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ABSTRACT

Over 1,100 published tests including over 5,400 subtests, keyed to educational objectives of secondary education, were evaluated by measurement experts and educators. The tests were evaluated specifically with the concerns of grades nine and ten in mind. Upon a test's or subtest's assignment to one of the educational objectives, it was subjected to an intensive evaluation according to the MEAN system. MEAN is an acronym reflecting the four critical areas of concern to test users: Measurement Validity, Examinee Appropriateness, Administrative Usability, and Normed Technical Excellence. Thirteen of the 39 MEAN criteria deal with the empirical aspects of the test, mostly reliability and validity. Within any of the four evaluation categories, a letter grade, based on points assigned to each aspect of each criterion, was computed. Letter grades assigned were "G" (good), "F" (fair), and "P" (poor). Each test then earned four letter grades by the MEAN system serving as the Center's official evaluation of the test, for example: Acme Reading Test (GFPF). Along with the test evaluations which are presented in tabular form, an index of objectives, an index of tests evaluated, and a list of publishers and distributors of the tests are included.
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CSIE Secondary School Test Evaluations: Grades 9 and 10



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**CSE SECONDARY
SCHOOL TEST EVALUATIONS:**

Grades 9 and 10

Edited and Prepared by

- Ralph Hoepfner
- William A. Conniff, Jr.
- Thomas C. McGuire
- Leonard S. Klibanoff
- Gretchen F. Stangel
- Howard B. Lee
- and
- Stanley Rest

With the Assistance of

- Michael Bastone, Oded Erlich,
- Michael F. Hoyt, Linda Hyfano,
- Russell Hunter, Betty L. Johnson,
- Carol Ann Norvell, Victor N. Ogilvie,
- Joseph M. Petrosko, Robert S. Todaro,
- and Jonette Watkins

Photographs by Richard Garon

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Los Angeles, California 90024



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Dissemination Services
Center for the Study of Evaluation
Graduate School of Education
University of California
405 Hilgard Ave.
Los Angeles, CA 90024

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FOREWORD

The *CSE Secondary School Test Evaluations* is a product of the Evaluation Technologies Program of the Center for the Study of Evaluation (CSE). The major goal of the Evaluation Technologies Program is to increase the number of people who can conduct effective educational evaluations. Given the demand for evaluation such people are vitally needed in the schools today and the need seems to be constantly increasing. The Evaluation Technologies Program is meeting this need by developing evaluation technologies to be used by on-site personnel who are involved in or responsible for conducting evaluations or who use the resulting information, along with instructional packages for training these personnel to take over most evaluational functions. The thrust of the program, therefore, is toward the evaluation functions and needs of teachers, administrators, curriculum developers, special project staff, and members of state and federal education agencies.

The major products of the Evaluation Technologies Program fall under three major categories:

Special Topics: Special topics include those areas demanding intensive presentation or special resource material to improve the quality of evaluation. The three volumes in this test evaluation book fall under the category of special topics. Other related products in this category are the *CSE Elementary School Test Evaluations*, the *CSE-ECRC Preschool/Kindergarten Test Evaluations*, and the *CSE-RBS Test Evaluations: Tests of Higher-Order Cognitive, Affective, and Interpersonal Skills*. Information about these test evaluations is available on the back of the cover page to this volume.

Training Manuals: Manuals are self-instructional and provide prescriptive information on how various kinds of evaluation activities should be conducted for specific situations. In this category is the *CSE Elementary School Evaluation KIT: Needs Assessment*, published by Allyn and Bacon, Boston, Massachusetts. Other kits geared toward the specific evaluation problems of the elementary school principal are currently under development at the Center.

Training Modules: Each module contains a set of materials designed for workshops and study groups to provide information and training on alternative ways of performing evaluation functions to meet a variety of situations. *Evaluation Workshop I: An Orientation and Evaluation Workshop II: Needs Assessment*

are available from CTB/McGraw-Hill, Del Monte Research Park, Monterey, California. Workshops dealing with other aspects of evaluation are under development at the Center.

The Test Evaluation Series

The test evaluation series serves a useful purpose in an evaluation and provides a great deal of information not currently available. We view the major advantages of the series as (1) conciseness, which is not offered by other test reviews, thereby limiting their use for most educators; (2) currency, which again is not provided in other compendia but found only in scattered test reviews; (3) educational relevance, since all tests are evaluated against consensual educational objectives; (4) objectivity, since CSE is not engaged in commercial test publication; and (5) consistency, since a single set of standards is employed against which all tests are evaluated.

CSE Secondary School Test Evaluations

The overriding goal in CSE's development of this test evaluation book has been the provision of a resource for administrators and educators that will be easy to use and will prove helpful. The format of the three volumes of the *CSE Secondary School Test Evaluations* has been designed to be especially easy and meaningful for today's educator.

The test evaluations have been divided into three volumes (grades 7 and 8; grades 9 and 10; and grades 11 and 12) to enable better binding and packaging as well as for convenience in subsequent utilization. The tests, further, were evaluated with the concerns of these specific grades in mind. Each of the volumes contains an introduction describing in considerable detail the procedures used in the test evaluations. The main part of each volume consists of the test evaluations themselves; each test or subscale was evaluated on several criteria that educators have found critical in making test selections. Each volume also contains indexes of goal categories and test names and appendixes listing publishers' addresses and some of the curricular resources that underlie many of the evaluative decisions.

If the user employs this book in the manner for which it has been designed, his procedure will be essentially as follows: through some form of needs assessment (dealt with in the *Elementary School Evaluation KIT: Needs Assessment* and *Evalu-*

tion Workshop II: Needs Assessment) or demand upon the education system it has become necessary or desirable to assess students' standings on some educational goal. (Notice that it is the goal that has come first, not the test. Test selection follows goal selection; until we know what goal we hope to attain we cannot intelligently select a test to measure its accomplishment.) Based upon the user's best interpretation of his goal, he consults the introduction to this or one of the other two volumes so that he can find the goal statement that most closely matches his need. When he has decided which of CSE's goal statements is most congruent with his own need, he then consults the Index of Goals for the grade level with which he is concerned. The index will lead him to the evaluation entries for all of the tests that are published and available that can be construed to measure that goal. The individual test evaluation entries will give the precise name of each instrument, the code for its respective publisher (full publisher names and addresses can be found in Appendix B), and ratings on each of the 39 evaluation criteria that were used in compiling the test evaluations. In addition, at the extreme right of each entry are summary ratings of "good," "fair," and "poor" for each of the four major evaluation factors. By scanning either the individual ratings or the summary ratings for each test within the goal area, the user can select one or several tests that seem most useful.

The next step will be to consult the Index of Tests to determine whether the test tentatively selected is a unitary instrument or is a subscale of some larger test battery or series. If the test is a unitary instrument, and the user wishes to make assessments only on the goal area in question, then selection of the particular test involves little more than choosing that test with the highest ratings (the more sophisticated user may wish to give special attention to certain particular rating criteria that are of importance to him, such as ease of scoring or the size of the testing group). If the potential tests are subscales of larger batteries the

decision is more complicated; the user must decide if it will be useful to assess student standing on the goals assessed by the remaining subsets of the battery, or what the tradeoffs are in selecting a number of subscales from different tests. The user will be concerned with maximizing useful information and in doing so at a reasonable cost. For each test, it is usually possible to write to the appropriate test publisher to obtain a specimen test at nominal cost in order to provide further data for making test-selection decisions.

For a given goal area selected, it is possible that none of the tests listed will provide a satisfactory assessment instrument. Should this occur, the user may consider such alternatives as examining the availability of published criterion-referenced tests, developing his own tests, contracting for the development of appropriate tests, or simply using the best tests available with their deficiencies known and made explicit.

This foreword has described the way CSE would like to have educators use these volumes and the usage for which the volumes have been planned and designed. There are, of course, other ways that educators will want to make use of them. Educators who have employed previous volumes of CSE's test evaluations have indicated that they offer a useful listing of the wide variety of tests available and provide enlightening ratings of tests already in use. For these reasons, the *CSE Secondary School Test Evaluations* contains an Index of Tests and an appendix listing publishers and distributors of tests. In the case of the user who believes that *how* he measures is more important than *what* he measures, he can enter these volumes to look up specifically those tests he has already prechosen.

As these volumes are used and their value accepted, we at CSE believe that the user will come to adopt our philosophy—goal first, measure second.

Marvin C. Alkin
Director

INTRODUCTION

Over the last several decades published tests have maintained a large if not important role in the education of American youth. The large scale use of tests began with, and still is based upon, a counseling-guidance concern for helping young people make the important decisions necessary to their futures. In addition, the tests appeared to be useful in the selecting and screening of those students who presumably would profit from continued education. Today, the continued use of tests in our secondary-school programs is largely motivated by those same needs. In addition, the relatively new need for what is called "accountability" has been added to the press for continued and increased testing.

During the 1960's, as systems approaches and accountability procedures began making inroads from the military and some business sectors into other social institutions, the need for tests was seen in a broader light. Not only should testing devices be useful for the counseling and screening of students, but they should also offer decisive information on the status of the educational system as an institution. This was particularly the case when agencies outside the school building, whether district, state, or federal, provided funding or support for specific educational programs that were intended to yield specific educational outcomes. In an effort to avoid throwing good money after bad, these agencies became more and more interested in some sort of demonstration or proof that planned goals were being reached. When the accountability needs became clear it also became clear that the testing instruments available were not up to the task. The notion of education by objectives and referencing tests to objectives, long a part of the educational literature, became the foundation for the approach that could meet this new emphasis.

Today we are seeing what was once called a unitary need of educational accountability become a multi-faceted need. The payer of the fiddler is not only calling for specific student outcomes, but is also interested in knowing what caused the outcomes. In order to investigate causes, the accountability systems have expanded to include the documentation and the demonstration of the effects of various educational programs and the recording of the progress and processes of the programs, in addition to their final outcomes. Each facet of this need for accountability makes different measurement demands, and for that reason, calls for a different set of measurement devices. These devices are not only different from each other, but are also considerably

different from the instruments that served (or failed to serve) last decade's educators. We are now witnessing increased awareness of and interest in measures that depend upon observations, planned interactions, and unobtrusive archival records.

All this has not diminished the importance of measuring student achievement. Its importance is still central to educational accountability, and is likely to remain so. But the new measurement demands have brought about a radical change in the complexion of tests used at the secondary level. In addition to the tests of verbal-quantitative "thinking," of vocational interests, and of "intelligence," there is a whole new arsenal, still not sufficient to meet the needs of educational accountability, of instruments much more closely aligned to the specific educational goals on which educators are focusing their efforts.

Any reader who compares a ten-year old test catalog with one of today can see this change: the *educational use* of tests for *educational purposes* has grown immensely. Many would say, however, that it has not grown enough. Not that educators should use more tests, necessarily, but that they should use tests that are educationally better. "Better" tests would be referenced to educational goals, with the subsequent test development and analysis subordinated to that referencing. While few educators would disclaim the need for such tests, it is the case that, for various reasons, this well-referenced arsenal of tests does not yet exist. But the accountability demands do exist and must be met. It would seem that the best way to meet accountability demands would be to employ the best tests in the most goal-referenced way possible. This book is designed to enable educators to do just that. It is a catalog of all available tests for the secondary level, each of which has been assigned to a specific educational goal and then evaluated along several critical dimensions. Through the use of this book the educator can do an after-the-fact referencing of tests to program goals and then can select instruments that have the qualities he most values.

But what are the qualities by which a test should be valued or chosen? Careful consideration of the purposes to be served by the measuring instrument will identify qualities over and above those generally considered in introductory texts of educational measurement. For purposes of discussion we have divided those qualities into four major categories: Measurement Validity,

Examinee Appropriateness, Administrative Usability, and Normed Technical Excellence.

If the test user is concerned with measurement validity, he is primarily concerned with *what* the test is measuring. This concern is a direct consequence of the need to reference the test to some specified educational goal. It is no longer satisfactory for a test publisher to state that the test measures a goal of education; he must specify the goal, its limitations and extensions, and its manifestations in terms of behaviors to be learned. Then the publisher should present some documentation that his claims are in fact supported.

We can get documentation about different aspects of a test's goal-referenced nature by a listing and categorization of the items into specific objectives, by a matching of items to implicit objectives of curriculum materials, by judgments of teachers and curriculum experts, that the stated goals are being addressed, or by empirical evidence in the form that textbooks refer to as validity. All of these approaches can provide legitimate support for the publisher's view of the meaning of a test.

An equally important consideration as the *what* of a test is the *who*. Not only must we be concerned with the target population to be measured by the instrument, but we must also be concerned that the test has been developed with the limitations and capabilities of that population in mind. At the secondary level such questions include whether or not the test items and content are too difficult or too simple for the examinees, whether the test honestly presents itself for what it is, and does not trick the examinees, and whether the instructions really request what will count in the test's scoring. These might all be called "examinees' rights," the violation of which might result in apathy, antagonism, or alienation.

The *how* question is concerned with requirements for administering, scoring, and interpreting the test. Large-scale accountability efforts are usually matched by equally large-scale testing programs. School systems can hardly be expected to pay for testing programs that will demand time, money, and personnel not already available at the school site. Issues such as the number of students that can be simultaneously tested, costs of testing hardware, need for complicated or expensive scoring, and usability of interpretations are the important issues in this category. Last, and probably least, of the educator's concerns in selecting and evaluating tests are the technical measurement aspects. Although these aspects are least understood by educators, and

may very likely be of least value to him, it is these very aspects that are the focus of most of the reviews and summaries of educational tests that exist in today's journals and test reviews.

So far, the reader can see that we have set up four main categories of criteria on which we feel tests should be evaluated and selected. The remainder of this introduction will address those criteria more carefully and completely, so that the reader will understand just how we arrived at the test evaluations that comprise the major portion of this book.

Educational Goals to which Tests May Be Referenced

The notion of evaluation, like the notion of judgment, always carries with it the implicit or explicit establishment of criteria of goal satisfaction. One cannot, therefore, judge how well a test measures, without knowing what it is measuring and without some standard of the goodness of possible measurement. The establishment of some universal set of "whats," or educational goals, as we shall call them, puts one in the center of a long and hotly-disputed philosophical argument.

Aside from the issue of who establishes the goals of education, there is the problem of how the goals are developed and even phrased. Their phrasing and position within the universe of educational phenomena are highly, but usually clandestinely, dependent upon an underlying philosophy of education and how that universe is or should be organized. In this book, in order to set some sort of universe of goals for education, we have concentrated upon what are called student or learner outcomes on the assumption that such learned outcomes are the real ends, and not the means, of education. For the most part, the goals are not phrased as behavioral objectives, as behavioral objectives are not necessary to the activity of categorizing already existing tests, whereas they are an important asset in constructing a test. The range and scope of outcomes that are expected of students in all types of secondary education are numerous, however. Under these circumstances, it was necessary to categorize those, out comes so as to minimize redundancy without sacrificing completeness.

Our procedure, and surely not the only route that we could have taken, was to divide secondary education into its current major disciplines. We decided upon sixteen major discipline areas which we thought would cover most of the outcomes that are expected of secondary students throughout the country and would also induce the least amount of confusion as to where any

one goal might be found. These major categories, in alphabetical order, are: arts and crafts, driver and traffic safety, English language arts, foreign language, health and safety, home economics, industrial arts, intellectual skills, mathematics, music, personality characteristics, philosophy and religion, physical education, science, social studies, and vocational/career education. It will be seen that these major categories are the organizing elements of the test evaluations that follow in this book.

It will be clear to most educators, and people interested in the philosophical issues of goal setting and curriculum development that our categorization scheme is rather arbitrary, and indeed a bit old-fashioned. While the subject-matter or content organization of education is not in vogue today, it seemed to be the most reasonable way to make a systematically consistent division of educational outcomes. This division is one that everyone could understand, even if they did not endorse it.

The specific elements of our major classifying system are also rather arbitrary. Deciding what to name a category and what goals it would and would not include was a difficult and painful task. As an example, consider the category of vocational education. Should we have called this "career education"? Then what would we do with vocational education that did not fit into present notions of careers? Or what would we do with industrial arts or home economics goals? Asking another question, should vocational education be considered in terms of specific types of vocations or careers or should it be considered in terms of the common elements in all or many of the vocations? Should intellectual and personality characteristics be in the vocational education category or should they be in the categories of intellectual skills and personality characteristics? or both? or a little in each?

Through discussion within the team developing the goal system and in conferences with local and national experts in secondary education and curriculum, decisions were made that we feel will enable the user of this book to most easily and efficiently find the goal for which he is looking. The results of this deliberation are listed and described below.

GOALS OF SECONDARY EDUCATION

ARTS AND CRAFTS

1. KNOWLEDGE OF ARTS AND CRAFTS

- A. Nature and Scope of Art
- Understands what art is and why it is important. Is familiar

with important issues in art and the attempted resolution of these issues. Is aware of the relationships of art to other disciplines.

B. Art Materials and Techniques

Is familiar with the various types of art, such as oils, watercolors, ceramics, photography, architecture, sculpture, interior decoration, product design, technical illustration, and fashion. Knows how to use various techniques to produce art.

C. Art Composition and Style

Is familiar with various aspects of art composition, such as perspective, balance, movement, harmony, contrast, and use of color. Is acquainted with various styles of art in each medium.

D. Works of Art

Is acquainted with historical and contemporary art, major artists, styles, and periods, in this culture and in other cultures.

E. Analysis of Art and Craft Products

Identifies and describes the uses of form and color and various aspects of composition employed in works of art. Identifies and describes the style or period, and the subject matter and theme of works of art.

2. PRODUCTION OF ART AND CRAFT WORKS

A. Mechanical and Hand Skills in Art

Demonstrates mastery of the mechanical and hand skills required to produce works of art (e.g., painting, weaving, sculpting, modeling, and photo developing).

B. Compositional and Style Skills in Art

Demonstrates mastery of the compositional skills required to produce works of art. Effectively uses particular styles in the production of art works.

C. Subject Matter Skills in Art

Demonstrates creativity in the choice and representation of a subject in works of art.

3. RESPONSE TO ARTS AND CRAFTS

A. Personal Response to Arts and Crafts

Responds emotionally to works of art. Appreciates and respects creativity and craftsmanship in art. Produces art in leisure time; collects art, visits museums, joins art societies, employs artistic principles to improve own environment.

- B. Judgmental Response to Art
Analyzes and criticizes the merits of a work of art, and justifies own judgment. Enjoys discussions of art criticism and reading about art criticism.

DRIVER AND TRAFFIC SAFETY

4. FUNDAMENTALS OF SAFE DRIVING

- A. Driver Responsibilities
Understands the factors involved in safe driving (conditions of the driver, vehicle, road, and traffic). Recognizes the skills necessary to safe driving and tries to master them. Respects the necessity of observing traffic regulations, demonstrating courtesy, remaining constantly attentive, and maintaining self-control while driving.
- B. Motor Vehicle Laws and Rules of the Road
Understands the criteria to be met for licensing. Knows signals for turning and stopping. Knows how to respond to traffic signs, signals, and road markings. Knows rules governing speed, right of way, and vehicle fitness. Understands a driver's financial responsibilities in the event of an accident.
- C. Basic Driving Skills
Understands the functions of car instruments and gauges and uses them properly. Can properly operate the car. Signals and observes all routine rules. Can plan trips, read maps, locate addresses, and keep a sense of direction. Takes situations into account in adjusting speed, separation from other cars, braking, and cornering. Drives defensively, with courtesy and attentiveness.
- D. Auto Accident Prevention
Understands the medical, economic, social, and legal implications of accidents. Knows the major causes of accidents and how to avoid them. Knows the value of safety devices. Understands how to correct or prevent hazardous equipment faults. Understands the adjustments necessary when driving in mountain and desert areas. Knows what to do in emergencies.
- E. Procedure in the Event of Auto Accident
Knows what defensive and protective actions to take when an accident can be foreseen. Can administer basic first aid to accident victims. Knows how to obtain police and medical assistance. Understands accident reporting procedures.

5. FUNDAMENTALS OF MOTOR VEHICLE PURCHASE AND MAINTENANCE

- A. Motor Vehicle Maintenance and Repair
Knows function of major automotive systems. Understands the importance of following owner's manual. Knows a car's major maintenance points and understands the importance of regular maintenance. Understands means of minimizing wear of auto parts and ways of conserving gas and oil. Can handle simple mechanical emergencies.
- B. Economics of Motor Vehicle Purchase
Can compute costs of vehicle purchase and operation. Knows how to select a reliable and economical car. Understands the legal points of insurance and financial responsibility. Understands the basics of contracts involved in purchasing, financing, and insuring a vehicle and knows ways of arranging these securely and economically.

ENGLISH LANGUAGE ARTS

6. DEVELOPMENTAL READING

- A. Reading Comprehension Skills
Identifies the main idea and important details; determines the meaning of words from the way they are used; applies the reading technique appropriate to the subject matter. Draws inferences from material read.
- B. Research and Study Skills
Can locate reference materials and information sources. Understands and knows the purpose of study assignments. Knows the steps involved in writing a research paper. Writes well-organized notes. Writes summaries of reading selections. Reads and understands directions. Knows the importance of having adequate light, table space, privacy and appropriate materials for studying.
- C. Vocabulary Development and Spelling
Knows the meaning of prefixes and suffixes. Knows the process by which words are located in the dictionary. Knows the different levels of meaning for a number of words. Spells words correctly and knows the rules of spelling.
7. SPEECH, DRAMA, AND ORAL PRESENTATION.
A. Organization of Ideas for Oral Presentation
Knows the purpose and prepares an outline before writing a

speech or stage script. Maintains notes on plays seen and read, book reviews and articles on biographies, plays, television and radio programs, and films.

B. Types of Speeches and Drama

Knows how to give different kinds of speeches and various forms of public and/or-private speaking used in debate, discussion and interview; and the production and direction of and performance in drama, films, radio, and television programs.

C. Mechanics of Oral Presentation

Knows the process by which the sounds of language are produced. Pronounces words correctly. Controls voice, power, pitch, and tone. Establishes good eye contact with the audience. Displays good posture. Makes effective use of gestures. Knows the differences between usage and dialect. Uses the level of usage appropriate to the purpose.

D. Listening Habits

Knows the difference between hearing and listening. Knows the responsibilities of the listener. Identifies the main ideas, the important details, and the conclusion of a speech. Identifies speech defects or poor habits of the speaker.

8. GRAMMAR

A. Parts of Speech

Defines and gives examples of the eight parts of speech. Knows the purpose and relationship of the parts of speech to one another in a sentence. Detects improper use of the parts of speech.

B. Grammar of Sentences

Knows definitions and functions of sentences and parts of sentences. Identifies and correctly writes the different types of sentences, phrases, and clauses. Detects grammatically incorrect sentences, phrases, and clauses. Diagrams sentences correctly, and uses correct capitalization and punctuation.

9. WRITING SKILLS

A. Organization of Ideas for Writing

Translates own ideas into language; classifies, associates, and compares ideas; analyzes or identifies conditions. Writes outlines that group related ideas together and arranges the groups in logical order.

B. Sentence and Paragraph Development

Uses proper coordination and correct agreement. Avoids writing choppy, incomplete, and run-on sentences. Develops paragraphs by explaining topic sentences. Writes paragraphs that present a clear purpose or point of view. Recognizes poorly developed sentences and paragraphs.

C. Style

Employs natural and simple expression. Various devices of style, exact emphasis, colorful word usage, and figures of speech. Uses a variety of sentence patterns. Avoids wordiness, unnecessary detail, and useless repetition. Recognizes ineffective style.

D. Mechanics of Writing

Exhibits legible handwriting, adequate margins and spacing, proper labeling and placement of headings, correct expression of numbers and figures, and correct abbreviations. Recognizes writing that is mechanically poor.

E. Formal Writing

Demonstrates ability to write each of the different types of essays and briefs.

F. Personal Writing

Writes business, friendly, and formal letters using appropriate headings, inside addresses, greetings, closings and signatures. Writes a personal autobiography that is brief and accurate.

G. Creative Writing

Writes poetry that conforms to accepted conventions of poetry; stories that are compact, produce a single effect, have a limited time and setting, and have rapid movement. Writes newspaper articles that exhibit conflict, social significance, the unusual, adventure, and amusement.

10. FORMS OF LITERATURE

A. Knowledge and Understanding of Literature

Identifies the important elements of biography, autobiography, tragedy, comedy, plays, short story, novel, newspapers, and other forms of literature. Understands dramatic form, use of language, and themes of prominent authors. Knows the type of information available through each form of literature.

B. Sources of Literature

Is aware of, reads, and has plans to read American, English, world, national, and ethnic literature. Identifies authors and

their works, characters and plots; types of literature, and literary periods.

11. ANALYSIS AND EVALUATION OF LITERATURE

A. Analysis of Plot and Theme

Explains the main action and sub-actions, conflicts between characters, and between characters and their environment, meaning of the theme, and writer's point of view. Describes the characters, identifies their roles, and understands their traits and emotions.

B. Analysis of the Structure of Literary Works

Describes the development, arrangement of parts, and mode of presentation. Explains the meaning of figures of speech in poetry and other forms of literature, and the use and significance of specific details.

C. Evaluation of Literature

Judges the mechanical aspects of literature and their contribution to the unity and structure of literary works. Criticizes dialogue of dramatic works, and the author's point of view. Judges the credibility of the theme, characters, setting, and the social, historical, and biographical references.

D. Appreciation of Literature

Shows interest in and discusses the lives of famous authors. Shows appreciation for and interest in drama by attending plays and participating in school plays. Shows interest in essays by discussing the values and ideals of literary figures. Enjoys reading short stories, novels, and poems.

FOREIGN LANGUAGE

12. KNOWLEDGE OF THE ELEMENTS OF A FOREIGN LANGUAGE

A. Foreign Language Writing System

Copies written materials accurately. Accurately transcribes simple utterances. Rapidly locates dictionary entries. Uses punctuation and special markings appropriately.

B. Foreign Language Phonetics

Discriminates important sound features. Repeats simple utterances accurately and identifies sign-sound relationships.

C. Foreign Language Vocabulary

Provides appropriate equivalents to given words and phrases. Provides words or phrases appropriate to a given context.

D. Foreign Language Grammar

Knows grammatical rules. Performs pattern drills and simple manipulation of syntax. Completes messages with appropriate forms of nouns, verbs, and other words.

13. MASTERY OF FOREIGN LANGUAGE TECHNIQUE

A. Foreign Language Reading Ability

Responds correctly to questions based on the content of readings. Follows written directions. Provides English equivalents to written passages. Understands the plot of a story, the topic of a poem, and can summarize the content of readings. Approaches native ability in reading speed and comprehension.

B. Foreign Language Listening Comprehension

Transcribes spoken messages accurately and follows spoken instructions precisely. Provides comprehensive English equivalents to spoken messages and paraphrases spoken messages. Approaches native ability in perception and comprehension of the spoken language.

C. Foreign Language Writing Ability

Produces comprehensive equivalents to given English messages. Writes with expression. Approaches native ability in style, facility, command of idiom, and accuracy in writing.

D. Foreign Language Speaking Ability

Repeats spoken phrases precisely. Provides appropriate oral responses to given messages. Produces comprehensive spoken equivalents to given English messages. Speaks with expression. Approaches a native speaker in colloquial facility, style, command of idiom, and accuracy.

14. INSIGHT INTO A FOREIGN CULTURE

A. Literature of a Foreign Culture

Identifies authors and their works, types of literature, and literary periods. Explains the characters, plots and themes of notable works. Relates literature and other writings to their cultural contexts. Evaluates the merits of a communication according to specific criteria.

B. Social-Historical Features of a Foreign Culture

Knows history, politics, geography, economy, social structure, and folkways of the culture. Acquires tolerance and apprecia-

tion of differences in the values of different cultures. Identifies composers, artists, actors and filmmakers, and their works. Is familiar with prominent folk arts.

15. ASSIMILATION OF FOREIGN LANGUAGE AND CULTURE

- A. Interest in Learning and Using a Foreign Language
Enjoys and contributes to class activities and desires to converse with native speakers and to read native works. Attends native language films. Writes in the language to native correspondents and speaks the language with others outside of class. Reads native literary works, newspapers, or magazines for pleasure.
- B. Interest in Learning About and Involvement in a Foreign Culture
Enjoys exposure to native music, film, art, and literature. Collects art and music of the culture. Seeks contact with local representatives of the culture or travels to the native land. Can function in the culture in a manner consistent with native ways.

HEALTH AND SAFETY

16. PHYSICAL AND MENTAL HEALTH

- A. Personal Health
Cares for teeth, skin, nails, and hair, and selects clothing with regard to health. Understands the value of good grooming and proper health habits. Understands structure and care of sense organs. Understands importance of periodic medical exams and of securing professional services in medical treatment.
- B. Nutrition
Knows what makes a balanced diet; the seven food components and their relationship to health. Knows how to control weight and the problems of and reasons for overweight and underweight. Knows about food supplements and preservatives, food production, storage, sanitation, and preparation.
- C. Personality Development
Understands own personality, needs and abilities, and problems of adjustment and ways to solve them. Accepts different personalities and gets along well with others. Understands the biological and environmental factors that influence mental health. Develops a sense of responsibility for own behavior.

17. HABIT FORMING SUBSTANCES AND THEIR USE

- A. Smoking and Tobacco
Understands the physical effects of tobacco and knows reasons why people smoke. Understands the relationship between smoking and lung cancer, heart disease, and life expectancy. Is familiar with recent research and recommendations of health authorities regarding the effects of smoking.
- B. Alcohol and Alcoholism
Understands the physical, mental, and social effects of alcohol. Knows the current kinds of treatment for the alcoholic.
- C. Drug Use and Abuse
Knows the beneficial and medicinal effects of some drugs and the harmful effects of others. Understands the physical, mental, and social effects of narcotics. Is familiar with narcotic laws. Knows the types of treatment for the addict. Understands the addiction-prone personality.

18. MARRIAGE, FAMILY, AND SEX EDUCATION

- A. Sex Education
Knows the process of adolescence and the emotional problems of sexual growth and development. Understands human reproduction. Knows medical terms in reference to the body. Overcomes common worries and misconceptions about sex. Knows factors that influence sex drive.
- B. Dating
Realizes the functions and the responsibilities of dating, going steady, courtship, and engagement. Develops personal standards of conduct and understands that relationships require social maturity and responsibility. Understands possible personal, social, and health hazards of sexual relationships.
- C. Marriage and Family Life
Knows factors for selecting a suitable mate. Understands the social role of the family and changing roles of men and women. Knows how to instruct children about sex, growth, and development problems. Knows areas of adjustment necessary for a successful marriage and approaches for resolving marital conflicts. Understands family planning.

19. PUBLIC HEALTH

- A. Community Health
Understands how to protect self and others against communi-

cable diseases and other environmental hazards. Knows and supports public health measures for the community. Is familiar with current and pending health laws and programs. Understands value of a clean and healthful environment.

B. Diseases

Understands the cause, treatment, and prevention of the major communicable and noncommunicable diseases. Understands immunity to disease. Understands the effects of venereal diseases on the individual and the community.

C. Consumer Health

Is critical of food and drug advertising claims. Reads labels critically before buying a product. Knows the danger of self-diagnosis, self-medication, and quackery. Can choose a doctor and knows when to call him. Knows the professional standards of health specialists and ways of paying for and obtaining health services.

20. SAFETY EDUCATION

A. Safety and Accidents

Knows household safety measures. Knows hazards and safety measures for drowning, fires, firearms, falls, burns, poisons, and recognizes poisonous plants and animals. Participates in safety programs and knows regulations for safety, their importance, and the consequences of violation.

B. First Aid

Understands the need for first aid and the proper transportation of an injured person. Understands the procedures for emergency care and knows legal problems of administering emergency care. Can apply principles of first aid and could qualify for the standard certificate.

HOME ECONOMICS

21. HOME AND FAMILY MANAGEMENT

A. Family Relations

Understands roles and conflicts in family living. Knows laws and legal responsibilities relating to families and knows the authority structure of the family in our society.

B. Home Nursing and Child Care

Can assist in the care of others in the home. Knows care of mother and baby both before and after birth. Can provide safe care for and meet needs of children. Knows about child welfare

laws and agencies that protect and care for children. Can properly select a babysitter.

C. Home Management

Understands how the organization of time, activities, and property contributes to the achievement of family goals. Knows how to provide for family security and how families and individuals use income wisely.

D. Consumer Economics

Knows how to shop wisely. Is acquainted with sources that help consumers. Knows advantages and disadvantages of different types of payment plans. Can wisely select, buy, and store foods.

E. Housing

Recognizes different housing needs among families. Understands the relationship of use and care to the appearance and safety of the home, and to the cost of upkeep. Knows principles of purchasing and financing housing; home furnishings, and equipment.

F. Furnishing

Knows how to make a home comfortable, convenient, and attractive. Develops interior creative abilities. Understands how need, personal preferences, and design influence home planning. Knows of new products and inventions in interior design.

22. FOOD AND MEAL PREPARATION

A. Food Preparation

Reads and interprets recipes. Properly uses and cares for cooking utensils and equipment. Understands measures. Understands role of the homemaker as a food manager. Knows about eating habits and preferences, and plans nutritional meals.

B. Meal Serving

Can set the table for various kinds of meals. Knows and practices table etiquette. Serves meals in appetizing and interesting ways.

23. CLOTHING AND TEXTILES

A. Clothing and Textile Selection

Selects personally suitable fabrics and garments in terms of style, color, and design. Knows about yard goods, clothing labels, and wise shopping techniques. Understands how fash-

ions develop and what current fashions are. Applies principles of wardrobe planning.

B. Sewing and Clothing Construction

Can select, use, and care for sewing equipment. Understands and practices safety procedures in use of sewing equipment. Becomes skilled in hand and machine sewing. Appreciates the value of, and enjoys sewing.

C. Care of Clothing

Wisely cares for clothing and understands the importance of proper care. Knows laundry principles and procedures, and use and care of laundry equipment. Understands dry cleaning procedures. Becomes skilled in ironing.

INDUSTRIAL ARTS

24. INDUSTRIAL ARTS AND PRACTICES

A. Industrial Shop Safety

Knows safety procedures for various machines and tools. Understands need for proper conduct and proper dress in industrial arts laboratory. Properly uses hand-tools, and hand power tools, and powered equipment.

B. Drafting (non-vocational)

Performs mechanical, industrial, and architectural drawing. Reads drawings and blueprints and visualizes relationships between objects and working drawings. Understands building codes. Knows occupational opportunities in drafting and mechanical drawing.

C. Woodworking (non-vocational)

Knows characteristics, sources, and uses of various woods. Properly handles rough and finished wood stock. Applies techniques of assembly and wood finishing. Cares properly for wood and wood products. Knows occupational opportunities in wood working.

D. Metals and Machines (non-vocational)

Understands uses of different metals and works with various metals. Performs gas and electric welding operations. Understands operation and use of shop equipment. Understands basic sources of power and their uses. Maintains and repairs power units and tools. Knows occupational opportunities in metals and machines.

E. Electricity and Electronics (non-vocational)

Maintains and repairs electronic equipment. Knows theory of electricity and electronics. Reads wiring diagrams and does wiring. Tests and measures electrical circuits. Knows occupational opportunities in electricity and electronics.

F. Graphics (non-vocational)

Identifies printing type forms. Performs hand and mechanized composition. Does stencil cutting and block printing. Knows basic processes of book binding. Selects photographic equipment and materials to create special effects. Knows occupational opportunities in graphics.

G. Auto Mechanics (non-vocational)

Performs adjustments and repairs on automobiles. Understands the function of the various units of the automobile. Knows the occupational opportunities in auto mechanics.

INTELLECTUAL SKILLS

25. UNDERSTANDING

A. Comprehension and Production of Information

Has a broad vocabulary. Produces needed information and abstract ideas. Describes pictures or sounds and illustrates ideas with other ideas.

B. Integration of Information

Summarizes information by combining the essential parts into a meaningful total idea. Identifies major ideas, and recognizes the logic or connections among ideas in communication. Rearranges or reorders ideas in order to grasp the meaning.

26. MEMORY

A. Rote Memory

Recalls items of information that have no meaningful connection with each other or with situations, such as names, dates, addresses, or lists.

B. Meaningful Memory

Recalls items of information that fit together in some meaningful way, such as stories, peoples' characteristics and life situations. Recalls articles read and can contribute the information recalled.

27. SYSTEMATIC REASONING

A. Deductive Reasoning

Applies rules or principles in order to arrive at answers or

MATHEMATICS

30. GENERAL MATHEMATICS

A. Arithmetic

Knowledge of the language of arithmetic. Skill in solving problems involving whole numbers, fractions, decimals, and proportions, using addition, subtraction, multiplication, and division. Ability to approximate answers to problems and to solve word problems.

B. Number Concepts, Systems, and Sets

Understands the concepts of the number line and order relationships. Ability to use the number line and find factors and prime factors. Knowledge of the decimal system and other (e.g., Roman) number systems. Understanding of expanded and scientific number notation, of number rounding, of other-base numeration and modular arithmetic. Understanding the concepts, symbols, and notations of sets. The ability to work with sets and interpret Venn diagrams.

C. Measurement

Ability to compute areas and volumes of figures. Familiarity with units of measurement in the English and metric systems and ability to convert among units and systems. Understanding of the approximate nature of measurement, error, and significant digits.

31. APPLIED MATHEMATICS

A. Business and Consumer Mathematics

Understanding of and ability to apply mathematics to problems in borrowing, lending, interest, investing, insurance, taxes, wages, commissions, cost/profit relations, and retail purchasing. Knowledge of the mathematics of banking, basic accounting, installment buying, real estate purchasing, and home finance. Skill in the use of calculators in business and home application.

B. Industrial and Vocational Mathematics

Facility in the use of computational and measurement devices such as slide rules, calculators, or math tables. Ability to apply mathematics to industrial problems in engineering, surveying, and carpentry.

C. Computer Programming

Knowledge of programming languages and skill in applying

solutions. Determines which rules of thinking are appropriate for a given problem. Explains given information in terms of known rules or principles. Uses thinking rules and principles to solve simple and complex problems.

B. Inductive Reasoning

Reasons from particular facts or individual cases in order to reach a rule or general principle. Discovers complex relationships and patterns. Formulates logical rules that account for facts. Makes generalizations that summarize information and can be applied to new situations.

28. CREATIVITY

A. Ingenuity

Generates information that is original. Creates novel and clever ideas. Invents new methods and generates new and uncommon procedures for dealing with problems. Adapts known methods to new situations.

B. Flexibility

Does not think in ruts, but shifts the direction of thinking. Redefines problems and is aware of deficiencies and inconsistencies. Recognizes the identity of an idea as seen from different viewpoints. Transfers approaches to new problems and considers various points of view to problems.

C. Elaboration

Fluently thinks of many specific details for stories, ideas, or objects. Finds a variety of solutions to problems.

29. EVALUATION

A. Logical Judgment

Applies logic. Makes judgments in terms of the consistency of the arguments, the relations among assumptions, evidence, and conclusions. Shows sensitivity to errors of judgment. Recognizes the values and points of view used in particular judgments.

B. Social Judgment

Understands and responds appropriately in social situations requiring discrimination, comparison, sensitivity, and judgment. "Common sense." Distinguishes between means and ends in selecting a solution to a social problem. Distinguishes fact, values, and opinion. Can appraise the adequacy of behavior in social situations.

the language in meaningful programs. Skill in the solution of linear equations and problem solving. Ability to set up flow charts, use of subroutines, library functions and algorithms.

D. Computer Theory and Practice

Knowledge of the historical development of computers, the logical structure of computers, operations and components of computer machinery, and a grasp of the strengths and weaknesses of computer technology. Ability to keypunch computer cards and operate computers and related machinery. A familiarity with data processing systems and routines.

32. ALGEBRA

A. Algebraic Skills and Concepts

Understanding of symbolic representations of numbers, the use of variables as placeholders, and the language of algebra. Ability to use notational conventions. Ability to transform expressions and to graph points on the number line. Understanding of the laws of operations and the use of line segments and areas to represent numbers.

B. Real and Complex Number Systems

Understands the properties and rationale of the rational number system. Understands and can operate with positive and negative numbers and absolute values. Understands irrational numbers, the field properties of real numbers and the nature and operation of complex numbers.

C. Equations and Inequalities

Understanding of different types of mathematical sentences. Knowledge of the properties and characteristics of linear and quadratic equations. Ability to solve problems involving the setting up of equations or inequalities.

D. Exponents, Radicals, Logarithms, and Functions

Ability to find the roots of numbers and to work with exponents. Understanding of logarithms and ability to use them. Ability to use logarithmic tables and the slide rule. Understanding of linear and quadratic functions and their graphs. Familiarity with linearity, axes, and intercepts. Ability to graph exponential and logarithmic functions and to understand the graphs.

E. Linear Algebra

Understanding of vectors and vector spaces. Ability to perform vector operations. Knowledge of matrix algebra and ability in matrix operations. Identifies types of matrices; evaluates deter-

minants; and uses them in the solution of systems of linear equations. Understanding of linear transformations and their matrix representations.

33. GEOMETRY

A. Informal Geometry

Recognizes and classifies geometric figures. Understanding of relationships among figures and ability to compute perimeters, areas, and volumes. Skill in the drawing of two- and three-dimensional figures. Ability to solve problems involving geometry. Knowledge of geometric symbols and the historical development of geometry. Awareness of the existence of non-Euclidean geometries.

B. The Nature of Proof in Mathematics

Understanding of concepts of defined and undefined terms, assumptions, axioms, postulates, hypotheses, conclusion, and proof. Ability to identify and construct conjunctions, disjunctions, and conditional sentences, their inverses, converses, contrapositives, and negations. Ability to construct truth tables and find truth values. Understanding of the various methods of proof and the rules of inference.

C. Euclidean Plane Geometry

Understanding of the definitions, axioms, and theorems of Euclidean plane geometry. Ability to apply it to the solution of numerical or verbal problems. Ability to use definitions, axioms, and previously proved theorems, along with appropriate methods of proof, to construct a valid proof of a theorem or statement.

D. Coordinate Plane Geometry

Understanding of the relationship between the Euclidean plane and the Cartesian plane and ordered pairs of real numbers. Ability to apply the definitions, formulas, and theorems of coordinate geometry to the solution of problems. Ability to construct a valid proof of geometric theorems or statements using the methods of coordinate geometry.

E. Solid Geometry

Understanding of the definitions, axioms, formulas and theorems of Euclidean solid geometry and three-dimensional coordinate geometry. Understanding of the relationships between the two solid geometries.

34. TRIGONOMETRY

A. Trigonometric Ratios

Knowledge of numerical values of ratios for special angles without the use of tables. Ability to apply reduction formulas for angles greater than 90° and for negative angles. Ability to solve right or oblique triangles and to solve problems of surveying or navigation that involve the use of the trigonometry of triangles.

B. Coordinate Trigonometry

Ability to convert vectors between rectangular and polar representations and find the components, magnitudes, and direction angles for a vector. Understanding of the resolution and composition of vectors and their relationship to complex numbers. Ability to represent complex numbers in polar or rectangular form.

C. Trigonometric Formulas and Identities

Understanding of and ability to use or manipulate the law of sines, law of cosines, deMoivre's formula, trigonometric area formulas, addition and double angle formulas, and trigonometric identities.

D. Trigonometric Circular Functions

Ability to use radian measure and related formulas. Understanding of the circular functions for real numbers and ability to graph them. Understands relationships between the circular functions and trigonometric ratios. Ability to solve equations and evaluate expressions involving the circular functions.

35. PROBABILITY AND STATISTICS

A. Organizing and Presenting Statistical Data

Ability to construct and interpret statistical graphs and frequency tables. Ability to group data by intervals. Ability to construct and interpret frequency histograms and cumulative frequency polygons for grouped and ungrouped data.

B. Descriptive Statistics

Understanding of and ability to compute measures of central tendency and dispersion and relationship between variables. Understanding of the derivation and use of the least square line. Ability to interpret descriptive statistical measures in order to make valid statements about data.

C. Probability Concepts and Distributions

Ability to solve problems involving permutations and combinations. Understanding of the language of probability. Ability to compute probabilities of different kinds of events. Understanding of random variables, probability distributions, and

familiarity with common distributions. Knowledge of basic probability theorems.

D. Statistical Inference

Understanding of sampling techniques, standard errors, and confidence intervals. Understanding of concepts and terminology of hypothesis testing and ability to use tests of hypotheses correctly and efficiently. Knowledge of the properties of and the calculations for repeated trials experiments.

36. ADVANCED MATHEMATICS

A. Analysis and Elementary Functions

Knows and understands differential geometry of curves, Mean Value Theorem, variational and iterational methods.

B. Analytic Geometry

Knows and understands distance and slope. Solves problems dealing with polar and rectangular coordinates, equations and graphs, parametric equations, solid analytic geometry.

C. Calculus

Knows and understands indefinite sequences, series, integrals; the concepts of limit, maxima, and minima; and fundamental theorem of definite integrals. Solves problems dealing with the application of definite integrals, differential calculus, multivariate calculus, vector calculus, and numerical calculus.

MUSIC

37. KNOWLEDGE OF MUSIC

A. Nature and Scope of Music

Understands what music is and why it is important. Is familiar with important issues and attempted resolutions of these issues. Is aware of the relationships of music to other disciplines.

B. Elements and Media of Music

Is familiar with various characteristics of sound. Is familiar with the system of notation used to write music and with the various scales used in music.

C. Structure and Organization of Music

Knows the components of music (rhythm, melody, harmony) and how they are used to create various types of music. Is familiar with the principles of design used to create variety and unity in musical works. Is familiar with various musical

forms and their organization and combination in musical works.

D. Knowledge of Musical Works

Is acquainted with historical and contemporary music, major composers, styles and periods, in this culture and other cultures.

E. Analysis of Musical Works

Identifies and describes the medium in which music is performed and the various elements of which the work is composed. Identifies and describes the rhythm, melody, and harmony of musical works and how they are used to create a certain type of music. Identifies and describes the style and period of musical works.

38. PRODUCTION OF MUSIC

A. Vocal Performing Skills in Music

Demonstrates mastery of the vocal skills (breath and volume control, phrasing, diction) required to perform musical works.

B. Instrumental Performing Skills in Music

Demonstrates mastery of the instrumental skills (solo instruments, band, orchestra) required to perform musical works.

C. Compositional Skills in Music

Demonstrates mastery of the compositional skills required to create a musical work.

39. RESPONSE TO MUSIC

A. Personal Response to Music

Responds emotionally to musical works. Appreciates creativity and craftsmanship in the musical works of self and others. Produces music in leisure time, collects musical recordings, attends concerts, joins musical societies.

B. Judgmental Response to Music

Analyzes and criticizes the merits of musical works, and justifies own judgments. Enjoys discussions of readings that focus on the critical analysis of music.

PERSONALITY CHARACTERISTICS

40. TEMPERAMENT

A. Emotional Security

Is generally cheerful, composed, calm, realistic, confident, and optimistic. Can deal with tension, depression, and frustration when they occur.

B. Realistic Responsibility

Views the world realistically and handles life's problems rationally; but without sacrificing sensitivity, appreciativeness, and concern for feelings and ideals. Is conscientious, dependable, and neat; but remains spontaneous and does not insist on sticking to things that have lost their purposes.

C. Inquiring Boldness

Is energetic, ambitious, and adventurous, seeking new experiences and opportunities; not overly cautious, insecure, or lacking drive. Is interested in abstract ideas, examines tradition critically, and is tolerant of change and diversity. Is analytical, observant, resourceful, and inquiring; rather than rigid, over-deliberate, or thoughtlessly conforming.

D. Productive Self-Assertion

Takes the initiative in groups, acts in accordance with personal convictions, asserts own point of view but with consideration for the needs and attitudes of others. Is independent, self-assured; as opposed to being overly reserved and shy. Is cooperative and generally respectful of laws and rules; and resists conformity for the sake of conformity. Is not unreasonably rebellious or resentful of control.

E. Friendliness and Trust

Seeks and maintains close relations with others and desires social approval. Shows faith in others and participates trustfully in groups, but is not so naive or gullible as to fail to recognize human faults and the limits of good will. Is loyal to friends and not withdrawn into own self. Is not overly skeptical, mistrusting, or defensive.

F. Sensitivity and Concern

Is sensitive to other people's needs, interested in the reasons for their behavior, tries to put self into another's place before judging, and generally shows concern for the welfare of others. Is helpful, generous, unselfish, forgiving, and warmhearted; as opposed to being overly detached, aloof, or priggish.

41. ATTITUDINAL FACTORS OF ACHIEVEMENT

A. Self-Concept

Sees self realistically, possesses a sense of personal worth and self esteem, and feels well-regarded by others. Has confidence

in self. Feels in command of own life and takes personal credit for own accomplishments. Does not feel that circumstances or other people completely control life and future.

B. Achievement Motivation

Undertakes challenges with optimism and persistence, and seeks opportunities to develop new talents. Is reasonably ambitious, persistent, and competitive, with a challenging level of aspiration.

C. School Orientation

Values and enjoys academic accomplishment, has a satisfying social life at school, and maintains positive relations with school authorities. Likes school subjects and learning, and generally enjoys and appreciates school.

42. SOCIAL BEHAVIOR

A. Interpersonal Relationships

Relates and interacts positively and constructively with others. Understands the intentions, motivations and roles of others and responds accordingly.

B. Social Behavior Skills

Knows and practices the rules of courtesy, manners, etiquette, and politeness. Is familiar with the social values and customs of own class and of other classes of people.

PHILOSOPHY AND RELIGION

43. PHILOSOPHY

A. Nature and Scope of Philosophy

Knows the background and historical development of philosophy. Knows important philosophers, basic concepts, and ideas of various philosophies. Can identify basic philosophical issues. Understands why these issues have become and remain important.

B. Personal Philosophy and Values

Develops a personal philosophy and attempts to live by it. Understands his own value system and that of his society. Knows how to examine his own value system. Knows and can use several methods of deciding about values.

44. RELIGION

A. World Religions

Is familiar with sacred and historical writings of various religions and their influence on beliefs and practices. Knows the beliefs and practices of various religions, their bases, and the effects they have on the spiritual, social, and economic lives of the believers.

B. Knowledge of Own Religion

Knows the sacred and historical writings of own religion, what they mean, and how they are variously interpreted. Knows beliefs of own religion and how they guide life. Can explain or justify beliefs and practices and can find original sources of them. Can compare own beliefs and practices with those of others.

C. Personal Acceptance and Belief in Religion

Has a firm religious faith, even though it may be in conflict with the convictions and ethical concepts of friends. Appreciates the importance of scriptural study in religious growth. Is willing to consider opportunities for full-time service to own religion.

D. Personal Religious Practices

Participates in the religious rituals, observances, and activities of own religion. Uses religious faith to help deal with doubts about the world and self. Seeks guidance from others of own religious faith in matters relating to life style.

PHYSICAL EDUCATION

45. PHYSICAL DEVELOPMENT AND WELL-BEING

A. Physical Growth and Development

Has a healthy body and physical well-being. Can meet extra demands on the muscular and respiratory systems without great discomfort, extreme fatigue, or danger to health. Understands and appreciates the need for good physical condition and posture. Works to achieve and maintain good physical condition.

B. Motor Skills, Movement, and Muscular Coordination

Has coordination, strength, endurance, vigor, flexibility, agility, balance and poise. Performs basic sport skills such as running, jumping, throwing and kicking. Exhibits a sense of timing and distance and an appropriate use of force in physical interaction with objects and other people.

46. SPORTS AND GAMES

A. Rules and Strategies of Sports and Games

Knows the vocabulary and concepts associated with sports and games. Understands and follows the rules and directions of sports, games, and team play. Uses the strategies of games and sports.

B. Skill in Sports and Games

Has skill in such sports as swimming, football, tennis, baseball, track, or basketball. Interacts well with other team members.

C. Physical Education Equipment

Knows how to use and maintain physical education equipment. Uses equipment properly and safely.

47. PERSONAL IMPACT OF PHYSICAL EDUCATION

A. Social and Psychological Impact of Physical Education

Directs anger and aggression into socially acceptable behavior. Demonstrates culturally approved patterns of personal behavior and personal relationships during participation in games, sports, and dance.

B. Group Activity and Sportsmanship

Is a good winner and a good loser. Has initiative, leadership, and the ability to be a good follower. Obeys the rules of the game. Is emotionally involved in the activity and has team spirit.

C. Interest and Independent Participation in Sports and Games

Participates in a variety of physical activities during leisure time. Analyzes own performance and tries to improve it.

SCIENCE

48. BIOLOGY

A. Nature, Origin, and Evolution of Life

Knows the chemical and physical characteristics of living matter. Understands the structure, organization and growth of living tissue. Compares the structure and functions of simple and complex forms of life. Knows of scientific explanations of origin and evolution of life. Understands the classification and naming of the forms of life.

B. Reproduction

Knows laws of genetics. Knows how knowledge of genetics and heredity has helped to explain the occurrence of physical traits and conditions. Knows the processes involved in sexual and asexual reproduction.

C. Plants

Knows and compares the major groups of plants and the important characteristics of each group. Understands plant growth and reproduction. Knows characteristics of protists and their effects.

D. Animals

Knows the major groups of invertebrate and vertebrate animals and their important characteristics. Compares the cellular, organ, muscle, and bone structures of the different groups of invertebrates and vertebrates.

E. The Biology of Man

Knows the organ, muscle, and bone structures of the human body and their functions. Compares the structures of the human body with other vertebrates. Knows the kind and amounts of food the human body needs. Understands the operation of the nervous, digestive, and other body systems.

F. Ecology

Knows and understands the relationship between all living things and their environments. Understands the kinds of changes that affect these relationships. Knows what kinds of plants and animals are found in different parts of the world and why.

49. CHEMISTRY

A. History, Theories, and Principles of Chemistry

Knows the history of the development of chemistry and the role of chemistry in other fields. Understands the explanations, principles, and laws dealing with chemical events.

B. Terminology, Symbols, and Element Families

Defines terms used in chemistry; knows names, symbols, and element families and their characteristics.

C. Atomic and Molecular Structure

Knows the parts of the atom and how they combine to form atoms; knows what molecules are and how they are formed by groups of atoms.

D. Chemical Reactions

Writes and balances reduction equations; understands chemical and nuclear reactions.

E. Carbon Compounds and Bio-Chemistry

Knows the structure, nomenclature, and characteristics of chemicals with carbon and hydrogen and other compounds that are organic (soap, wax, sugar, oil).

50. GENERAL SCIENCE

A. Geology

Knows the methods, instruments, and theories of geologists and geophysicists. Understands how the earth is measured. Knows geophysical properties of the earth and how geological and fossil records explain the earth's development. Understands the formation of rocks, topographic features, and land masses.

B. Weather Science

Knows the methods, instruments, and theories of meteorologists. Understands the properties and effects of air masses, air currents, and wind systems. Knows and understands the factors affecting climate and the major climatic regions of the world.

C. Ocean Science

Knows the methods, instruments, and theories of oceanographers. Describes the physical and chemical properties of ocean water. Knows about currents, tides, and the topographic features of the ocean floor.

D. Space Science

Knows the methods, instruments, and theories of astronomers. Knows the kinds of heavenly bodies found in interstellar space. Knows the special needs and problems related to space travel.

E. Investigative Skills and Scientific Method

Correctly uses laboratory equipment and procedures in the science studied. Observes safety rules and has knowledge of equipment. Applies mathematics correctly. Understands the scientific method, its nature and limitations. Knows the rationale and procedures of experimentation and the logic of theory building and theory testing.

51. PHYSICS

A. Mechanics

Understands the concepts of length, time, mass, velocity, acceleration, force, energy, momentum, and work. Knows the conservation laws of mass and energy. Applies vector and scalar algebra, Newton's laws, and other principles to problems of rocketry and satellite motion.

B. Kinetic Theory

Understands the assumptions and concepts of the kinetic interpretation of heat. Knows kinetic theory and the gas laws. Knows the states of matter and properties of gases. Applies gas laws to problems dealing with temperature, pressure, and volume.

C. Fields and Electricity

Knows the properties of electric and magnetic charge, electromagnetism and ionization. Knows how electric and magnetic charge is measured. Uses algebraic and statistical formulas to solve problems dealing with electric circuitry and magnetism.

D. Waves and the Propagation of Energy

Knows how energy is transferred, how waves are induced, and the different kinds of waves (light, sound, longitudinal, transverse, periodic) and their properties (frequency, period, amplitude). Understands reflection, refraction, resonance, polarization. Knows how to measure energy in waves.

E. Atomic and Nuclear Physics

Knows the structure of the atom. Knows the major models of the atom and the important differences between them. Knows and understands atomic and nuclear reactions and how atomic and nuclear energy is controlled.

SOCIAL STUDIES

52. ANTHROPOLOGY

A. Nature and Scope of Anthropology

Knows the major areas of study in anthropology, how the anthropologist studies societies, and how the methods of the anthropologist can be used to learn more about ourselves. Understands concepts such as culture, physical anthropology, cultural anthropology.

B. Characteristics of Cultures

Knows how man's languages and technology evolved. Knows components of a culture and a civilization. Knows why cultures have religion(s) and how societies determine their value systems. Understands concepts such as tools, symbols, civilization, family.

C. Human Evolution and Variations

Knows various types of primates and how primates evolved. Knows the criteria and mechanism of ethnic differentiation.

and the divisions and ethnic groups of man. Understands concepts such as evolution, genes, ethnic.

53. ECONOMICS

A. Business and Trade

Understands organization and operation of industry, problems in the production of goods, and various organizations that serve as regulators of industry. Knows how tariffs can influence prices, and how trade can influence production. Understands concepts such as labor union, minimum wage, import, export, balance of payments.

B. Economic Systems

Understands capitalism as an economic system, and how it functions in the United States. Knows structure and functions of other economic systems. Understands concepts such as national debt, deficit spending, fiscal year, wage freeze, taxes, communism, socialism, fascism.

54. GEOGRAPHY

A. Physical Geography

Knows world climate variations, population variations, land features, and origins of various natural landmarks. Understands concepts such as desert, mountains, continent.

B. Cultural and Social Geography

Knows where and why various cultures settled and why certain areas supported greater populations than others. Understands concepts such as population, settlement.

C. Political and Economic Geography

Knows how topography, resources, and climate affect man's activities. Knows specific areas of production of various products, and locations of various natural resources. Understands concepts such as resources and impact on national policy, production, transportation.

55. GOVERNMENT

A. United States Government

Knows structure of levels of government and functions of officials. Knows rights guaranteed to citizens by the Constitution, duties and responsibilities of citizens, and major governmental issues and problems. Understands concepts such as checks and balances, federalism, separation of powers, separation of church and state.

B. Other Types of Government

Knows and understands the structure of governments other than the United States and the functions of various officials in these governments.

C. Citizenship

Knows issues confronting governing bodies and attends meetings of local governing body; understands why laws are necessary in society, observes and obeys the law; understands methods of changing unjust laws; votes; opposes injustice.

56. HISTORY

A. Ancient History

Knows important events and persons from the beginning of recorded history to the fall of the Roman Empire and can place them in the correct time order. Understands reasons, causes, and effects of these events. Understands concepts such as organized religion, alphabet, Roman law.

B. Medieval History

Knows important events and persons from the fall of the Roman Empire to the fall of Constantinople in 1453, and can place them in the correct time order. Understands reasons, causes, and effects of these events. Understands concepts such as feudal system, crusade, scholasticism.

C. Modern World History

Knows important events and persons from the fall of Constantinople to the present, and can place them in the correct time order. Understands reasons, causes, and effects of these events. Understands concepts such as cold war, colonialism, imperialism, reformation, renaissance.

D. American History

Knows important events and persons from American history and can place them in the correct time order. Understands reasons, causes, and effects of these events. Understands concepts such as progressivism, federalism, sectional conflict, military-industrial complex, immigration.

E. State and Local History

Knows important events and persons from state and local history, and can place them in the correct time order. Understands reasons, causes, and effects of events and major developments of state and local history.

57. PSYCHOLOGY

A. The Nature and Scope of Psychology

Knows major fields and methods of psychological work, can name the place of psychology among the sciences (clinical psychology, animal psychology, experimental psychology).

B. Human Behavior

Knows various ways of measuring human behavior, how behavior develops, various principles of learning, and how biology influences behavior. Understands concepts such as intelligence, thinking, relation between heredity and environment, reinforcement, conditioning.

C. How Psychology Can Help People

Knows emotional problems of adolescents and types of mental illness. Knows processes involved in experimental psychology, and how experiments are used in different areas of psychology. Understands concepts such as mental health, mental illness, learning.

58. SOCIOLOGY

A. Man and His Society

Knows ways in which man becomes socialized and various ways society can affect the individual. Knows structure and function of social institutions and the role each plays in American society. Understands concepts such as educational system, family, religion, socialization.

B. Distribution and Organization of People

Knows how populations distribute themselves, what a class system is, various socio-economic groups in America, and problems associated with large populations. Understands concepts such as class, social mobility, overpopulation.

C. Social Change

Knows a variety of explanations for social change, forces operating for and against social change, and problems brought about by social change. Understands concepts such as status quo, technology, folkways, culture shock, future shock.

D. Minority Groups in America

Knows what constitutes a minority group, and the variety of minority groups in America. Knows traditional and current problems encountered by minority groups and how they have overcome and are attempting to overcome them. Understands

59. SOCIAL STUDIES SKILLS

A. Research Skills in Social Studies

Can locate and interpret information (statistical data, charts, maps, globes, historical writings and materials). Can apply the research techniques of the social scientists, such as sociological survey of the school or the local community.

B. Critical Thinking Skills in Social Studies

Can identify central issues and underlying assumptions in the social studies. Can evaluate evidence and draw warranted conclusions concerning positions taken by social scientists on important issues and assumptions.

C. Interest in Social Studies

Reads assigned classroom material, is attentive to current events dealing with various aspects of the social studies, expresses interest in further study of the social studies.

VOCATIONAL/CAREER EDUCATION

60. KNOWLEDGE AND SKILLS FOR VOCATIONAL SUCCESS

A. Agricultural Vocations

Knowledge and skills in agricultural production, supplies, services, mechanics, processing, inspecting, and marketing. Knowledge and skills of production, processing, marketing, and servicing ornamental horticulture. Knowledge of the conservation, utilization, and servicing of agricultural resources. Knowledge and skill for the production, processing, management, marketing, and services in forestry.

B. Distributive Vocations

Knowledge and skills in the marketing, selling, and servicing of advertising, apparel and accessories, automotive materials, finance and credit, flowers, food, general merchandise, hardware, building materials, farm and garden supplies, home furnishings, hotel and lodging services, industrial materials, and supplies, insurance, personal services, petroleum, real estate, recreation and tourism, and transportation.

C. Health Occupations

Knowledge and skills in dental assisting, medical laboratory assisting, nursing, practical nursing, nursing assisting, home health aid, and medical assisting.

D. Gainful Home Economics Vocations

Knowledge and skills in the care and guidance of children; clothing management, production, and services; food management, production, and services; services for home-furnishings and equipment; and institutional and home management and supporting services.

E. Office Occupations

Knowledge and skills in accounting and computing; business data processing systems; filing; office machines; general office clerical systems; information communication; office materials transporting, storing, and recording; personnel and personnel training; stenography; secretarial duties; supervision, administration, and management of offices; and typing.

F. Technical Vocations

Knowledge and skills in aeronautical technology, architecture, chemical technology, civil technology, electrical, electronic and electromechanical technologies, mechanical technology, and scientific data processing.

G. Trade and Industrial Occupations

Knowledge and skills for trades in air conditioning, appliance repair, automotive services, aviation, business machine maintenance, commercial art and photography, construction and maintenance, custodial services, diesel mechanics, drafting, electricity, electronics, fabric maintenance, graphic arts, maritime service, metal working, metallurgy, personal services, plastics, public service, quantity foods, refrigeration, small engine repair, stationary energy sources, textile production and fabrication, leatherworking, upholstering, and woodworking.

61. GENERAL VOCATIONAL APTITUDES

A. Clerical Aptitude

The ability to deal rapidly and accurately with numbers and letters. Checking, filing, and organizing without errors. Ability to deal with clerical details accurately.

B. Following Directions and Applications

The ability to learn and follow established procedures for performing vocational tasks. Ability to apply principles, processes, and techniques of the vocation and apply written directions and information. Attention to detail and quality standards.

C. Spatial Aptitude

Ability to visualize objects from drawings to their three-dimen-

sional realities. To visualize rotations and reorientations of the objects and to foresee what the objects will look like when changes are made in them.

D. Mathematical Facility

Facility to accurately and rapidly perform arithmetic computations and solve mathematical problems.

E. Vocational Creativity

Ability to create appropriate vocational responses to unforeseen situations. Artistic creativity in the production of goods and services.

F. Managerial Aptitude

Ability to motivate people to work cooperatively and to coordinate and supervise a variety of activities. Decision-making abilities and skill in formulating plans.

G. Interpersonal Skills

Ability to communicate effectively with people. Ability to influence and persuade people to do or buy things. Sales and political abilities.

62. GENERAL VOCATIONAL ATTITUDES

A. Vocational Responsibility

Willingness to assume responsibility, to increase one's responsibilities. Willingness to take initiative on the job and to exhibit stability under stressful situations.

B. Job Adaptability

Willing adaptability to routine chores of a job and adaptability to novel situations that occur on the job. Willingness to follow instructions and directions.

C. Vocational Relationships

On-the-job sociability with co-workers and with customers/clients. Concern for others on the job. Poise and self-confidence in dealing with others on the job. Good grooming and manners.

D. Career Preparation

Knowledge of career options, requirements, outlooks, and advancement opportunities. Knowledge of where career information can be found and how careers can be matched to individuals. Knowledge of how to keep and advance in careers and how to interview for jobs successfully.

63. VOCATIONAL INTERESTS

A. Mechanical-Manual Interests

Preference for working with machinery; manipulating, controlling, servicing, and designing machines; manual work and activities.

B. Social Interests

Preference for involvement with people; leading, selling to, persuading, serving, assisting, and working with people.

C. Theoretical Interests

Preference for mental work and working with ideas; expressing, writing, investigating, appreciating, and teaching ideas.

D. Outdoor Interests

Preference for outdoor work; working at all levels in the outdoors.

E. Creative Interests

Preference for creative work; artistic, musical, or literary creativity.

F. Office Interests

Preference for office work; clerically working with numbers, letters, and words in offices.

G. Domestic Interests

Preference for tasks relating to maintenance of home and family.

64. VOCATIONAL PERCEPTUAL AND MOTOR ABILITIES

A. Auditory Acuity

Sensitivity to sounds; their pitch, loudness, and duration. Sensitivity to sound combinations and what sounds mean or signify.

B. Visual Acuity

Accurate perception of form and color discrimination. Acute long-distance vision and close-up vision. Good depth, perception and visual judgment.

C. Coordination

Rapid and accurate eye-hand, eye-foot, and eye-hand-foot coordination. Quick and appropriate physical responses to sensory signals.

D. Dexterity

Quickness and skill in using hands and fingers to work with small and complicated objects.

E. Physical Stamina and Strength

Strength to perform heavy or arduous work and the stamina to keep at it for extended periods of time.

The goals and objectives listed above comprise the system into which all the tests were to be classified and upon which they would be evaluated in terms of the *what* that they measure. The breadth and extent of each goal's description was based upon a careful review of such documents as curriculum guides, textbooks, and district plans. Some of these resources are listed in Appendix A of this book to enable the reader to better understand the nature and direction of our categorization system.

The MEAN Evaluation System

Preparatory to the test evaluations, a thorough canvass of test catalogs and test publishers was undertaken, and all tests suitable or recommended for secondary students, except clinical and projective measures, were ordered. The regular list price was paid for all materials so as to avoid any implication of bias. The final collection of instruments includes approximately 1,100 tests, including over 5,400 subtests with separately normed scores. A subtest was to be evaluated if it yielded a separate score which the publisher or the organization of the test clearly indicated could be interpreted separately. Using this rule of interpretability, a test was either evaluated as a whole and for each of the subtests, or just as a whole, or just for the subtests. Each test and subtest was then categorized by grade level according to the claims or directions of the publisher. If the publisher gave no grade-level instructions, the evaluators estimated grade levels according to common curriculum sequences and item difficulties. The tests were then subjected to the MEAN evaluation procedure in order to identify and endorse those measures most appropriate, effective, and useful in assessing the status or progress of students or their schools. Only the materials provided by the test publisher or distributor were used for evaluation purposes. The primary concerns in the application of the MEAN system were the objectivity and consistency of the evaluations. To maximize both the objectivity for any one test evaluator and the consistency across evaluators, specific guidelines for evaluation

tion of each criterion and letter-grade assignment were adopted. Upon a test's or subtest's assignment to one of the educational goals it was subjected to an intensive evaluation according to the MEAN system, the evaluation method that was utilized, in slightly varied form, in three previous CSE test evaluation books, (*CSE Elementary School Test Evaluations*, *CSE-ECRC Preschool/Kindergarten Test Evaluations*, *CSE-RBS Test Evaluations: Tests for Higher-Order Cognitive, Affective, and Interpersonal Skills*). MEAN is an acronym reflecting the four critical areas of concern to test users: Measurement Validity, Examinee Appropriateness, Administrative Usability, and Normed Technical Excellence.

Thirteen of the thirty-nine MEAN criteria deal with empirical aspects of the test, mostly validity and reliability. A rule was generated that for these criteria the samples giving rise to the empirical data must contain some students in at least one of the two grades for a given evaluation (7-8/9-10/11-12) and must not include students more than one grade level above or below these grades. For specific course-like tests, e.g., chemistry or physics, the data supporting such tests (unless otherwise specified) are assumed to have arisen from the grade level at which the course is traditionally or usually taught, even though the course may not necessarily be grade specific. Consequently, the evaluations for other grades suffer. In general, tests which do not report data for each grade level, but for a range of grades larger than one grade above or below the two grades of an evaluation will also suffer. For example, the *Kuder Preference Record*, C presents data based on grades 9-12. The data for the grades 9-10 evaluation will not receive credit because grade 12 is more than one grade above grade 10. Likewise, the data for the grades 11-12 evaluation will not receive credit because grade 9 is more than one grade below 11.

Measurement Validity

Criteria. Members of the review team were instructed in the use of the taxonomy of educational goals and each test was judged according to its capacity to assess the particular goal that seemed most appropriate to it. Judgments were made in terms of the extent to which the items assessed the whole range of behavior or content subsumed under the particular goal, as well as the number of items within the scale that were actually focused on this goal behavior.

Frequently the independent judgment of several reviewers was that a test did not measure the goal indicated in its title.

In such cases, the test was assigned to the goal area which the evaluator agreed was more appropriate to it. Usually this was not too difficult a judgment to make since most tests did seem to have a recognizable focus that fit into the goal taxonomy. There were several types of tests, however, that did not fit easily into the taxonomy. If a test assessed characteristics not explicitly encompassed by any category of the taxonomy, it was assigned to the goal to which it appeared to be most relevant. If the test assessed behaviors or goals spanning several categories it was considered to be a measure of the goal that the plurality of its items appeared to assess. The underlying guideline for the assignment of a measure to a goal area was to place it where it would receive the maximum score on the Measurement Validity criterion.

In some instances where test title and assigned goal category did not appear to match, test evaluator judgments were preferred to the implications of the test titles. For example, the *McGuire Safe Driver Scale* appears to assess the emotional stability and maturity that is commonly assumed to be needed for safe driving. As such, it may very well find its place in an evaluation program within the curriculum area of driver and traffic safety. Because the items all deal with personality characteristics, however, the test was assigned into the affective area. This assignment practice should not be interpreted as a slur upon the nature or intention of the test, but simply as the result of trying to fit tests into goal categories that represent an arbitrary division of the secondary curriculum, and due to the effect of trying to fit many different tests with varying curricular and philosophical bases into one framework of goals.

Tests whose items were empirically derived, i.e., without an underlying theoretical base or rational intention, presented a different kind of goal assignment problem. The scales of the *Strong Vocational Interest Blanks for Men* illustrate how empirically derived items frequently do not appear to be related to the goal category the title suggests (any item significantly related to a vocational category is scored for that category, therefore if physicians generally like to knit, an item about liking to knit would be part of the physician scale). Where the items of a scale have been demonstrated to correlate with a given goal area, we relaxed our rule and assigned the scale to that goal. This exception was also followed in cases such as the *Strong Vocational Interest Blanks for Women* where there was no method available to the test evaluators for determining which items were used to score each of the many scales.

Point Assignment (0 to 15 points for grade)

- a. Is information provided that indicates that there was a rigorous selection of items and that the behavior domain was carefully sampled? A statement of confirmation that such was done was considered adequate, provided references were included as sources of information on the construction of the test. Frequently encountered and acceptable evidence included statements that the most popular textbooks were surveyed and objectives were inferred from their coverages, to more specific breakdowns in the curriculum areas and the actual specification of which items were designed to assess which specific behavior. The test was credited with 2 points if procedures or objectives breakdown were provided in detail; 1 point if a statement or reference was made that items were rigorously selected, and 0 points if no information was provided on item selection.
- b. What percentage of the range of behaviors, achievements, or objectives in the goal category do the items assess? The total set of items of the test was compared to the range of behaviors in the goal descriptions in order to estimate what percentage of that range of behaviors or objectives were assessed by the items. Rather than computing very precise percentages of the goal coverage, rater judgments credited the test with 1 point if fifty percent or more of the goal was assessed, and 0 points if less than fifty percent of the goal was deemed to be assessed.
- c. A second way of considering a test's relationship to a goal category is to ask what percentage of the items belong in the goal area or assess any of the behaviors and objectives that comprise the goal. This question was particularly important for tests that have wide achievement coverage but little depth in any one goal area. If more than sixty-seven percent of the items assess behaviors in the assigned goal category the test was credited with 2 points; if between thirty-three and sixty-seven percent of the items belonged the test was credited with 1 point; and if less than thirty-three percent of the items belonged the test was credited with 0 points.
- d. Were any empirical procedures used for screening or selecting the items? Empirical procedures included item

analyses, juries of experts, item difficulties, criterion-group analyses, or factor analyses; but these procedures had to be reported in some detail. If the procedures were reported, based upon samples of students including, but not more than one year above or below, the grade level for which the test was being evaluated, the test was credited with 1 point; if there was no report, or the report was based upon a different grade level, or upon too broad a grade-level range, or if reference only was made to empirical item selection procedures, the test received 0 points.

e. Does the trait, construct, or type of behavior that the test purports to measure have a supportive base in a specified educational, psychological, or learning theory? For tests in the affective and cognitive domains, we looked for references and support in theories of learning, cognition, emotion, or therapy/counseling. In the more educational areas, we looked for some kind of "justification" that supported the existence of the instrument. An example of this latter type of justification might be some statement like "in the past decade greater attention has been directed by educators to the teaching and learning of set theory as a basis for the understanding of mathematics." If such support is provided, the test was credited with 1 point; if not, the test was credited with 0 points.

f. Is there evidence that the test is not just a duplication of what is measured by other tests? The question is one of divergent validity and evidence for it generally consisted of the report of low correlations (less than $\pm .30$) or low relationships with other tests. If such evidence is presented, based on samples including, but not more than one year above or below, the grade level for which the test was being evaluated, the test was credited with 1 point; if not, the test was credited with 0 points.

g. Was factor analysis conducted to demonstrate the "purity" of the measured trait or construct? Factorial validity was considered demonstrated if, for a sample of students including, but not more than one year above or below, the grade level for which the test was being evaluated, there were correlations (factor loadings) between the test score and the factors, or among the items if test items had been factor analyzed. If such data were

available, the test was credited with 1 point; if not, the test was credited with 0 points.

h. Has the test been employed in experiments or evaluations with samples of students including, but not more than one year above or below, the grade level for which the test was being evaluated? If the test scores in such experiments appeared to have yielded meaningful results, the test was credited with 1 point; if not the test was credited with 0 points.

i. Are any concurrent validity studies (demonstrating correlation with some criterion measures obtained at the same time as the test) reported or specifically referred to, utilizing students at, but not more than one year above or below, the grade level for which the test was being evaluated, in which the criteria (not other scores of the same test) are related in a meaningful way to the goal behavior to which the test was assigned? If the criterion behavior was relevant and the coefficient was .70 or more, the test was credited with 2 points; if the coefficient was between .30 and .70, or the criterion behavior was not convincingly relevant, or there was reference only, the test was credited with 1 point; if no study was reported, coefficients were low, or the criterion was clearly irrelevant to the nature of the test, 0 points were credited.

j. Are any predictive validity studies (the criterion behavior, usually success at something, is obtained after a stated time interval) reported or specifically referred to, utilizing students at, but not more than one year above or below, the grade level for which the test was being evaluated, in which the criteria are related in a meaningful way to the goal behavior to which the test was assigned? If coefficients at or above .70 were reported with relevant criteria, a time interval of one month or more, and cross-validation shrinkage less than ten percent, the test was credited with 3 points. If the coefficient was at or above .70 with relevant criteria and a time interval of one month or more, but no mention of cross-validation or cross-validation shrinkage more than ten percent, the test was credited with 2 points. If only moderate coefficients (.30 to .70) were reported, or the criteria were of questionable meaningfulness, or else only references were made to

such studies, the test was credited with 1 point. If no study was reported or referred to or else the study was patently irrelevant, the test was credited with 0 points.

The Measurement Validity ratings were summed for a total rating, ranging from 0 to 15 points. These ratings were further translated into grades of G (good), 12 to 15 points; F (fair), 8 to 11 points; or P (poor), 0 to 7 points.

Examinee Appropriateness

Criteria. The second criterion of the MEAN evaluation system is that of appropriateness of the test materials, including content of the stimuli and mode or response, relative to the grade level of the examinees. All tests were classified by grade level prior to the review process. The first concern in this set of evaluations was with whether or not the test provided adequate and correct justification of itself to the examinee. We were most concerned that the test should not be misleading or deceptive.

Evaluation of the appropriateness of a test's level of comprehension took into consideration the test's content and instructions. Specifically, evaluation of content centered upon the difficulty of the items and also upon the relevance of interest-arousing aspects of the items. The evaluation of the test's instructions focused on clarity and comprehension.

The second major area where appropriateness is important is that of test format, both visual and auditory, and the test's timing and pacing. The visual principles employed in test-page layout were evaluated in terms of effective usage of Gestalt visual principles. The evaluation looked for specific format features such as sufficiency of white space between items, visual coherence of item stems and alternatives, and effective use of color as an aid in segregating items. Going beyond the whole-page format, the evaluation also considered the quality of illustrations and typography. Pictorial and geometric item material was evaluated according to the print clarity, representational meaningfulness, and ease of decoding. Similarly, evaluations of typography were made in terms of clarity, size, and type-face.

The psychometric problem of speed vs. power tests also found its place in the evaluation of examinee appropriateness. Published statements regarding the speededness of tests were corroborated, when possible, by consulting item difficulty indexes and score distributions. For each scale, pacing or time limits were judged for their appropriateness for the subject matter and for the exam-

ines. In almost all cases, power was preferred to speed as an attribute of tests of educational output.

The last aspect of appropriateness considered was the mode of response recording. Simple and direct connections between the item stem and the recording of a response were evaluated more favorably than complicated conversions from item stems to alternatives.

The various aspects of the criterion of Examinee Appropriateness could not be applied directly to assessment devices in the forms of rating scales, rating schedules, and observation schedules, where the examinee (the student being assessed) is not actively involved in responding to specific demands of the assessment device, but is merely behaving in his own manner. In the cases where the instrument demanded no active response from the examinee, the instrument was uniquely evaluated. Test justification and item comprehension were evaluated from the point of view of the student, while test instructions, format, time, and answer recording were evaluated from point of view of the rater.

Point Assignment (0 to 15 points for grade)

- a. Does the test justify itself by explaining to the examinee in an honest manner its purpose, intent, or recommended use? Misuse of test scores was not considered here, as no test has any control over how educators may misuse it. If the test, usually in its instructions, specifically relays the real or suggested purpose, intent, or use to the examinees; or if the manual suggests that such a justification be given in each situation; the test was credited with 1 point. If no purpose, intent, or use is specified; if the purpose or intent is disguised or concealed; or if the examinees are led to adopt ineffective test-taking strategies; the test was credited with 0 points. This criterion was evaluated rather liberally in most cases, so that a test whose instructions began "This is a test of your ability to spell..." was given credit for justification.
- b. Are the test items personally inoffensive and appropriate in terms of difficulty? If all the items appear to be inoffensive and approximately correct in difficulty level the test was credited with 2 points. If most of the items appear appropriate or there were a few serious typographic errors, the test was credited with 1 point. If many of the items were judged to be inappropriate be-

cause they are ambiguous or misleading, no one alternative is demonstrably correct or incorrect (for achievement tests), they are stated in unnecessarily complex language, are personally offensive, or the items are too simple or appear intellectually insulting in simplicity, the test was credited with 0 points.

- c. Are there known item difficulties for students at, but not more than one year above or below, the grade level for which the test is being evaluated? If empirically determined item difficulties are reported so that the item indexes range between .25 and .75, with a mean near .50 to .60, the test was credited with 2 points. If overall item difficulty ranges from .40 to .60, or the item difficulties range over a broad scale with a few very easy items (first ones) and few very hard items (last ones), the test was credited with 1 point. If the item difficulties, either overall or separately, are not reported or generally exhibit a bad range, the test was credited with 0 points.
- d. Are the items relevant and interesting for the grade level of the examinees? This rating was made somewhat independently of the content of the test, so that inherently more interesting subject matter did not necessarily profit from this rating. One way to rephrase this rating would be to ask: Given the nature of the subject matter, have the items been developed to be as relevant and interesting as they could be, or have they been developed to be somewhat less relevant or interesting? If the items were judged relevant and interesting, the test was credited with 1 point. If they were judged irrelevant, dull, or "bummers," the test was credited with 0 points.
- e. Are the test instructions appropriate and comprehensible? The instructions, either read by or to the examinees, were inspected for appropriateness of concepts, syntax, brevity, and vocabulary in order to arrive at this judgment. If the instructions exhibited appropriateness and comprehensibility on all counts, it was credited with 1 point; if not, the test was credited with 0 points.
- f. Are the instructions comprehensive in their description of task aspects? The question addressed was whether the instructions clearly and precisely describe all aspects of the tasks the test requires or leave necessary issues unanswered or unaddressed. If all task issues are described clearly and precisely, the test was credit-

ed with 1 point. If the descriptions are unclear or incomplete or leave issues unanswered, the test was credited with 0 points.

g. How can the test be administered? If the test is largely self-administering (requiring no administrator to read the instructions or pace the work) the test was credited with 1 point; if a separate administrator is required, the test was credited with 0 points.

h. Do the test instructions provide illustrative sample items? If the instructions include sample items that effectively clarify and accurately illustrate the task(s) involved in the test in such a way that they are truly representative of the format and difficulty of the items in the test, the test was credited with 1 point. If the sample items are not representative or not clarifying, the test was credited with 0 points.

i. Do the test pages (or materials) exhibit good layout from the point of view of ease of perception? Test layout was examined for effective use of perceptual organizers, such as adequate white space, regularity of item form, symmetry, clarity, continuity, and inclusiveness. If the test page layout is clear and helpful, the test was credited with 1 point. If the layout is unclear or confusing, the test was credited with 0 points.

j. Is the physical appearance of the test of high quality? For this rating attention was directed to the quality (bold, up-to-date) of the print and illustrations for printed tests, the quality of sound for auditory or taped tests, and quality and durability of any manipulanda for performance tests. If the quality was judged to be high, the test was credited with 1 point; if not, the test was credited with 0 points.

k. Is there coherence between item stems and answers? If item stems, their alternatives, and their answers appear as a unit, being in some way adjacent or "belonging to each other," the test was credited with 1 point. If the separate components of any item(s) appeared not to belong to each other, and therefore demanded great care of "untangling," the test was credited with 0 points.
l. Are the time and pacing of the test appropriate? Appropriateness of the time allowed for a test was dependent upon the subject matter tested, the grade level for which the test was employed, and the type of the item utilized.

Pacing devices, such as writing elapsed time on a blackboard, were considered helpful. The raters looked for evidence indicating that the test is characterized more as a power test than as a speeded test. Sources of evidence included percentages of examinees finishing items and the shape of the normed score distribution. Because tests of some skills should be speeded (reading speed, typing, motor coordination), a speeded nature for such tests was not rated a liability. With the exceptions just noted, tests judged to be power tests (not speeded) were credited with 1 point; while tests judged to be speeded were credited with 0 points.

m. Is there a simple and direct connection between the item stem and the examinee's recording of a response? If the responding is simple, such as oral answers, fill-ins, marking directly over alternatives, writing, drawing, or non-confusing answer sheets, the test was credited with 1 point. If the test is complicated by the need to engage in more than one step to get from the item to the answer, the test was credited with 0 points.

The Examinee Appropriateness ratings were summed for a total rating ranging from 0 to 15 points. These ratings are further translated into grades of G (good), 12 to 15 points; F (fair), 8 to 11 points; or P (poor), 0 to 7 points.

Administrative Usability

Criteria. After asking the questions: "What will it measure?" and "Is it designed for my students?" the next question was concerned with how usable the test is in terms of administration, scoring, interpretation, and decision making. These aspects of utilization comprised the third evaluation criterion of the MEAN system.

For general assessment of education output, a test that can be administered to a large group is desirable. Small-group and individually administered instruments, although having their unique advantages, are not efficient for educational evaluation. It should be noted that all individually administered tests therefore suffer from this evaluative decision, and consequently their ratings indicate less usability. It cannot be stressed too strongly, however, that this limitation of usability is relevant only to evaluation of educational programs and systems, and not to in-depth individual placement, diagnosis, or prognosis.

A second variable strongly affecting a test's utility is the

training necessary to administer the test properly. Since few schools have resident psychometrists, developmental psychologists, audiologists, or speech therapists, a test was deemed to have greater utility if it can be administered by the school staff, preferably the students' teacher or a paraprofessional.

The time necessary for test administration also affects its utility. Under the assumption that the average class period is about 54 minutes, tests were credited if they fit into one such time unit, but were not credited if their lengths necessitated special scheduling. In many tests subscale items are arranged in such a fashion that they are inseparable from the total test for the purpose of administration. The entire test must be administered to obtain any of the scale scores. The administration time for each scale is, therefore, the same as that required for the total test. The *High School Personality Questionnaire*, for example, requires over 55 minutes for administration of the total test, and each scale is rated on the basis that it too requires more than 55 minutes for administration.

The utility of a test is further affected by the scoring procedure it requires. Simple and objective hand or machine scoring of tests was considered optimal for utility, while difficult and subjective scoring received respectively less credit. Tests were rated as "objective and difficult" if the scoring procedure was described in the manual as objective, but the scoring materials were not provided for our inspection even though they were ordered or requested. Although the general usefulness of tests is not much altered by slight variations in scoring difficulty, tests scored on a purely subjective basis cannot be considered as reasonable candidates for educational evaluation instruments. For this reason, no purely projective measures were reviewed.

From a pragmatic viewpoint, while ease of administration and scoring are desirable, a much more basic consideration is that the scores obtained be interpretable. Normative interpretation of scores implies some method of score standardization, and standardization must be based on data obtained under standard conditions with a broad normative sample.

The samples utilized in test norming were evaluated according to two criteria—breadth and representativeness. A broad normative sample is one that includes a wider age group than the one for which the test is constructed, so that advanced and retarded students can be normatively assessed. A representative sample is one that reflects the current demographic composition of the nation, so that students can be comparatively assessed.

After the test has been administered to its normative sample, the raw scores from that sample are mapped into some standardized conversion system, the most common of which are centiles, standard scores, stanines, grade equivalents, T scores, and mental ages. There are many other such conversion systems used by different test publishers, but these are either uncommon or statistically naive. The normative score conversions were evaluated according to three criteria: common and general understandability, clearness of conversion tables, and personnel needed to interpret the scores.

In addition to the breadth of the sample, the norm group should also be representative of the variety of subgroups that comprise the national population. While a test normed on a restricted sample may be quite adequate for purely local needs, the trend in educational evaluation is not in that direction. With national questions being asked, federal support for education and related research, and national problems to be solved, a representative national normative sample becomes a most desirable quality of educational tests. To be considered good, the sample was expected to meet the criteria of recency, representation of geographic areas, ages, racial and ethnic origin, and types of schools. It might be important to note that not many test publishers have done their normative sampling very well, and that the technical manuals abound with misleading sampling techniques.

The final pragmatic consideration of a test's utility rested on whether or not decisions, either group or individual, could be made. Tests with manuals that clearly describe both score interpretation and subsequent prescriptive decisions that might be made were evaluated as better than those with doubtful decision-making utility.

Point Assignment (0 to 15 points for grade)

- a. To how large a group can the test be administered? For purposes of classroom or school evaluation it is important to economize on the time and effort in the administration of tests. If the test can be administered to groups of more than 35, according to the recommendations of the test manual, the test was credited with 2 points; if the group must number less than 35, the test was credited with 1 point; and if the test must be administered on an individual basis, the test was credited with 0 points.
- b. Who should administer the test? If regular school per-

sonnel, a principal or teacher or aide, can read the instructions, establish rapport, and conduct the pacing, the test was credited with 1 point; if special personnel, like an audiologist, psychologist, or counselor, are required, the test was credited with 0 points.

c. How long does it take to administer the test? If the test fits into a 54-minute period, including the instructions, the test was credited with 1 point; if more time is needed, the test was credited with 0 points.

d. How easy and objective is the scoring? In terms of time and budget limitations, it was considered desirable to have tests that could be rapidly scored within the school. If the scoring is objective and simple, utilizing a scoring guide, stencil, or template, or other straightforward process such as answer sheet or matching stencils, or if machine scoring is available, the test was credited with 2 points. If the scoring was objective but difficult, involving more than a stencil or template, such as scoring a written test, a maze-tracing test, or a line-drawing matching test, the test was credited with 1 point. If the scoring was subjective, requiring the scorer to make a non-trivial judgment, such as for creativity tests, essay examination, ratings, or projective-type tests, the test was credited with 0 points.

e. How broad is the test's norm range? If the upper and lower limits of the norm group are at least two years or grades beyond the levels for which the test is being evaluated (somewhat relaxed for age-based norms), the test is credited with 1 point; if the norm range is more restricted, the test is credited with 0 points.

f. How interpretable are the scores? The evaluation procedure looked for normed scores that were common and simple and could likely be understood and not misused by school personnel. If the normed scores were pass/fail, percentile ranks, mental ages, deviation IQ's, or grade equivalents, the test was credited with 1 point. If the normed scores were any other less common, or novel, or ambiguous conversion, or if no conversion from raw scores was provided, the test was credited with 0 points. g. How simple and clear is the process of converting the raw score to the normed or interpreted score? If the score conversion procedure is simple, involving one easy-to-understand step, such as a clear chart or table,

or if there is no conversion necessary, the test was credited with 2 points. If the score conversion is complicated by lack of clear or simple tables or graphs, or if it requires two steps to get from the raw to the converted scores (e.g., one must use one table to get into another table), the test was credited with 1 point. If the score conversion is complicated and lacking tables or graphs, or it requires many or complicated steps (e.g., one has to compute scores), the test was credited with 0 points.

h. Is the norm group representative of the national population? Six considerations comprised the evaluation of the representativeness of the groups used to norm the test: (1) Was the sample obtained through cluster, stratified, or random, rather than incidental sampling? (2) Was the norming done less than 5 years ago? (3) Was there geographic representation? (4) Was the appropriate age range represented and exhausted? (5) Was there racial/ethnic representation or were separate norms available? (6) Were population density characteristics (e.g., urban, suburban, rural, etc.) represented? If the answers to these questions, based upon convincing tabulation for the third, fourth, fifth, and sixth ones, was "yes" for five or six of them, the test was credited with 1 point. If there were fewer than five "yes" answers, the test was credited with 0 points.

i. Who can interpret the test scores? The rating examined whether or not regular school/staff personnel could interpret the test. The answer to this question was either found in an explicit statement in the test manual, or else was implied from the common and simple conversion system for the scores. If the score can be interpreted by school staff, the test was credited with 1 point; if not, the test was credited with 0 points.

j. Can decisions be made? This final evaluative aspect of the Administrative Usability criterion focused upon whether or not the test provided information useful for making any individual or group decisions. If the test or manual establishes definite relationships between scores and specific decisions through use of graphs, charts, cut-off scores, or other means which enable fairly specific decisions to be made that are not dependent upon clinical judgment (e.g., "a score of 30 or more means the student will very likely succeed if channeled

into introductory algebra"), the test was credited with 3 points. If the test indicates interpretation of scores that could or might lead to specific decisions, or merely presents interpretations or definitions rather than decisions (e.g.: the 75th centile means strong interest; a high score indicates a tendency toward neuroticism; or a low score suggests the need for further testing before remediation), the test was credited with 2 points. If the test provides vague or poorly defined guidelines for making decisions that are highly dependent upon judgment or some kind of intuition, the test was credited with 1 point. If the test provides little or no information useful for making decisions, the test was credited with 0 points.

The Administrative Usability ratings were summed for a total rating, ranging from 0 to 15 points. These ratings were further translated into grades of G (good), 12 to 15 points; F (fair), 8 to 11 points; or P (poor), 0 to 7 points.

Normed Technical Excellence

Criteria. The last major criterion of the MEAN evaluation procedure was concerned with the reliability, replicability, and refinement of measurement of the tests. Three types of reliability estimates were considered in this aspect of the MEAN evaluation: (1) test-retest reliability, appropriate for assessing a measure's (and an examinee's) long-range stability; (2) internal consistency reliability, useful in determining how coherently the test items assess some dimension of behavior; and (3) alternate-form reliability, desirable when educational effects are to be evaluated with alternate forms of a test.

Since all three types of reliability estimates are more or less relevant to questions of educational achievement assessment to an equal degree, they were all included as aspects of the MEAN evaluation procedure. This tactic was necessitated by the fact that selection of any one of the estimates with omission of the remaining two would do violence to the fourth-criterion rating for many of the test instruments. Where two or more estimates of the same type of reliability coefficient are reported, the ratings are based on the highest one.

Closely related to the concept of test reliability is that of replicability of procedures to obtain the normed scores. If procedures described in test manuals are complicated, non-specific, or based upon abnormal samples, the test is clearly not replicable in its findings and therefore is less useful for the educator.

The range of coverage is also an important aspect of a test's technical excellence. The range refers to how spread but the scores are, especially at the high and low ends. A restricted range of assessment limits the test's interpretability. A test with a wide range has obvious advantages, because both advanced and retarded students can be compared with the normative sample. If ranges for two or more groups are reported, the ratings are based on the distribution exhibiting the poorest features.

Related to the score distribution properties is the refinement or graduation of the converted scores. Test scores were desired that were transformed into centiles or grade placements or other refined gradations.

Point Assignment (0 to 15 points for grade)

a. Does the test exhibit stability? The consistency of scores over time spans of one month or more, based on a sample of students including, but not more than one year above or below, the grade level for which the test was being evaluated, as measured by test-retest reliability or by delayed alternate-form reliability is the subject of this evaluation. If the appropriate coefficient is .90 or more, the test was credited with 3 points; if .80 to .90, the test was credited with 2 points; if .70 to .80, the test was credited with 1 point; and if below .70, the test was credited with 0 points.

b. Does the test exhibit internal consistency? The consistency of items or parts within a test, based on a sample of students including, but not more than one year above or below, the grade level for which the test was being evaluated, as measured by split-half, Kuder-Richardson, or alpha coefficients is the focus of this evaluation. If the appropriate coefficient is .90 or more, the test was credited with 3 points; if .80 to .90, the test was credited with 2 points; if .70 to .80, the test was credited with 1 point; and if below .70 the test was credited with 0 points.

c. Does the test have alternate-form reliability? The correlation between alternate forms of a test, based on a sample of students including, but not more than one year above or below, the grade level for which the test was being evaluated, either on a delayed or immediate testing basis, is the subject of this evaluation. If the appropriate coefficient is .90 or above, the test was credited with 3 points; if .80 to .90, the test was credited

with 2 points; if .70 to .80, the test was credited with 1 point; and if less than .70, the test was credited with 0 points.

d. Can the testing procedures be duplicated? A test was deemed to be more desirable if the procedures of administration, scoring, and interpretation are sufficiently standardized so that results can be duplicated or replicated from the norm group. If the test provides uniformity of procedure for administering and scoring, the gross characteristics of the standardization group are replicable, and the materials, time limits (exceptions being interest and personality inventories), oral instructions, and preliminary demonstrations are precisely delineated, the test was credited with 1 point; if not, the test was credited with 0 points.

e. Does the test provide an adequate range of coverage? The focus of this evaluative criterion is the adequacy of the ceiling and floor of score distribution for the grade level (or the level plus no more than one year above or below) for which the test was being evaluated. If the score distribution has both tails drawn out, with no score at the maximum or minimum, the test was credited with 3 points. If the score distribution has only one long, drawn-out tail or some truncation with no score at the floor (lowest possible score) or ceiling (highest possible score), the test was credited with 2 points. If some of the norm sample reaches the floor or ceiling, the test was credited with 1 point. If no information is provided on the score distribution (or no conclusive information can be deduced from the normed scores) or the distribution of normed scores is badly skewed or truncated, the test was credited with 0 points.

f. How well graduated are the scores? Generally the ratio of the total number of raw-score units to the total number of converted scores actually presented should be of such a magnitude as to enable adequate discrimination among individuals. If the scores, based upon a sample including, but not more than one year above or below, the grade level for which the test was being evaluated, are graduated into centiles, grade equivalents, or mental ages (less graduation was accepted if the test had too few items to support such discrimination), the test was credited with 2 points. If

the scores are moderately graduated into deciles, stanines, T-scores, Z-scores or other similar scores, the test was credited with 1 point. If the scores are poorly graduated into pass-fail, quartiles, or novel scales, the test was credited with 0 points.

The Normed Technical Excellence ratings were summed for a total rating, ranging from 0 to 15 points. These ratings were further translated into grades of G (good), 12 to 15 points; F (fair), 8 to 11 points; or P (poor), 0 to 7 points.

Implementation of the MEAN Evaluation System

The team of test evaluators consisted of two Ph.D.'s, one in psychological measurement and one in educational research; an Ed.D. in counseling and guidance who is also a credentialed school psychologist; four Ph.D. candidates; one in evaluation, one in counseling; and two in psychology; and Ed.D. candidate in comprehensive curriculum who was a high-school teacher of social studies; an M.S. in educational research who was a secondary teacher of reading; five M.A.'s in educational research and evaluation; two M.A.'s in counseling; and an M.A. in public administration. This team brought relevant competencies to most of the many varieties of tests within the purview of the evaluation program. Tests in the foreign language area were evaluated by experts in the respective languages. Consultants who served as test evaluators are Dr. Casimir A. Alminas, Dr. Delina A. Halushka, Dr. Jacqueline Kosekoff, Dr. Marc-Andre Nadeau, Dr. Carmen Sanchez Sadek, Dr. Robert Wise, Dr. Gertrud Zeisl, Mrs. Sandra Bateman, Mrs. Dorothea Gordon, Mrs. Kim Hoa Granville, Mrs. Sybil D. Hast, Ms. Hana Kunstova, and Mr. Jon Pariser. The evaluation consultant for several of the technical music scales was Mr. Gary E. Diehl.

Each test was independently rated according to the MEAN system by at least two raters, each working without access to the other's ratings. For each subscale to be evaluated, each reviewer used a standard rating form (see Figure 1). The raters independently assigned each test or subtest to one of the goal categories. The final adjudication of both test assignment to goal area as well as the ratings on each of the four evaluation criteria was carried out by a third rater.

Within any of the four evaluative categories, a letter grade,

based on the points assigned to each aspect of each criterion, was computed. The sum of the points, ranging from 0 to 15, was the determinant of the letter grades in the following manner:

"G" (Good; 12-15 points). The test meets the criterion very well. Little improvement appears necessary for its immediate utilization. CSE would endorse such a measure or employ it in its own assessment efforts.

"F" (Fair; 8-11 points). The instrument is probably among the better tests available, but it does not completely meet the criterion. Alterations would probably render the test a candidate for "G" status. If no better qualified measure were available, the Center would employ an "F" measure, but would interpret results more cautiously.

"P" (Poor; 0-7 points). The instrument does not meet the criterion; it is clearly unsatisfactory in that area. Rather than employ such a measure for assessment, it would be better to seek an alternate device or attempt to develop one.

Each test then earned four letter grades by the MEAN system. The four-letter combination serves as the Center's official evaluation of the test. For example: Acme Reading Test (GFPF). It should be noted that not only are the MEAN criteria in the order of importance to the Center, but that the points possible for each aspect of any criterion reflect the importance placed on that aspect. Should the goals of the reader not coincide with those of the Center, then the MEAN evaluations should be interpreted with different emphasis.

Utilizing the evaluation procedure described above and the MEAN evaluation forms, all published tests that are generally available to educators and psychometrists (about 1,100 scales and

5,400 subscales) were evaluated and adjudicated. The evaluations appear in the bodies of the books in this series.

The MEAN Test Evaluations

In the following sections, all of the evaluative judgments for all available tests are presented. The tabular format is designed to provide a maximum of useful information in an organized and readable manner. Tests can be located by goal or by test name; they can be compared upon any or all of the standard evaluative criteria. The columns on all of the following pages follow the rating criteria in the same order as they have been discussed above. The numbers in the shaded section of each table indicate the range of points in which the judgments could be made, and are supplied in each table merely for reference.

Consistent with the strong commitment of the Center to objective-referenced measurement, each of the three evaluative books (one book each for grades 7-8, 9-10, and 11-12) is organized according to the hierarchy of educational goals outlined in the taxonomy above. To aid the reader, both goal and test name indexes are supplied at the end of this book. All test names are given as they appear on the tests themselves, and not necessarily as they appear in catalogs or common parlance (although such names are referenced in the Index of Tests). Parenthesized letters are publisher abbreviations; Appendix B lists all the pertinent publishers with their most recent addresses.

In conclusion, while the evaluations in this book present a rather bleak picture of the state of present-day evaluative instruments, the test evaluation staff of the Center willingly shoulders the responsibility for omissions, misinterpretations, and errors that may contribute to the bleakness.

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY				EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	TESTING GROUP SIZE	ADMINISTRATOR	TIME	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																				
COOPERATIVE ENGLISH TESTS Total English	(ETS)	1+1	0	0	1	0	0	0	0	0	0	1	2	1	1	1	0	1	1	1	0	1	2	1	0	2	1	3	2	P	G	F	F								
COOPERATIVE ENGLISH TESTS - READING COMPREHENSION Total Reading Comprehension	(ETS)	1	1	1	0	1	0	0	0	0	0	1	2	1	1	1	0	1	1	1	0	1	2	1	2	0	1	1	0	1	1	P	G	F	F						
COOPERATIVE INTER-AMERICAN TESTS - TESTS OF NATURAL SCIENCES: VOCABULARY AND INTERPRETATION OF READING MATERIALS	(GTA)	0	1	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	2	1	2	0	0	2	0	1	0	0	0	P	F	F					
COOPERATIVE INTER-AMERICAN TESTS - TESTS OF NATURAL SCIENCES: VOCABULARY AND INTERPRETATION OF READING MATERIALS Total	(GTA)	0	1	1	0	1	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	0	2	1	2	0	0	2	0	1	0	0	0	P	F	F					
COOPERATIVE INTER-AMERICAN TESTS - TESTS OF READING: ADVANCED Comprehension	(GTA)	0	1	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	1	2	1	2	0	0	2	0	1	0	0	0	P	F	F					
COOPERATIVE INTER-AMERICAN TESTS - TESTS OF READING: ADVANCED Total	(GTA)	0	1	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	2	1	2	0	0	2	0	1	0	0	0	P	F	F					
COOPERATIVE INTER-AMERICAN TESTS - TESTS OF SOCIAL STUDIES: VOCABULARY AND INTERPRETATION OF READING MATERIALS Interpretation	(GTA)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	0	0	2	1	2	0	0	2	0	1	0	0	0	P	F	F					
DAVIS READING TEST, SERIES 2 Level of Comprehension	(PC)	2	1	2	0	1	0	0	0	2	1	1	1	0	1	1	0	1	1	1	1	1	2	1	2	1	1	2	0	1	1	0	0	2	1	F	F	G	P		
DAVIS READING TEST, SERIES 2 Speed of Comprehension	(PC)	2	1	2	0	1	0	0	0	2	1	1	1	0	1	1	0	1	1	1	1	1	2	1	2	0	1	1	2	0	1	1	0	0	3	1	F	F	G	P	
DIAGNOSTIC READING TESTS Paragraph Hearing	(BMC)	0	0	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	P	F	F	P		
DIAGNOSTIC READING TESTS Speed	(BMC)	0	0	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	P	F	F	P		
DIAGNOSTIC READING TESTS Total Score	(BMC)	0	0	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	2	1	0	0	1	1	0	1	0	0	0	0	0	0	P	F	F	P	
DIAGNOSTIC READING TESTS: SECTION II, COMPREHENSION, SILENT AND AUDITORY Method of Administration 1	(CDRT)	1	1	2	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	2	1	0	2	1	1	2	0	1	0	0	0	0	3	2	P	F	F	P
DIAGNOSTIC READING TESTS: SECTION II, COMPREHENSION, SILENT AND AUDITORY Method of Administration 2	(CDRT)	1	1	2	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	2	1	0	2	1	1	2	0	1	0	0	0	0	3	2	P	F	F	P
DIAGNOSTIC READING TESTS: SECTION III, RATES OF READING Rate of Reading - Speeded	(CDRT)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	2	1	2	1	1	2	0	1	0	0	0	0	0	3	1	P	G	F	P
DIAGNOSTIC READING TESTS: SECTION III, RATES OF READING Rate of Reading - Unspeeded	(CDRT)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	2	1	2	0	0	2	0	1	0	0	0	0	0	3	1	P	G	F	P
DIAGNOSTIC READING TESTS: SECTION III, RATES OF READING Story Comprehension - Speeded	(CDRT)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	2	1	2	0	0	2	0	1	0	0	0	0	0	3	1	P	G	F	P
DIAGNOSTIC READING TESTS: SECTION III, RATES OF READING Story Comprehension - Unspeeded	(CDRT)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	2	1	2	0	0	2	0	1	0	0	0	0	0	3	1	P	G	F	P

SECONDARY GOAL TEST NAME

GROUP DIAGNOSTIC READING APPTITUDE AND ACHIEVEMENT TESTS Motor Tests Copying Test	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES														
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																																	
98. Formal Writing	(CHN)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	P	F	F	P	P									
SCHONELL DIAGNOSTIC ENGLISH TESTS Composition	(OB)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	4	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P						
99. Personal Writing																																																			
99. Creative Writing																																																			
SIMILES	(RPP)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P			
HILLING SCALE FOR MEASURING WRITTEN COMPOSITION Story Value	(ETSA)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P		
10. FORMS OF LITERATURE																																																			
10A. Knowledge and Understanding of Literature																																																			
MINNESOTA HIGH SCHOOL ACHIEVEMENT EXAMINATIONS Language Arts Grade 9	(AGS)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
MINNESOTA HIGH SCHOOL ACHIEVEMENT EXAMINATIONS Language Arts Grade 9	(AGS)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
MINNESOTA HIGH SCHOOL ACHIEVEMENT EXAMINATIONS Language Arts Grade 10 Literature Information	(AGS)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
POETRY TEST: JUNIOR HIGH SCHOOL	(PFC)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
POETRY TEST: SENIOR HIGH SCHOOL	(PFC)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
105. Sources of Literature																																																			
A MIDSUMMER NIGHT'S DREAM	(SCP)	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
A TALE OF TWO CITIES	(SCP)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
AMERICAN LITERATURE ANTHOLOGY TEST Civil War and the Westward Movement	(PFC)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																																																				
		CONTENT					CONSTRUCT					CONCURRENT					PREDICTIVE					REAL INTENT GIVEN					CONGRESSION					INSTRUCTIONS						FORMAT					TIME AND PACING					RECORDING ANSWERS					ADMINISTRATION					SCORING EASE					INTERPRETATION					CAN DECISIONS BE MADE?					RELIABILITY					REPLICABILITY					RANGE — COVERAGE					SCORE GRADATION	
IOWA TESTS OF BASIC SKILLS - LEVEL 14 Vocabulary	(HMC)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	0	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	1	2	2	3	0	1	1	2	P	F	G	P																																
IOVA TESTS OF EDUCATIONAL DEVELOPMENT Vocabulary	(SBA)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	2	0	1	1	2	3	0	1	1	2	P	F	F	F																																			
JASTAK TEST Verbal Reasoning	(RC)	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	2	1	1	2	1	0	2	0	1	0	0	0	0	1	3	2	0	0	0	1	3	P	F	F	P																																		
JASTAK TEST Vocabulary	(RC)	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	1	0	1	1	2	1	1	2	1	0	2	0	1	0	0	0	1	3	2	0	0	0	1	3	P	F	F	P																																				
JUNIOR SCHOLASTIC APTITUDE TEST Verbal	(EBB)	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	0	2	1	1	2	0	0	2	0	1	0	0	0	1	0	0	1	0	0	1	0	P	F	F	P																																			
MANCHESTER SCALES OF SOCIAL ADAPTATION Overall Total	(NFER)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																	
MANCHESTER SCALES OF SOCIAL ADAPTATION Social Perspective (General)	(NFER)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																	
MANCHESTER SCALES OF SOCIAL ADAPTATION Social Perspective (Scientific)	(NFER)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																	
MANCHESTER SCALES OF SOCIAL ADAPTATION Social Perspective (Total)	(NFER)	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																	
MATHEMATICAL AND TECHNICAL TEST Completing Pictures	(GH)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	1	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																	
McGRATH TEST OF READING SKILLS Word Meanings	(MPC)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	1	0	1	1	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																		
MEASUREMENT OF SKILLS Skill with Vocabulary	(AVA)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	2	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																		
MENTAL - ALERTNESS TEST, FORM A/1/2	(NIPR)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																			
METROPOLITAN ACHIEVEMENT TESTS, ADVANCED Total Reading	(HBA)	2	1	2	1	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	F	G	G	F																																		
METROPOLITAN ACHIEVEMENT TESTS, ADVANCED Word Knowledge	(HBA)	2	0	2	1	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	F	G	G	F																																			
MINNESOTA HIGH SCHOOL ACHIEVEMENT EXAMINATIONS Language Arts Grade 9 Vocabulary	(ASS)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																			
MINNESOTA HIGH SCHOOL ACHIEVEMENT EXAMINATIONS Language Arts Grade 10 Vocabulary	(ASS)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																		
MITCHELL VOCABULARY TEST	(NFER)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P																																			



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range:	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES											
		CONTEXT			CONSTRUCT			CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		COMPARE HENSON		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMIN. STATION		SCORING EASE			INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY		RANGE - COVERAGE		SCORE GRADATION
SRA VERBAL FORM Linguistic	(SRA)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	2	1	1	1	0	1	0	0	0	0	1	3	1	PFFP		
SRA VERBAL FORM Total	(SRA)	0	0	1	0	0	0	0	0	2	0	0	1	0	1	0	1	1	1	1	0	1	2	1	2	1	1	1	0	1	0	0	0	1	3	1	PFFP		
STANFORD ACHIEVEMENT TEST: ADVANCED Vocabulary	(HBU)	1	0	2	1	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	0	1	2	0	1	0	0	0	0	1	3	2	PGFP		
SURVEY OF READING ACHIEVEMENT: ADVANCED	(CTB)	1	0	1	0	1	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	1	2	1	2	0	1	2	0	1	0	0	0	1	3	2	PFFP	
SURVEY OF READING ACHIEVEMENT: JUNIOR HIGH LEVEL	(CTB)	1	0	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	0	1	1	0	1	2	1	2	0	1	2	0	1	0	0	0	1	3	2	PFFP	
SURVEY TEST OF VOCABULARY	(PF)	0	0	2	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	1	2	1	2	1	1	2	0	1	0	0	0	1	3	1	PFFP	
TEST OF ACTIVE VOCABULARY	(EP)	0	0	2	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	2	1	0	0	0	2	0	1	0	0	0	0	0	0	0	PFFP
TEST OF READING, INTER-AMERICAN SERIES, LEVEL 4 Speed of Comprehension	(GTA)	0	0	2	0	1	0	0	0	2	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	2	0	1	1	0	1	0	0	0	1	3	1	PGFP	
TEST OF READING, INTER-AMERICAN SERIES, LEVEL 4 Total	(GTA)	0	1	1	0	1	0	0	0	2	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	2	0	1	1	0	1	0	0	0	1	3	1	PGFP	
TEST OF READING, INTER-AMERICAN SERIES, LEVEL 4 Vocabulary	(GTA)	0	0	2	0	1	0	0	0	1	0	1	2	0	1	1	1	0	1	1	1	1	2	1	2	0	1	1	0	1	0	0	0	1	3	1	PGFP		
TEST OF READING, INTER-AMERICAN SERIES, LEVEL 5 Speed of Comprehension	(GTA)	0	0	2	0	1	0	0	0	2	0	1	2	0	1	1	1	0	1	1	1	1	2	1	2	0	1	1	0	1	0	0	0	1	3	1	PGFP		
TEST OF READING, INTER-AMERICAN SERIES, LEVEL 5 Total	(GTA)	0	0	2	0	1	0	0	0	2	0	1	2	0	1	1	1	0	1	1	1	1	2	1	2	0	1	1	0	1	0	0	0	1	3	1	PFFP		
TEST OF READING, INTER-AMERICAN SERIES, LEVEL 5 Vocabulary	(GTA)	0	0	2	0	1	0	0	0	2	0	1	1	0	1	1	0	1	1	1	1	1	2	1	2	0	1	1	0	1	0	0	0	1	3	1	PFFP		
TESTS OF GENERAL ABILITY: GRADES 6-9 Verbal	(SRA)	2	0	2	0	1	0	0	0	2	0	0	1	0	1	1	0	1	1	0	1	1	2	1	2	0	0	2	0	1	0	0	2	0	1	0	0	PFFP	
TESTS OF GENERAL ABILITY: GRADES 9-12 Verbal	(SRA)	2	0	2	0	1	0	0	0	0	0	0	1	0	1	1	1	0	1	1	0	1	2	1	2	0	0	2	0	1	0	0	2	0	1	0	0	PFFP	
THURSTONE TEST OF MENTAL ALERTNESS Linguistic	(SRA)	0	0	2	0	0	0	0	0	2	0	1	1	0	1	1	0	1	1	1	1	0	1	2	1	2	0	1	2	0	1	0	0	0	1	3	1	PFFP	
THURSTONE TEST OF MENTAL ALERTNESS Total	(SRA)	0	0	1	0	0	0	0	0	2	2	1	1	0	1	1	1	0	1	1	1	1	2	1	2	0	1	2	0	1	0	0	0	1	3	1	PFFP		
TRAXLER STUDENT READING TEST Total Comprehension	(BMC)	1	0	1	0	1	0	0	0	0	1	1	2	0	1	1	1	0	1	1	1	1	2	1	1	0	1	2	0	1	2	0	0	3	1	3	2	PGFF	



SECONDARY GOAL TEST NAME

27b. Inductive Reasoning	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES				
	CONTENT		CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		CONCERN		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMIN. STATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY		RANGE - COVERAGE		SCORE GRADATION					
ACADEMIC APPTITUDE TEST Comprehension of Relations	1	0	1	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	0	1	2	1	2	0	1	1	0	1	4	0	0	0	1	3	1	PFFP				
ACADEMIC APPTITUDE TEST Non-Verbal Intelligence	1	0	1	0	1	0	0	0	0	1	2	0	1	1	0	0	1	0	0	1	0	1	1	2	1	1	1	0	1	1	0	0	0	1	3	0	PPFP			
ACADEMIC PROMISE TESTS Abstract Reasoning	1	0	2	0	1	0	0	0	2	2	1	2	0	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	1	3	1	FGFP		
ACADEMIC PROMISE TESTS Abstract Reasoning + Numerical	1	0	1	0	1	0	0	0	2	2	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	0	1	2	0	1	0	0	3	1	3	1	PGFF		
ACADEMIC PROMISE TESTS Total	1	0	1	0	1	0	0	0	2	2	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	0	1	2	0	1	0	0	3	1	3	1	PGFF		
ACADEMIC PROMISE TESTS Verbal	1	0	2	0	1	0	0	0	2	2	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	1	3	1	FGFP		
ACADEMIC PROMISE TESTS Verbal + Language Usage	1	0	1	0	1	0	0	0	2	2	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	3	1	3	1	PGFF		
ACER ADVANCED TEST AQ	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	1	1	2	PFFP		
ACER ADVANCED TEST B 40	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	1	1	2	1	0	2	0	1	1	0	1	0	0	0	0	1	0	2	PFFP	
ACER ADVANCED TEST N	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1	2	1	0	2	0	1	1	0	1	0	0	0	0	1	0	2	PFFP	
ACER HIGHER TEST Linguistic	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	1	1	0	1	0	0	0	0	1	3	2	PFFP	
ACER HIGHER TEST Quantitative	1	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	1	1	0	1	0	0	0	0	1	3	2	PGFP	
ACER HIGHER TEST Total	1	0	2	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	1	1	0	1	0	0	0	1	3	2	PFFP		
ADVANCED PROGRESSIVE MATRICES	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	PGPP
AHA GROUP TEST OF GENERAL INTELLIGENCE Part II	1	0	1	0	0	0	0	0	0	0	0	2	0	1	0	1	0	1	1	1	1	1	2	1	1	2	1	0	1	0	1	0	0	0	0	0	0	0	0	PFFP
AHA GROUP TEST OF GENERAL INTELLIGENCE Total	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	1	0	1	0	0	0	0	0	0	0	0	PFFP
AHS GROUP TEST OF HIGH-GRADE INTELLIGENCE Part I	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	1	0	1	0	0	0	0	0	0	0	0	PFFP



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																			
		CONTENT	CONSTRUCT					CONCURRENT					REAL INTENT GIVEN	CORPSE HENSION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMIN. SITUATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																				
AHS GROUP TEST OF HIGH-GRADE INTELLIGENCE Part II	(NFB)	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	2	1	1	2	1	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	PPFP	
AHS GROUP TEST OF HIGH-GRADE INTELLIGENCE Total	(NFB)	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	0	1	0	1	2	1	0	2	1	0	1	0	1	0	1	2	1	0	2	1	0	1	0	1	0	2	0	0	0	0	2	0	0	0	0	PPFP
ANALYSIS OF RELATIONSHIPS	(CPP)	0	0	1	0	0	0	0	0	0	0	1	2	0	1	2	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	PGFP	
APTITUDE TESTS FOR OCCUPATIONS Scientific Aptitude	(CTB)	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	1	0	2	0	1	2	1	0	2	0	1	2	1	PFGP								
ARMY ALPHA EXAMINATION - FIRST NEBRASKA EDITION Relationships	(SPS)	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	0	1	2	1	1	2	0	1	1	0	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	PFPP									
BUSINESS TEST	(ATS)	0	0	1	0	1	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	0	1	2	1	1	2	0	0	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	PFGP									
CALIFORNIA ALGEBRA APTITUDE TEST Number Series	(AGS)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	PFPP									
CALIFORNIA SHORT-FORM TEST OF MENTAL MATURITY: LEVEL 4 Logical Reasoning	(CTB)	1	1	2	1	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	0	1	3	2	0	0	0	1	3	2	PFGP									
CALIFORNIA SHORT-FORM TEST OF MENTAL MATURITY: LEVEL 4 Non-Language	(CTB)	1	1	2	1	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	1	2	1	1	2	0	1	2	0	1	2	0	1	0	0	1	3	2	0	0	0	1	3	2	PFGP									
CALIFORNIA SHORT-FORM TEST OF MENTAL MATURITY: LEVEL 4 Total	(CTB)	1	1	1	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	0	1	1	2	1	1	2	1	1	2	0	1	1	1	2	0	0	1	3	2	0	0	0	1	3	2	PFGP									
CALIFORNIA TEST OF MENTAL MATURITY: LEVEL 3 Logical Reasoning	(CTB)	1	1	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	1	2	1	1	2	1	1	2	0	1	1	1	0	0	0	1	1	2	0	0	0	1	1	2	PFGP									
CALIFORNIA TEST OF MENTAL MATURITY: LEVEL 4 Logical Reasoning	(CTB)	1	1	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0	1	0	1	2	1	1	2	1	1	2	1	0	1	1	0	0	0	1	3	2	0	0	0	1	3	2	PFGP									
CANADIAN ACADEMIC APTITUDE TEST Non-Verbal Reasoning	(GCT)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	0	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	1	3	2	0	0	0	1	3	2	PFPP									
CANADIAN LOGIC-THORNDIKE INTELLIGENCE TESTS: LEVEL F Non-Verbal	(TNS)	1	1	2	0	1	0	0	0	0	1	1	1	2	0	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	0	2	0	1	3	2	0	2	0	1	3	2	PGFF									
CATTELL CULTURE FAIR INTELLIGENCE TEST - SCALE 2 Part I	(BMC)	0	1	2	0	1	0	0	0	0	0	0	2	0	1	1	0	0	1	1	1	1	1	2	1	1	2	1	1	2	0	1	0	0	0	0	0	1	1	2	0	0	0	1	1	2	PFPP									
CATTELL CULTURE FAIR INTELLIGENCE TEST - SCALE 2 Part II	(BMC)	0	1	2	0	1	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	2	1	1	2	1	1	2	0	1	0	0	0	0	0	1	1	2	0	0	0	1	1	2	PFPP									
CATTELL CULTURE FAIR INTELLIGENCE TEST - SCALE 2 Total	(BMC)	0	1	2	0	1	0	0	0	0	0	0	2	0	1	1	0	0	1	1	1	1	1	2	1	1	2	1	1	2	0	1	0	0	0	1	0	1	1	2	0	1	0	1	1	2	PFPP									
CGA MENTAL ABILITY TESTS: GRADES 6-9	(GCT)	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	PFPP									



SECONDARY GOAL TEST NAME

DOMINION GROUP TEST OF LEARNING CAPACITY - ADVANCED	(ACT)	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																																															
		CONTENT					CONSTRUCT					CONCURRENT					PRECICTIVE					REAL INTENT GIVEN					COMPARE-REVISION					INSTRUCTIONS						FORMAT					TIME AND PACING					RECORDING ANSWERS					ADMINISTRATION					SCORING EASE					INTERPRETATION					RELIABILITY					REPLICABILITY					RANGE - COVERAGE					SCORE GRADATION	
DOMINION GROUP TEST OF LEARNING CAPACITY - INTERMEDIATE	(ACT)	0	1	1	0	1	0	0	0	2	2	0	1	2	0	1	1	0	0	1	2	1	0	1	0	0	0	0	2	2	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	3	2	1	3	2	0	3	2	1	3	2	P	G	F	F	F			
EDUCATIONAL DEVELOPMENT SERIES: ADVANCED LEVEL Composite Score	(STS)	1	1	0	0	0	0	0	0	2	2	1	2	0	1	1	1	0	0	1	1	1	1	1	2	0	1	1	1	0	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	0	1	2	0	1	0	0	3	0	1	3	2	0	2	0	1	3	2	P	G	F	F	F									
EDUCATIONAL DEVELOPMENT SERIES: ADVANCED LEVEL Non-Verbal Reasoning	(STS)	0	1	2	0	0	0	0	0	1	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	3	2	0	2	0	1	3	2	P	G	F	F	F																						
EDUCATIONAL DEVELOPMENT SERIES: ADVANCED LEVEL Total Ability	(STS)	0	1	2	0	0	0	0	0	0	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	0	1	2	0	1	0	0	2	0	1	3	2	0	2	0	1	3	2	P	G	F	F	F																						
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL Composite Score	(STS)	0	1	0	0	0	0	0	0	2	2	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	0	1	2	0	1	0	3	3	3	1	3	2	0	3	3	1	3	2	P	F	F	F	G																						
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL Non-Verbal Reasoning	(STS)	0	1	2	0	0	0	0	0	1	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	3	2	0	2	0	1	3	2	P	G	F	F	F																						
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL Total Ability	(STS)	0	1	2	0	0	0	0	0	2	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	2	2	2	1	3	2	0	2	2	1	3	2	P	G	F	F	G																						
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL Verbal Reasoning	(STS)	0	1	1	0	0	0	0	0	2	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	2	2	2	1	3	2	0	2	2	1	3	2	P	G	F	F	G																						
EXPRESSION GROUPING	(SPS)	0	0	2	0	0	0	0	1	0	0	0	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	1	3	2	0	0	0	1	3	2	P	F	F	F	F																																		
FOREIGN LANGUAGE PROGNOSIS TEST: FORM A Word Translation English to Esperanto	(TCP)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	2	1	1	2	0	1	1	0	1	0	0	0	0	1	0	1	0	0	0	1	0	1	P	F	F	F	F																								
FOREIGN LANGUAGE PROGNOSIS TEST: FORM B Word Translation Esperanto to English	(TCP)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	2	1	1	2	0	1	1	0	1	0	0	0	0	1	0	1	0	0	0	1	0	1	P	F	F	F	F																								
GENERAL EMPLOYMENT REVIEW Perception and General Knowledge	(LLA)	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	2	1	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	F																								
GILLILAND LEARNING POTENTIAL EXAMINATION Non-Reading Total	(MRP)	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	2	1	1	0	1	1	0	1	0	1	0	2	1	1	0	0	2	0	1	0	0	0	0	0	0	2	2	0	0	0	0	2	2	P	F	F	F	F																						
GILLILAND LEARNING POTENTIAL EXAMINATION Quick Score	(MRP)	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	1	0	2	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	F														
GILLILAND LEARNING POTENTIAL EXAMINATION Relationships	(MRP)	0	0	2	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	0	1	1	1	2	0	1	1	0	0	1	0	1	0	2	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	F																
GILLILAND LEARNING POTENTIAL EXAMINATION Symbol Interpretation	(MRP)	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	2	1	1	0	0	0	1	0	1	0	2	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	F																	
GILLILAND LEARNING POTENTIAL EXAMINATION Symbolic Representation	(MRP)	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	2	1	1	0	0	0	1	0	1	0	2	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	F																	



SECONDARY GOAL TEST NAME

TEST NAME	Measuring Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES					
		CONTENT		CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		CUIP/REVISION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY		RANGE - COVERAGE		SCORE GRADATION						
KUHLMANN-ANDERSON TEST, BOOKLET-H Total Score	(PP)	0	1	1	1	0	0	1	0	2	3	1	2	0	1	1	1	0	1	1	1	1	0	0	2	1	1	2	0	1	2	0	1	0	0	3	3	3	1	3	2	FFFFG
KUHLMANN-FINCH TESTS Junior High School Test	(ASS)	1	2	0	1	0	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	3	0	1	3	2	PFFFF	
KUHLMANN-FINCH TESTS Senior High School Test	(ASS)	1	1	2	0	1	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	2	3	0	1	1	2	PFFFF	
LEE TEST OF ALGEBRAIC ABILITY	(BMC)	0	0	1	0	1	0	0	0	0	2	1	2	0	1	1	0	1	1	1	1	0	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	1	0	0	PFFFF	
LONG-THORNDIKE INTELLIGENCE TESTS: LEVEL F Non-Verbal	(HMC)	0	0	2	0	0	0	0	0	2	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	1	2	1	3	2	PGFFG	
MATHEMATICAL AND TECHNICAL TEST Completing the Series	(SH)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	PGPPP	
MATHEMATICAL AND TECHNICAL TEST Figure Series	(SH)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	PGPPP	
NEW SOUTH AFRICAN GROUP TEST, INTERMEDIATE Non-Verbal	(HSNC)	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	0	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	3	2	PPEPP	
NEW SOUTH AFRICAN GROUP TEST, INTERMEDIATE Verbal	(HSNC)	0	0	2	0	0	0	0	0	0	0	0	2	0	1	0	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	3	2	PFFFF	
NEW SOUTH AFRICAN GROUP TEST, SENIOR Non-Verbal	(HSNC)	0	0	2	0	0	0	0	0	0	0	0	2	0	1	0	1	0	1	1	0	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	3	2	PFFFF	
NEW SOUTH AFRICAN GROUP TEST, SENIOR Total	(HSNC)	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	0	1	1	1	2	1	0	2	0	1	2	0	1	0	0	3	0	1	3	2	PFFFF	
NEW SOUTH AFRICAN GROUP TEST, SENIOR Verbal	(HSNC)	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	3	2	PFFFF	
NORMAL BATTERY Mental Alertness	(NTRP)	0	0	2	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	3	2	PFFFF	
NORTHERLAND MENTAL TESTS	(SH)	0	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	0	1	0	1	1	0	1	0	0	0	0	1	0	0	PPPPP	
OTIS-LENNON MENTAL ABILITY TEST: ADVANCED LEVEL	(HBJ)	2	0	2	0	1	0	0	0	0	2	0	1	2	1	1	1	0	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	3	3	3	1	3	2	PGFFG	
OTIS-LENNON MENTAL ABILITY TEST: INTERMEDIATE LEVEL	(HBJ)	2	0	2	0	1	0	0	0	0	2	1	1	2	0	1	1	0	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	3	3	3	1	1	2	FFFFG	

SECONDARY GOAL TEST NAME

TEST NAME	Reliability	MEASUREMENT VALIDITY				EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																				
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	CONGRE. HENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINI. STATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																												
PRIMARY MENTAL ABILITIES FOR GRADES 6-9 Reasoning	(SRA)	0	1	2	0	1	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	1	2	1	1	2	0	1	0	0	3	0	1	3	2	P	F	F	P						
PRIMARY MENTAL ABILITIES FOR GRADES 6-9 Total Score	(SRA)	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	2	1	0	2	1	1	2	0	1	0	2	0	0	1	3	2	P	F	F	F			
PRIMARY MENTAL ABILITIES FOR GRADES 9-12 Reasoning	(SRA)	0	1	2	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	0	2	0	0	1	3	2	P	F	F	F			
PRIMARY MENTAL ABILITIES FOR GRADES 9-12 Total Score	(SRA)	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	2	1	0	2	0	1	2	0	1	0	3	0	0	1	3	2	P	F	F	F				
PURDUE NON-LANGUAGE PERSONNEL TEST	(UBS)	1	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	2	0	1	2	0	1	2	0	1	0	0	0	0	1	0	0	P	G	F	P			
SCHOOL AND COLLEGE ABILITY TESTS - SERIES II, LEVEL 2 Total	(ETS)	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	1	2	0	1	0	0	0	0	1	3	2	P	G	F	P				
SCHOOL AND COLLEGE ABILITY TESTS - SERIES II, LEVEL 2 Verbal	(ETS)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	1	2	0	1	0	0	0	0	1	3	2	P	G	F	P				
SCHOOL AND COLLEGE ABILITY TESTS - SERIES II, LEVEL 3 Total	(ETS)	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	1	2	0	1	0	0	0	0	1	3	2	P	F	F	P				
SCHOOL AND COLLEGE ABILITY TESTS - SERIES II, LEVEL 3 Verbal	(ETS)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	1	2	0	1	0	0	0	0	0	0	0	0	P	F	F	P			
SCHUBERT GENERAL ABILITY BATTERY Relations	(HS)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	1	2	0	1	0	0	0	0	0	0	0	0	P	F	F	P			
SCHUBERT GENERAL ABILITY BATTERY Abstraction	(BSB)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	1	2	0	0	0	0	0	0	0	0	0	0	P	F	F	P			
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 4 Analogies	(CTB)	1	0	2	1	1	0	0	0	1	0	1	0	0	1	1	0	1	1	0	1	1	1	2	1	2	0	1	2	0	1	1	0	2	1	1	1	0	2	0	1	0	P	F	F	P
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 4 Non-Language	(CTB)	1	1	2	1	1	0	0	0	2	0	1	1	0	0	1	1	0	1	1	0	1	1	2	1	2	0	1	2	0	1	1	0	2	0	1	2	2	0	0	P	F	F	P		
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 4 Sequences	(CTB)	1	0	2	1	1	0	0	0	1	0	1	0	0	1	2	0	1	1	1	0	1	1	2	1	2	0	0	2	1	1	1	0	1	0	0	1	0	0	P	F	F	P			
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 4 Total	(CTB)	1	1	1	1	1	0	0	0	2	0	1	1	0	1	1	0	1	1	1	1	1	2	1	2	0	1	2	0	1	1	1	0	3	0	1	3	2	P	F	F	P				
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 5 Analogies	(CTB)	1	0	2	1	1	0	0	0	1	0	1	0	0	1	1	0	1	1	0	1	1	1	2	1	2	0	0	2	1	1	1	0	2	0	1	0	0	P	F	F	P				
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 5 Non-Language	(CTB)	1	1	2	1	1	0	0	0	2	0	1	1	0	0	1	1	0	1	1	0	1	1	2	1	2	0	0	1	2	0	1	1	0	3	0	1	3	2	P	F	F	P			
SHORT FORM TEST OF ACADEMIC APTITUDE - LEVEL 5 Sequences	(CTB)	1	0	2	1	1	0	0	0	2	0	1	2	0	1	1	0	1	1	0	1	1	1	2	1	2	0	0	2	1	1	1	0	2	0	1	0	0	P	G	F	P				



SECONDARY GOAL TEST NAME

SECONDARY GOAL TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES								
		CONTENT		CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		COMPREHENSION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY		RANGE - COVERAGE		SCORE GRADATION									
DECORATIONS	(SPS)	0	0	2	0	1	0	1	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	2	0	1	0	0	0	2	0	1	3	1	P	F	F	P	P
EXPRESSIONAL FLUENCY	(SPS)	0	0	2	0	1	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	1	2	1	P	F	F	P	P	
IDEATIONAL FLUENCY I	(SPS)	0	0	2	0	1	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	3	1	P	F	F	P	P	
MAKING OBJECTS	(SPS)	0	0	2	0	1	0	1	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	0	0	1	1	0	1	0	0	0	0	0	1	3	2	P	F	F	P	P
MATCH PROBLEMS V	(SPS)	0	0	2	0	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	P	F	F	P	P
MEASUREMENT OF SKILLS WITH WORDS	(MVA)	0	0	2	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	0	1	2	0	0	0	0	0	0	1	0	0	P	G	P	P	P	
PLOT TITLES Ideational Fluency	(SPS)	0	0	2	0	1	0	0	0	0	0	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	0	0	1	2	0	1	0	0	0	0	1	1	1	P	F	F	P	P	
POSSIBLE JOBS	(SPS)	0	0	2	0	1	0	1	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	1	0	1	0	0	2	0	1	2	1	P	F	F	P	P	
SEEING PROBLEMS	(SPS)	0	0	2	0	1	0	1	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	2	0	1	0	0	0	0	1	3	1	P	F	F	P	P	
SIMILE INTERPRETATIONS	(SPS)	0	1	2	0	1	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	1	2	0	1	0	0	0	0	1	0	0	P	F	F	P	P	
SKETCHES	(SPS)	0	0	2	0	1	0	1	0	0	0	2	0	1	1	2	0	1	1	1	1	1	1	2	1	1	0	0	1	2	0	1	0	0	0	0	1	3	1	P	F	F	P	P	
TEST OF CREATIVE POTENTIAL License Plate Words	(M)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	1	0	0	P	G	F	P	P	
TEST OF CREATIVE POTENTIAL Picture Decorations	(M)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	0	0	2	0	1	0	0	0	0	1	0	0	P	G	F	P	P		
TEST OF CREATIVE POTENTIAL Idioms	(M)	1	1	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	1	0	0	P	G	F	P	P	
TEST OF CREATIVE POTENTIAL Whitting Words	(M)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	1	0	0	P	G	F	P	P	
TORRANCE TESTS OF CREATIVE THINKING: THINKING CREATIVELY WITH PICTURES Figural Elaboration	(PP)	1	1	2	0	1	0	0	0	0	1	1	0	1	1	1	0	0	1	0	1	1	1	2	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
TORRANCE TESTS OF CREATIVE THINKING: THINKING CREATIVELY WITH PICTURES Figural Fluency	(PP)	1	1	2	0	1	0	0	0	0	1	1	0	1	1	1	0	0	1	0	1	1	1	2	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
TORRANCE TESTS OF CREATIVE THINKING: THINKING CREATIVELY WITH WORDS Verbal Elaboration	(PP)	1	0	2	0	1	0	0	0	0	1	0	0	1	1	1	0	0	1	0	1	1	1	2	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	P	F	F	P	P	



SECONDARY GOAL TEST NAME

Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES								
	CONTENT		CONSTRUCT		CONCURRENT		PREDICTIVE		COMPARE: HESITATION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMIN. STRATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		RANGE - COVERAGE		SCORE GRADATION													
	Item Selection	% Goal Assessed	% Items Belonging	Empirical Item Sel.	Theoretical	Divergent	Factorial	Experimental	REAL INTENT GIVEN	Item Appropriateness	Item Difficulties	Item Relevance	Concepts, Vocabulary	Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence	Testing Group Size	Administrator	Time	Norm Range	Score Interpretation	Score Conversion	Norm Group	Score Interpreter	Test - Retest	Internal Consistency	Alternate Form	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION											
(STS)	0	2	0	0	0	0	2	1	1	2	0	1	1	1	0	1	1	1	1	1	0	1	2	1	1	2	0	1	2	0	1	2	2	2	2	1	3	2	PFFG					
(HMC)	2	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	1	2	2	PFGP					
(SRA)	2	1	1	0	1	0	0	0	2	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	0	1	2	1	2	0	1	2	2	PFGP					
(PA)	0	0	1	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	1	0	0	0	1	0	PFFP		
(ASS)	0	1	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	0	2	0	1	2	0	1	1	0	0	0	1	3	2	0	0	1	3	PFFP	
(GTB)	0	1	1	0	1	0	0	0	2	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	0	2	1	1	2	0	1	2	1	3	0	1	0	2	0	0	1	0	PFGP	
(SRA)	0	1	1	0	0	0	0	2	2	2	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	1	2	1	1	1	1	2	0	0	1	1	PFFF
(STS)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	0	0	1	2	0	1	0	0	0	1	3	2	0	0	0	1	3	PFGP	
(ETS)	2	1	2	0	1	0	0	0	2	0	1	2	1	1	1	1	0	1	1	1	1	0	2	1	1	2	1	1	1	0	1	1	0	2	2	1	3	2	0	0	0	1	3	FGFF
(ETS)	2	0	1	0	1	0	0	0	0	0	1	2	1	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	0	1	3	2	0	0	0	1	3	PGFP
(PC)	1	1	1	0	1	0	0	2	2	2	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	3	1	3	1	0	0	3	1	3	FGFF
(ACER)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	0	1	0	1	0	0	0	0	1	3	1	0	0	0	1	3	PGFP
(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	0	1	0	1	0	0	1	0	1	PFFP
(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	0	1	0	1	0	0	1	0	1	PFFP
(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	0	1	0	1	0	0	1	0	1	PFFP
(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	0	1	0	1	0	0	1	0	1	PFFP
(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	0	1	0	1	0	0	1	0	1	PFFP
(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	0	1	0	1	0	0	1	0	1	PFFP

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																																											
		CONTENT	CONSTRUCT					CONCURRENT					PREDICTIVE					REAL INTENT GIVEN					COMPARE HENSION					INSTRUCTIONS					FORMAT					TIME AND PACING					RECORDING ANSWERS					ADMINISTRATION					SCORING EASE					INTERPRETATION					RELIABILITY					REPLICABILITY					RANGE — COVERAGE					SCORE GRADATION		
AMERICAN NUMERICAL TEST	(PA)	0	0	2	0	1	0	0	0	0	0	0	1	2	0	1	4	1	0	1	1	1	1	0	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P																
AMERICAN SCHOOL ACHIEVEMENT TESTS, ADVANCED BATTERY Arithmetic	(BMC)	1	1	2	0	1	0	0	0	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	2	1	0	2	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P																
AMERICAN SCHOOL ACHIEVEMENT TESTS, ADVANCED BATTERY Arithmetic Computation	(BMC)	1	1	2	0	1	0	0	0	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	0	2	0	2	0	1	0	2	0	2	0	1	0	2	P	F	F	F	P																							
AMERICAN SCHOOL ACHIEVEMENT TESTS, ADVANCED BATTERY Arithmetic Problems	(BMC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	2	0	1	0	2	0	2	0	1	0	2	0	2	0	1	0	2	P	F	F	F	P																							
AMERICAN SCHOOL ACHIEVEMENT TESTS, ADVANCED BATTERY Total Average	(BMC)	1	1	0	0	1	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	2	1	0	2	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P																							
ANALYSIS OF LEARNING POTENTIAL, ADVANCED I BATTERY Mathematics Composite Prognostic Score	(HBJ)	1	0	2	0	0	0	0	0	0	2	0	1	1	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	0	0	1	1	0	3	2	1	3	2	0	3	2	1	3	2	0	3	2	1	3	2	P	F	F	F	P																							
ANALYSIS OF LEARNING POTENTIAL, ADVANCED II BATTERY Mathematics Composite Prognostic Score	(HBJ)	0	0	1	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	1	1	1	1	0	2	1	1	2	0	1	0	1	1	1	0	2	2	1	3	2	0	2	2	1	3	2	0	2	2	1	3	2	P	F	F	F	P																							
ANALYTICAL SURVEY TEST IN COMPUTATIONAL ARITHMETIC Decimals	(BMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	1	1	2	1	1	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P																							
ANALYTICAL SURVEY TEST IN COMPUTATIONAL ARITHMETIC Fractions and Mixed Numbers	(BMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P																							
ANALYTICAL SURVEY TEST IN COMPUTATIONAL ARITHMETIC Operations with Whole Numbers	(BMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P																							
ANALYTICAL SURVEY TEST IN COMPUTATIONAL ARITHMETIC Percentages	(BMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P																							
ANALYTICAL SURVEY TEST IN COMPUTATIONAL ARITHMETIC Total	(BMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P																							
APPRAISAL OF OCCUPATIONAL ABILITIES Arithmetic Computation and Reasoning	(HMC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	P	G	F	F	P																							
ARITHMETIC ACHIEVEMENT TESTS, LEVEL 8 Computation	(BMC)	1	1	1	2	0	1	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	3	2	0	0	0	1	3	2	0	0	0	1	3	2	P	F	F	F	P																							
ARITHMETIC REVIEW	(LLA)	0	0	2	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P																							
ARITHMETIC PROBLEMS A/68	(NIPR)	0	0	2	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	3	1	0	0	0	0	3	1	0	0	0	0	3	1	P	F	F	F	P																							
ARMY ALPHA EXAMINATION - FIRST NEBRASKA EDITION Numerical	(SPS)	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P																							
BASIC SKILLS IN ARITHMETIC	(SPA)	2	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	0	2	1	1	2	0	1	1	0	3	0	0	1	2	0	3	0	0	1	2	0	3	0	0	1	2	P	F	F	F	P																							



SECONDARY GOAL TEST NAME

MEASUREMENT VALIDITY	EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES												
	CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	CONPRE HESION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMIN. STATION	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																			
BRIEF SURVEY TEST OF ARITHMETIC SKILLS Computation (BMC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	4	1	0	1	0	1	0	0	0	0	1	3	2	PFFP					
BRIEF SURVEY TEST OF ARITHMETIC SKILLS Reasoning (BMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	2	0	1	0	0	0	0	1	1	PFFP				
BRIEF SURVEY TEST OF ARITHMETIC SKILLS Total (BMC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	0	1	2	0	1	0	0	0	0	1	3	2	PFFP				
CALIFORNIA ACHIEVEMENT TESTS: LEVEL 4 Mathematics Computation (CTB)	2	1	2	0	1	0	0	0	0	0	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	3	0	1	1	2	PGGP				
CALIFORNIA ACHIEVEMENT TESTS: LEVEL 4 Mathematics Total (CTB)	2	1	2	0	1	0	0	0	0	0	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	3	0	1	3	2	PGGF				
CALIFORNIA ACHIEVEMENT TESTS: LEVEL 5 Mathematics Computation (CTB)	2	1	2	0	1	0	0	0	1	0	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	3	2	1	1	2	PGGF				
CALIFORNIA ACHIEVEMENT TESTS: LEVEL 5 Mathematics Total (CTB)	2	1	2	0	1	0	0	0	2	0	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	3	3	3	1	3	2	FGGG			
CALIFORNIA ALGEBRA APTITUDE TEST Problems (AGS)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	PFFP			
CALIFORNIA ALGEBRA APTITUDE TEST Total (AGS)	1	1	1	0	1	0	0	0	0	2	1	2	0	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	3	0	1	3	2	PFFF			
CALIFORNIA SHORT-FORM TEST OF MENTAL MATURITY: LEVEL 4 Numerical Reasoning (CTB)	1	0	2	1	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	PFGP			
CALIFORNIA TEST OF MENTAL MATURITY: LEVEL 3 Numerical Reasoning (CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	2	PFGP			
CALIFORNIA TEST OF MENTAL MATURITY: LEVEL 4 Numerical Reasoning (CTB)	1	0	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	1	2	2	PFGP			
CANADIAN ACADEMIC APTITUDE TEST Mathematical Reasoning (GCT)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	0	1	0	PFFP	
CANADIAN ACHIEVEMENT TEST IN TECHNICAL AND COMMERCIAL MATHEMATICS Commercial (GCT)	0	1	1	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	0	1	0	PFFP
CANADIAN ACHIEVEMENT TEST IN TECHNICAL AND COMMERCIAL MATHEMATICS Technical (GCT)	0	1	1	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	3	2	0	1	0	PFFP
CANADIAN MATHEMATICS ACHIEVEMENT TEST Arithmetic Computation (GCT)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	0	1	0	PFFP
CANADIAN MATHEMATICS ACHIEVEMENT TEST Facts, Terms, and Concepts (GCT)	0	0	1	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	3	2	0	1	0	PFFP
CLERICAL SKILLS SERIES Arithmetic (NB)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	0	0	0	PFFP

SECONDARY GOAL TEST NAME

TEST NAME	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES					
	CONTENT	CONSTRUCT		CONCURRENT		PREDICTIVE	REAL INTENT, GIVEN		COMPREHENSION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?			RELIABILITY		REPLICABILITY		SCORE GRADATION
39A. Personal Response to Music	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-2	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-3	0-3	0-3	0-1	0-3	0-2	G.L.A.	
39B. Judgmental Response to Music																																
PERSONALITY CHARACTERISTICS																																
40. TEMPERAMENT																																
BROOK REACTION TEST - EXPERIMENTAL EDITION Multiple Themes	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
BROOK REACTION TEST - EXPERIMENTAL EDITION Omissions	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
BROOK REACTION TEST - EXPERIMENTAL EDITION Questionable	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
BROOK REACTION TEST - EXPERIMENTAL EDITION Sexual	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
BROOK REACTION TEST - EXPERIMENTAL EDITION Unclassifiable	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
BUTTONS Content Score	(MPS)	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.P.F.P.	
BUTTONS Initial Score	(MPS)	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.P.P.P.	
BUTTONS Total Score	(MPS)	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.P.F.P.	
JESNESS INVENTORY Social Maladjustment	(CPP)	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
JESNESS INVENTORY Value Orientation	(CPP)	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
MCQUIRE SAFE DRIVER SCALE	(MPS)	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.F.F.P.	
MINNESOTA RATING SCALE FOR PERSONAL QUALITIES AND ABILITIES	(MUP)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.G.P.P.	
ROTTER INCOMPLETE SENTENCES BLANK	(PC)	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P.G.P.P.	

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																			
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																																					
GETTING ALONG Getting Along with One's Self	(TL)	1	0	2	0	0	0	0	0	1	0	1	1	1	0	0	1	0	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	P	P								
GORDON PERSONAL PROFILE Responsibility	(HB-1)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	P	G	F	F	P				
GROUP PERSONALITY PROJECTIVE TEST 'Withdrawal'	(PT-1)	0	0	0	0	1	0	0	0	0	0	1	2	0	1	0	1	1	0	1	1	1	2	1	1	2	0	0	1	0	1	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	P	P					
GUILFORD-HOLLEY I INVENTORY Mechanousness	(SP-1)	1	0	1	0	1	0	0	0	0	0	0	2	0	1	1	1	0	0	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	P				
HAND TEST Average Initial Reaction Time	(HPS)	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	P			
HAND TEST Number of Responses	(HPS)	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	P		
HOW WELL DO YOU KNOW YOURSELF Consistency	(EAC)	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	P	G	F	F	P		
HOW WELL DO YOU KNOW YOURSELF Practicality	(EAC)	1	0	2	0	0	0	0	0	0	0	2	0	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	P	G	F	F	P		
HOW WELL DO YOU KNOW YOURSELF Punctuality	(EAC)	1	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	P	G	F	F	P		
HOW WELL DO YOU KNOW YOURSELF Seriousness	(EAC)	1	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	P	G	F	F	P		
JESNESS BEHAVIOR CHECKLIST Observer	(CP)	1	0	2	0	1	0	0	0	0	0	0	2	0	1	0	1	1	0	1	1	1	0	1	1	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	P		
JESNESS BEHAVIOR CHECKLIST Insight vs. Unawareness and Indecisiveness	(CP)	1	0	2	0	1	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	2	1	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
JESNESS BEHAVIOR CHECKLIST Self-Appraisal	(CP)	1	0	2	0	1	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	2	1	1	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
JUNIOR-SENIOR HIGH SCHOOL PERSONALITY QUESTIONNAIRE Insight vs. Unawareness and Indecisiveness	(CP)	1	0	1	0	1	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	2	1	1	2	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
JUNIOR-SENIOR HIGH SCHOOL PERSONALITY QUESTIONNAIRE Disregards Rules vs. Conscientious	(IPAT)	1	0	1	0	1	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	2	1	0	2	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
JUNIOR-SENIOR HIGH SCHOOL PERSONALITY QUESTIONNAIRE Uncontrolled vs. Controlled	(IPAT)	1	0	1	0	1	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	2	1	0	2	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
MANCHESTER SCALES OF SOCIAL ADAPTATION Responsibility in Home	(MFER)	0	0	2	0	1	0	0	0	0	0	0	2	0	1	1	1	0	0	1	1	1	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	P	
MICHIGAN PICTURE TEST - Verb Tense	(SRA)	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	P
MINNESOTA IMPORTANCE QUESTIONNAIRE Security	(YPR)	2	0	2	0	1	0	0	0	0	0	1	2	0	0	1	1	0	1	1	1	1	2	1	1	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	
PERSONAL AUDIT - FORM LL Contentment - Worry	(SRA)	1	0	1	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	P	P	



SECONDARY GOAL TEST NAME

MEASUREMENT VALIDITY	EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE			TOTAL LETTER GRADES					
	CONTENT	CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE		INTERPRETATION			RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION	
Rating Range:	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
CLASSROOM BEHAVIOR INVENTORY Compliance	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
CLASSROOM BEHAVIOR INVENTORY Enthusiasm	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
CLASSROOM BEHAVIOR INVENTORY Friendliness to Teacher	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
CLASSROOM BEHAVIOR INVENTORY Inappropriate Talkativeness	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
DEMOS D-SCALE Attitudes toward Education	1	0	2	0	1	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1
DEMOS D-SCALE Attitudes toward Teachers	1	0	2	0	1	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1
DEMOS D-SCALE School Behavior	1	0	2	0	1	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1
DEMOS D-SCALE Total	1	1	2	0	1	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1
DIFFERENTIAL VALUE PROFILE Intellectual	1	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
EDUCATIONAL DEVELOPMENT SERIES: ADVANCED LEVEL My Favorite School Subjects	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
EDUCATIONAL DEVELOPMENT SERIES: ADVANCED LEVEL My School Plans	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL My Favorite School Subjects	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL My School Plans	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
HOW I SEE MYSELF SCALE - SECONDARY FORM Language Adequacy	0	0	2	0	1	0	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
HOW I SEE MYSELF SCALE - SECONDARY FORM Teacher - School	0	1	2	0	1	0	0	1	0	0	1	0	1	2	0	1	1	1	0	1	1	1	1	1
LIFE ADJUSTMENT INVENTORY General Feeling of Adjustment to the Curriculum	1	1	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
LIFE ADJUSTMENT INVENTORY Reading and Study Skills	1	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1
MEASURES OF SELF CONCEPT - SELF APPRAISAL INVENTORY Scholastic	1	1	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1

SECONDARY GOAL TEST NAME

61A. Clerical Aptitude

TEST NAME	Main Range	MEASUREMENT VALIDITY								EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY								NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES									
		CONTENT		CONSTRUCT		CDNCURRENT		PREDICTIVE		REAL INTENT GIVEN		CORPSE HENSION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY										
		% Goal Assessed	% Items Belonging	Empirical Item Sel.	Theoretical	Divergent	Factorial	Experimental	Item Selection	Item Appropriateness	Item Difficulties	Item Vocabulary	Concepts, Vocabulary	Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence	Time	Norm Range	Score Interpretation	Score Conversion	Norm Group	Score Interpreter	Test - Retest	Internal Consistency	Alternate Form	Range - Coverage	Score Gradation												
ACER SHORT CLERICAL TEST Checking Test	(ACER)	0	0	2	0	1	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	0	0	0	0	1	3	2					
ACER SPEED AND ACCURACY TESTS	(ACER)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	0	1	0	1	0	1	1	1	1	1	2	1	1	2	1	0	2	0	1	0	2	0	1	3	1		
APPRAISAL OF OCCUPATIONAL APTITUDES Checking Letters	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	1	0	0		
APPRAISAL OF OCCUPATIONAL APTITUDES Checking Numbers	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	1	0	0		
APPRAISAL OF OCCUPATIONAL APTITUDES Filing Names	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	0	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	1	0	0		
APPRAISAL OF OCCUPATIONAL APTITUDES Filing Numbers	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	1	0	0		
APPRAISAL OF OCCUPATIONAL APTITUDES Posting Names	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	1	0	0		
APPRAISAL OF OCCUPATIONAL APTITUDES Posting Numbers	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	1	0	0		
APTITUDE TESTS FOR OCCUPATIONS Clerical Routine Aptitude	(CTB)	0	1	2	0	0	0	0	0	2	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	1	3	1			
CHECK LIST REVIEW	(LLA)	0	0	2	0	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	0	0	0	0	0		
CLERICAL APTITUDE TEST	(PA)	0	1	1	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	0	1	1	1	1	2	1	1	2	1	1	1	0	1	2	0	1	3	1				
CLERICAL SKILLS SERIES Alphabetizing - Filing	(TB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	2	1	1	2	0	0	1	0	1	0	1	0	0	1	0	0		
CLERICAL SKILLS SERIES Clerical Speed and Accuracy	(NB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	0	1	0	1	0	1	0	0	0	1	0	0	
CLERICAL TEST FG	(NFR)	0	1	2	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	0	1	0	2	0	1	0	0	0	1	0	0	
CLERICAL TESTS Comparing Names and Numbers	(STA)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	1	2	0	0	1	0	0
CONTENT EVALUATION SERIES: THE OFFICE INFORMATION SKILLS TEST Error Location and Correction	(HMC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	0	1	2	0	1	0	0	0	0	1	0	2	
DETROIT GENERAL APTITUDES EXAMINATION Alphabetizing	(BMC)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	2	1	1	2	1	1	2	0	1	1	0	0	0	0	1	0	2	



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY											EXAMINEE APPROPRIATENESS											ADMINISTRATIVE USABILITY							NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																
		CONTENT	CONSTRUCT					CDNCURRENT	PREDICTIVE	REAL INTENT GIVEN				COMPRE- HENSION		INSTRUCTIONS			FORMAT		TIME AND PACING		RECORDING ANSWERS			ADMINI- STRATION		SCORING EASE			INTERPRETATION		CAN DECISIONS BE MADE?	RELIABILITY		REPLICABILITY	RANGE - COVERAGE	SCDRE GRADATION													
DETROIT GENERAL APTITUDES EXAMINATION Classification	(BKC)	0	2	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	0	1	1	0	0	0	1	0	2	P	F	F	F	P	
DETROIT GENERAL APTITUDES EXAMINATION Clerical Aptitude (Educational)	(BKC)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	1	1	0	0	2	1	1	0	1	1	2	0	1	1	0	0	1	0	2	P	F	F	F	P	
DETROIT GENERAL APTITUDES EXAMINATION Clerical Aptitude (Total)	(BKC)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	1	1	0	0	2	1	1	0	1	1	2	0	1	1	0	0	1	0	2	P	F	F	F	P	
DETROIT GENERAL APTITUDES EXAMINATION Clerical Aptitude Visual Imagery	(BKC)	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	0	1	0	0	1	1	1	1	1	2	1	1	1	1	1	2	0	1	1	0	0	1	0	2	P	F	F	F	P	
DETROIT GENERAL APTITUDES EXAMINATION Intelligence Motor	(BKC)	0	0	1	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	0	1	1	0	0	1	0	2	P	F	F	F	P	
DETROIT GENERAL APTITUDES EXAMINATION Likenesses and Differences	(BKC)	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	0	1	1	0	0	1	0	2	P	F	F	F	P	
DETROIT GENERAL APTITUDES EXAMINATION Mechanical Aptitude Motor	(BKC)	0	0	1	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	0	1	1	0	0	1	0	2	P	F	F	F	P	
DIFFERENTIAL APTITUDE TESTS Clerical Speed and Accuracy	(PC)	0	0	2	0	1	1	0	0	1	2		1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	3	2	1	3	1	P	G	F	F	G	
FLAVAGAN APTITUDE CLASSIFICATION TESTS Coding	(SRB)	0	0	2	0	1	0	0	0	0	0		1	2	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	1	0	0	1	0	0	P	F	F	F	P	
FLAVAGAN APTITUDE CLASSIFICATION TESTS Tables	(SRB)	0	1	2	0	1	0	0	0	0	0		1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	1	2	0	0	1	0	0	P	G	F	F	P
GENERAL CLERICAL ABILITY	(ETSA)	0	1	2	0	1	0	0	0	0	0		1	2	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	2	0	1	2	0	1	0	0	1	0	0	P	F	F	F	P
GENERAL CLERICAL TEST Clerical	(PC)	0	1	2	0	1	0	0	0	0	0		1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	1	0	0	P	G	F	F	P	
GENERAL CLERICAL TEST Total	(PC)	0	1	1	0	1	0	0	0	0	0		1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	1	0	0	P	F	F	F	P	
HOLMES' PERFLEX TESTS Per-Numb Test	(PB)	0	0	2	0	1	0	0	0	0	0		0	2	0	1	1	1	0	0	1	0	1	0	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	1	0	0	P	F	F	F	P	
HOLMES' PERFLEX TESTS Per-Verb Test	(PB)	0	0	2	0	1	0	0	0	0	0		0	2	0	1	1	1	0	0	1	0	0	1	0	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	1	0	0	P	F	F	F	P	
INTERMEDIATE BATTERY Spot-the-Error Accuracy Score	(NIPB)	0	0	2	0	2	0	0	0	0	0		1	2	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	1	0	0	P	F	F	F	P	
INTERMEDIATE BATTERY Spot-the-Error Speed Score	(NIPB)	0	0	2	0	0	0	0	0	0	0		1	2	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	1	0	0	P	F	F	F	P	
JASTAK TEST Coding	(GC)	0	0	2	0	1	1	0	0	0	0		1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	1	0	2	0	1	0	0	0	1	3	2	P	F	F	F	P	

SECONDARY GOAL TEST NAME

MEASUREMENT OF SKILLS Speed and Accuracy (AVA)	MEASUREMENT VALIDITY								EXAMINEE APPROPRIATENESS								ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																												
	CONTENT	CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		COMPRE HENSION	INSTRUCTIONS		FORMAT	TIME AND PACING		RECORDING ANSWERS	ADMINI- STRATION	SCORING EASE		INTERPRETATION		RELIABILITY		REPLICABILITY		RANGE - COVERAGE		SCORE GRADATION																											
	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-2	0-3	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-2	0-3	0-3	0-3	0-1	0-3	0-3	0-1	0-3	0-2																				
MEASUREMENT OF SKILLS Speed and Accuracy (AVA)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	2	0	1	2	0	1	2	0	1	2	0	0	0	0	0	0	1	3	2	0	0	0	1	3	1	P	G	F	F	P				
MINNESOTA CLERICAL TEST Names (PC)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	3	1	0	0	0	1	3	1	P	G	F	F	P							
MINNESOTA CLERICAL TEST Numbers (PC)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	1	3	1	0	0	0	1	3	1	P	G	F	F	P								
MULTIPLE APTITUDE TESTS Perceptual Speed Route/ Clerical Facility (CTB)	0	1	2	0	1	0	0	0	2	1	1	2	0	1	1	1	0	1	1	1	1	2	1	1	2	1	1	2	0	1	2	0	0	0	1	3	2	0	0	0	1	3	2	P	G	G	F	P							
MULTIPLE APTITUDE TESTS Perceptual Speed Total Test (CTB)	0	1	1	0	1	0	0	0	0	1	1	2	0	1	1	1	0	1	1	1	1	2	1	1	2	1	1	2	0	1	2	0	0	0	1	3	2	0	3	0	1	3	2	P	G	G	F	P							
ROURKE CLERICAL APTITUDE TEST, JUNIOR GRADE Clerical Problems (ORB)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	0	0	1	1	2	1	1	1	0	1	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	P	P	F	F	P	
OCCUPATIONAL EXAMINATION Freight Checker (MLC)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	1	0	1	1	2	1	0	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	P	F	F	P
OCCUPATIONAL EXAMINATION Verbal and Clerical Abilities (MLC)	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	2	1	0	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	P	F	F	P
OFFICE SKILLS ACHIEVEMENT TEST Checking (PA)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	P	F	F	F	P
OFFICE SKILLS ACHIEVEMENT TEST Filing (PA)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	0	1	2	1	1	1	0	1	2	0	1	2	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	P	F	F	F	P
OFFICE SKILLS ACHIEVEMENT TEST Total (PA)	0	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	F	P
PURDUE CLERICAL ADAPTABILITY TEST Checking (PRF)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	P	F	F	F	P
PURDUE CLERICAL ADAPTABILITY TEST Copying (PRF)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	1	2	1	1	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	P	G	G	F	P
SPOT-THE-ERROR TEST Accuracy (NIPR)	1	1	1	2	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	F	P
SPOT-THE-ERROR TEST Speed (NIPR)	1	1	1	2	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	P	F	F	F	P
SRA CLERICAL APTITUDES Office Checking (SRA)	1	1	1	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	1	0	0	0	P	G	F	F	P
SRA CLERICAL APTITUDES Total Score (SRA)	1	1	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	1	3	1	0	P	F	F	F	P
SYMBOL IDENTITIES (SPS)	0	0	2	0	1	0	0	0	0	0	0	2	0	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	3	0	0	P	F	F	F	P



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS								ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES							
		CONTENT	CONSTRUCT			CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPLETE .REVISION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMIN. STRATION	SCORING EASE		INTERPRETATION		CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION											
APTITUDE TESTS FOR OCCUPATIONS Mechanical Aptitude	(CTB)	0	1	1	0	0	0	0	0	1	0	1	2	0	1	1	0	0	1	1	1	1	1	0	2	0	1	1	1	1	1			
CALIFORNIA TEST OF MENTAL MATURITY: LEVEL 3 Spatial Relationships	(CTB)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	2	1	1	2	0	1	1		
CALIFORNIA TEST OF MENTAL MATURITY: LEVEL 4 Spatial Relationships	(CTB)	1	0	2	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	1	1	2	1	2	1	1	2	1	0	1		
DALLEY VOCATIONAL TESTS: SPATIAL VISUALIZATION TEST	(HMC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	2	0	1	1	1	1			
DETROIT GENERAL APTITUDES EXAMINATION Disarranged Pictures	(BMC)	0	0	2	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	1	1	1	1	2	1	1	2	0	1	1		
DETROIT GENERAL APTITUDES EXAMINATION Intelligence Non-Language	(BMC)	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	1	1	1	2	0	1	1	1		
DETROIT GENERAL APTITUDES EXAMINATION Visual Imagery	(BMC)	0	1	2	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	1	2	1	1	2	0	1	1		
DETROIT GENERAL APTITUDES EXAMINATION Mechanical Aptitude Total	(BMC)	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	1	1	0	1	2	0	1	1		
DETROIT GENERAL APTITUDES EXAMINATION Mechanical Aptitude Visual Imagery	(BMC)	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	1	0	1	1	2	0	1	1	2	0	1	1	
DETROIT GENERAL APTITUDES EXAMINATION Pullleys	(BMC)	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	0	0	1	0	1	1	2	0	1	1	1	1		
DETROIT TESTS OF LEARNING APTITUDE Disarranged Pictures	(BMC)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	1	2	1	1	2	0	0	0		
DIFFERENTIAL APTITUDE TESTS Space Relations	(PC)	0	1	2	0	1	1	0	0	2	1	1	2	0	1	1	1	0	1	1	1	1	1	2	1	2	0	1	2	0	1	1		
EMBEDDED FIGURES TEST	(CPP)	2	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	2	0	0	0	
FLAGS: A TEST OF SPACE THINKING	(IRC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	2	0	0	2	0	1	0	0	
FLANAGAN APTITUDE CLASSIFICATION TESTS Assembly	(SRA)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	2	1	2	0	1	1	0	1	2	0	
FLANAGAN APTITUDE CLASSIFICATION TESTS Components	(SRA)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	0	1	1	1	2	1	2	0	1	1	0	1	2	0	
GUILFORD-ZIMMERMAN APTITUDE SURVEY Spatial Orientation	(SPS)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	0	1	1	0	1	2	1	1	1	0	1	1	0	1	0
GUILFORD-ZIMMERMAN APTITUDE SURVEY Spatial Visualization	(SPS)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	0	1	1	0	1	2	1	1	1	0	1	1	0	1	0	0

SECONDARY GOAL TEST NAME

TEST NAME	Validity Range	MEASUREMENT VALIDITY					EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																			
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	FORM-REVISION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE — COVERAGE	SCORE GRADATION																											
																				Item Selection	% Goal Assessed	% Items Belonging - Empirical Item Sel.	Theoretical	Divergent	Factorial	Experimental		Item Appropriateness	Item Difficulties	Item Relevance	Concepts, Vocabulary	Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence	Testing Group Size	Administrator	Time	Norm Range	Score Interpretation	Score Conversion	Norm Group	Score Interpreter	Test — Retest
HISKEY-NEBRASKA TEST OF LEARNING APPTITUDE Block Patterns	(NSH)	1	0	2	0	1	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	PFPP							
HISKEY-NEBRASKA TEST OF LEARNING APPTITUDE Puzzle Blocks	(NSH)	1	0	2	0	1	0	0	0	0	0	0	0	2	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	2	1	0	1	0	0	0	1	0	1	PFPP						
HISKEY-NEBRASKA TEST OF LEARNING APPTITUDE Spatial Reasoning	(NSH)	1	1	2	0	1	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	0	1	1	1	1	0	0	1	2	1	0	1	0	0	0	1	0	1	PFPP						
HISKEY-NEBRASKA TEST OF LEARNING APPTITUDE Total Test	(NSH)	1	1	1	0	1	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	0	0	1	1	0	1	0	0	0	1	0	1	PFPP							
CLASTAK TEST Space Completion	(RC)	0	0	2	0	0	1	0	0	0	0	0	0	1	2	0	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	0	2	0	1	0	0	1	3	2	PFPP					
LETTER INTERNATIONAL PERFORMANCE SCALE	(LPS)	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1	0	0	1	1	1	2	0	1	0	0	0	0	3	2	PFPP					
MACQUARIE TEST FOR MECHANICAL ABILITY Blocks	(CTB)	0	0	2	0	0	1	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	2	0	1	0	0	0	1	0	0	PFPP				
MATHEMATICAL AND TECHNICAL TEST Fitting Up Gaps	(GH)	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	PFPP		
MATHEMATICAL AND TECHNICAL TEST Technical Insight	(GH)	0	0	1	3	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	PFPP		
MEASUREMENT OF SKILLS Skill - n Orientation	(AVA)	0	1	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	1	1	0	1	2	0	0	0	0	0	0	0	1	0	0	PFPP		
MEASUREMENT OF SKILLS Skill with Shape	(AVA)	0	1	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	2	0	1	1	0	1	2	0	0	0	0	0	0	0	1	0	0	PFPP		
MECHANICAL MOVEMENTS	(IRC)	0	1	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	0	1	0	1	0	0	0	0	0	1	0	0	PFPP		
MULTIPLE APPTITUDE TESTS Spatial Visualization	(CTB)	0	1	2	0	1	0	0	0	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	0	1	1	2	PFPP		
MULTIPLE APPTITUDE TESTS Spatial Relations - 2 Dimensions	(CTB)	0	1	2	0	1	0	0	0	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	0	1	1	2	PFPP		
MULTIPLE APPTITUDE TESTS Spatial Relations - 3 Dimensions	(CTB)	0	1	2	0	1	0	0	0	2	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	0	1	1	2	PFPP		
MULTIPLE APPTITUDE TESTS Spatial Visualization Total Test	(CTB)	0	1	1	0	1	0	0	0	1	1	1	1	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	1	1	2	0	1	2	0	0	0	0	1	3	2	PFPP		
OBJECT-COMPLETION TEST	(PA)	0	0	2	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	0	0	1	0	0	PFPP	
OCCUPATIONAL EXAMINATION Spatial Relations	(MLC)	0	0	2	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	0	1	1	1	2	1	0	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	PFPP
PACIFIC DESIGN CONSTRUCTION TEST	(ACER)	2	0	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	0	1	1	0	1	1	0	2	0	0	0	0	0	0	1	0	2	PFPP	

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES													
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMIN. STRATION	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE — COVERAGE	SCORE GRADATION																															
HECHLER INTELLIGENCE SCALE FOR CHILDREN Object Assembly	(PC)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	3	2	0	0	0	0	1	3	2	P	G	P	P	P										
HECHLER INTELLIGENCE SCALE FOR CHILDREN Performance Score	(PC)	0	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1	3	2	P	G	P	P	P			
6LD. Mathematical Facility																																																		
ACER SHORT CLERICAL TEST Arithmetic Test	(ACER)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	3	2	P	G	F	P	
APTITUDE TESTS FOR OCCUPATIONS Computational Aptitude	(CTB)	0	1	2	0	0	0	0	0	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	3	1	3	1		P	F	G	F	G
CLERICAL TESTS Addition and Multiplication	(STRA)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	1	0	0	P	G	G	P	
CROSS REFERENCE TEST	(PA)	1	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	1	0	0	P	F	G	P	
FLANAGAN APTITUDE CLASSIFICATION TESTS Arithmetic	(SRA)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	2	0	0	0	1	0	0	P	F	F	P	
GENERAL CLERICAL TEST Numerical	(PC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	0	0	P	G	F	P	
HOLMES' PERFLEX TESTS Fu-Numb Test	(PA)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	1	0	0	P	F	F	P	
INTERMEDIATE BATTERY Arithmetical Problems	(NIPR)	0	1	2	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	0	0	P	F	F	P	
INTERMEDIATE BATTERY Computation	(NIPR)	0	1	2	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	0	0	0	0	1	0	0	P	F	F	P	
MEASUREMENT OF SKILLS Skill with Numbers	(NNA)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	0	1	1	0	1	2	0	0	0	0	0	0	1	3	2	P	G	P	P	
0. FOURTE CLERICAL APTITUDE TEST, JUNIOR, GRADE Reasoning Test	(PRD)	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	P	F	F	P	
OFFICE ARITHMETIC TEST	(ETS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	2	0	0	2	0	1	2	0	0	0	1	0	0	P	F	F	P	
OFFICE SKILLS ACHIEVEMENT TEST Arithmetic	(PA)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	1	0	0	P	F	F	P	
PURDUE CLERICAL ADAPTABILITY TEST Computation	(PRF)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	1	0	0	P	F	F	P	
PURDUE CLERICAL ADAPTABILITY TEST Reasoning (Arithmetical)	(PRF)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	1	0	1	0	0	0	0	1	0	0	P	F	F	P	

SECONDARY GOAL TEST NAME

TEST NAME	MEASUREMENT VALIDITY					EXAMINEE APPROPRIATENESS					ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES	
	CONTENT	CONSTRUCT				REAL INTENT GIVEN		CONGRE- HENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMIN- ISTRATION	SCORING EASE		INTERPRETATION		RELIABILITY	REPLICABILITY	RANGE-COVERAGE		SCORE GRADATION
LEADERSHIP Q-SORT TEST Mental Health	(PA)	1 0 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	0 2	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
LEADERSHIP Q-SORT TEST Personal Integrity	(PA)	1 0 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 1 1 1 1 0 0 0 1 0 1 0	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
LEADERSHIP Q-SORT TEST Teaching and Communication	(PA)	1 0 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 1 0 1 0 1 0 0 1 1 1 1 0	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
LEADERSHIP Q-SORT TEST Technical Information	(PA)	1 0 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 1 0 1 0 1 0 0 1 1 1 1 0	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
LEADERSHIP Q-SORT TEST Total Score	(PA)	1 0 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 1 0 1 0 1 0 0 1 1 1 1 0	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
LIFE ADJUSTMENT INVENTORY Vocational Orientation and Preparation	(PA)	1 0 0 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 0 1 1 1 1 0 1 0	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
NM ATTITUDE TOWARD WORK TEST	(M)	1 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
NM CAREER DEVELOPMENT TEST	(M)	1 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
NM CAREER ORIENTED ACTIVITIES CHECKLIST	(M)	1 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
NM CAREER PLANNING TEST	(M)	1 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
NM JOB APPLICATION PROCEDURES TEST	(M)	1 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
NM KNOWLEDGE OF OCCUPATIONS TEST	(M)	1 0 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
63. VOCATIONAL INTERESTS																						
CKICE MOTIVATION SCALE	(GCT)	0 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	0 2 0 1 1 1 1 0 1 1 0 0 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
EDUCATIONAL DEVELOPMENT SERIES: ADVANCED LEVEL My Career Plans	(STS)	0 1 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
EDUCATIONAL DEVELOPMENT SERIES: SENIOR LEVEL My Career Plans	(STS)	0 1 2 0 0 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P F P P
HALL OF OCCUPATIONAL ORIENTATION INVENTORY Attitude Content	(FEC)	2 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P
HOW WELL DO YOU KNOW YOUR INTERESTS Femininity	(EAC)	1 0 2 0 1 0 0 0 0 0	0 2	0 1	0 2	0 1	0 1	0 1	0 1	0 1	0 1	1 2 0 1 1 1 1 0 1 1 1 1 1 1	0 1	0 1	0 2	0 1	0 1	0 1	0 3	0 3	0 2	P G F P



SECONDARY GOAL TEST NAME

MEASUREMENT VALIDITY	EXAMINEE APPROPRIATENESS	ADMINISTRATIVE USABILITY	NORMED TECHNICAL EXCELLENCE	TOTAL LETTER GRADES
CONTENT	COMPREHENSION	ADMINISTRATION	RELIABILITY	G.L.G.
CONSTRUCT	INSTRUCTIONS	SCORING EASE	INTERPRETATION	
CONCURRENT	FORMAT	INTERPRETATION	REPLICABILITY	
PREDICTIVE	TIME AND PACING	CAN DECISIONS BE MADE?	RANGE - COVERAGE	
REAL INTENT GIVEN	RECORDING ANSWERS		SCORE GRADATION	
Item Selection	Item Appropriateness	Testing Group Size	Test - Retest	
% Goal Assessed	Item Difficulties	Administrator	Internal Consistency	
% Items Belonging	Item Relevance	Time	Alternate Form	
Empirical Item Sel.	Concepts, Vocabulary			
Theoretical	Task Aspects			
Divergent	Administration			
Factorial	Sample Items			
Experimental	Page Layout			
	Illustration/Print			
	Item Coherence			

TEST NAME	Rating Range	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1																	
CAREER GUIDANCE INVENTORY - Plumbing and Pipefitting	(Eg1)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P							
CAREER GUIDANCE INVENTORY - Printing	(Eg1)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	F	P				
CAREER GUIDANCE INVENTORY - Science, Skilled	(Eg1)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P				
CAREER GUIDANCE INVENTORY - Sheet Metal and Welding	(Eg1)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P			
CAREER GUIDANCE INVENTORY - Tool and Die Making - Precision Machining	(Eg1)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P			
CAREER GUIDANCE INVENTORY - Transportation Services	(Eg1)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P			
CAREER INTERESTS TEST - Practical - Technical	(EdITS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P			
CONNOLLY OCCUPATIONAL INTERESTS QUESTIONNAIRE - Group L	(CRAC)	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P		
CROMLEY OCCUPATIONAL INTERESTS BLANK - Part 1 - Boys	(CRAC)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P		
CROMLEY OCCUPATIONAL INTERESTS BLANK - Part 1 - Practical - Girls	(CRAC)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P		
CURTIS INTEREST SCALE - Mechanics	(PA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	
CURTIS INTEREST SCALE - Production	(PA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	
DF OPINION SURVEY - Need for Precision	(SPS)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	F	P
FOWLER-PARENTER SELF-SCORING INTEREST RECORD - Operative	(GCT)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P
FOWLER-PARENTER SELF-SCORING INTEREST RECORD - Skilled Mechanical	(GCT)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	
GEIST PICTURE INTEREST INVENTORY - FEMALE - Mechanical	(WPS)	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	
GEIST PICTURE INTEREST INVENTORY - MALE - Mechanical	(WPS)	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P	
GORDON OCCUPATIONAL CHECK LIST - Technology	(HBJ)	2	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P



SECONDARY GOAL TEST NAME

TEST NAME	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																																						
	CONTENT					CONSTRUCT					CONCURRENT					PREDICTIVE					REAL INTENT GIVEN					CORRE. HESION					INSTRUCTIONS						FORMAT					TIME AND PACING					RECORDING ANSWERS					ADMIN. STATION					SCORING EASE					INTERPRETATION					RELIABILITY					REPLICABILITY		
GULLFORD-SHIEDMAN-ZIMMERMAN INTEREST SURVEY Mechanical: Designing Hobby	0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					1 2 0 1 1 1 1 1 1 1 1 1					0 2 0 1 1 1 1 1 1 1 1 1					1 2 0 1 1 1 1 1 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																		
GULLFORD-SHIEDMAN-ZIMMERMAN INTEREST SURVEY Mechanical: Designing Vocation	0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					1 2 0 1 1 1 1 1 1 1 1 1					0 2 0 1 1 1 1 1 1 1 1 1					1 2 0 1 1 1 1 1 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																		
GULLFORD-SHIEDMAN-ZIMMERMAN INTEREST SURVEY Mechanical: Manipulative Hobby	0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					1 2 0 1 1 1 1 1 1 1 1 1					0 2 0 1 1 1 1 1 1 1 1 1					1 2 0 1 1 1 1 1 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																		
GULLFORD-ZIMMERMAN INTEREST INVENTORY Mechanical	0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					0 0 2 0 0 0 0 0 0 0 0 0					1 2 0 1 1 1 1 1 1 1 1 1					0 2 0 1 1 1 1 1 1 1 1 1					1 2 0 1 1 1 1 1 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																		
HACKMAN-GAITHER VOCATIONAL INTEREST INVENTORY Scientific - Technical	1 0 1 0 1 0 0 0 0 0 0 0					1 0 1 0 1 0 0 0 0 0 0 0					1 0 1 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 2 0 1 0 0					0 2 0 1 0 0					0 2 0 1 0 0					P G F P																												
HALL OCCUPATIONAL ORIENTATION INVENTORY Physical Abilities - Concern	2 0 1 0 1 0 0 0 0 0 0 0					2 0 1 0 1 0 0 0 0 0 0 0					2 0 1 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 2 0 1 0 0					0 2 0 1 0 0					0 2 0 1 0 0					P G F P																												
HALL OCCUPATIONAL ORIENTATION INVENTORY Things - Orientation	2 1 2 0 1 0 0 0 0 0 0 0					2 1 2 0 1 0 0 0 0 0 0 0					2 1 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																												
HOW WELL DO YOU KNOW YOUR INTERESTS Machine Design	1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					2 0 0 1 0 0					2 0 0 1 0 0					2 0 0 1 0 0					P G F P																												
HOW WELL DO YOU KNOW YOUR INTERESTS Machine Operation	1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					1 0 0 1 0 0					1 0 0 1 0 0					1 0 0 1 0 0					P G F P																												
HOW WELL DO YOU KNOW YOUR INTERESTS Repair and Construction	1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					1 0 0 1 0 0					1 0 0 1 0 0					1 0 0 1 0 0					P G F P																												
HOW WELL DO YOU KNOW YOUR INTERESTS Unskilled Labor	1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																												
INVENTORY OF VOCATIONAL INTERESTS Mechanical	0 1 2 0 1 0 0 0 0 0 0 0					0 1 2 0 1 0 0 0 0 0 0 0					0 1 2 0 1 0 0 0 0 0 0 0					1 2 0 1 0 1 0 1 1 0 1 1					2 1 1 2 0 1 2 0 1 1					2 1 1 2 0 1 2 0 1 1					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P F F P																												
KUDER GENERAL INTEREST SURVEY Mechanical	1 1 2 0 1 0 0 0 0 2 0 0					1 1 2 0 1 0 0 0 0 2 0 0					1 1 2 0 1 0 0 0 0 2 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 1 1 2 0 1 0					2 1 1 2 1 1 2 0 1 0					2 0 0 1 0 0					2 0 0 1 0 0					2 0 0 1 0 0					P G F P																												
KUDER PREFERENCE RECORD - VOCATIONAL Mechanical	0 1 2 0 1 0 0 0 0 0 0 0					0 1 2 0 1 0 0 0 0 0 0 0					0 1 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 1 1 1 1 1					2 1 1 2 0 1 2 0 1 2					2 1 1 2 0 1 2 0 1 2					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																												
MINNESOTA VOCATIONAL INTEREST INVENTORY Carpenter	1 0 1 0 1 0 0 0 0 0 0 0					1 0 1 0 1 0 0 0 0 0 0 0					1 0 1 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 1 2 0 1 2					2 1 1 2 0 1 2 0 1 2					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																												
MINNESOTA VOCATIONAL INTEREST INVENTORY Carpentry	1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 0 2 0 1 0 0 0 0 0 0 0					1 2 0 1 1 1 1 0 1 1 1 1					2 1 1 2 0 0 2 0 1 2					2 1 1 2 0 0 2 0 1 2					0 0 0 1 0 0					0 0 0 1 0 0					0 0 0 1 0 0					P G F P																												



SECONDARY GOAL TEST NAME

Name Range	MEASUREMENT VALIDITY							EXAMINEE APPROPRIATENESS														ADMINISTRATIVE USABILITY							NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES										
	CONTENT			CONSTRUCT				CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		COMPARE		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE			INTERPRETATION		CAN DECISIONS BE MADE?		RELIABILITY		REPLICABILITY		RANGE - COVERAGE		SCORE GRADATION					
	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-2	0-1	0-1	0-2	0-1	0-1	0-2	0-1	0-1	0-2							
MINNESOTA VOCATIONAL INTEREST INVENTORY Electrician (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Electronics (PC)	1	0	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	2	0	1	2	0	0	0	1	0	0
MINNESOTA VOCATIONAL INTEREST INVENTORY Industrial Education Teacher (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Machinist (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Mechanical (PC)	1	1	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Painter (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Plasterer (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Plumber (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Pressman (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Printer (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Radio-TV Repairman (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Sheet Metal Worker (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Truck Driver (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Truck Mechanic (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
MINNESOTA VOCATIONAL INTEREST INVENTORY Warehouseman (PC)	1	0	1	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	2	0	1	2	0	0	0	1	0	0		
OCCUPATIONAL INTEREST INVENTORY: ADVANCED Manipulative (CTB)	1	0	0	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	1	0	0			
OCCUPATIONAL INTEREST INVENTORY: ADVANCED Mechanical (CTB)	1	1	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	1	0	0			
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Manipulative (CTB)	1	1	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	1	0	0			



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY							NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																						
		CONTENT	CONSTRUCT					REAL INTENT GIVEN		COMPRE. HENSION			INSTRUCTIONS			FORMAT		TIME AND PACING		RECORDING ANSWERS			ADMIN. STRATION			SCORING EASE				RELIABILITY		REPLICABILITY																			
		0-2	0-1	0-0	0-0	0-0	0-0	0-1	0-2	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-2	0-1	0-1	0-2	0-1	0-1	0-2	0-1	0-1	0-1	0-3	0-3	0-1	0-3	0-2												
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Mechanical)	(CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	0	1	0	0	0	P	F	F	F	P	
OHIO VOCATIONAL INTEREST SURVEY Crafts and Precise Operations	(HBJ)	2	1	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	2	0	3	0	1	0	0	F	F	G	P		
OHIO VOCATIONAL INTEREST SURVEY Inspecting and Testing	(HBJ)	2	0	2	1	1	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	2	0	3	0	1	0	0	F	F	G	P			
OHIO VOCATIONAL INTEREST SURVEY Machine Work	(HBJ)	2	0	2	1	1	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	1	1	1	1	2	0	3	0	1	0	0	F	F	G	P			
OHIO VOCATIONAL INTEREST SURVEY Manual Work	(HBJ)	2	0	2	1	1	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	0	2	1	1	1	1	2	0	3	0	1	1	1	P	F	G	F			
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Mechanical	(ACER)	0	1	2	0	0	0	0	0	0	1	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F		
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Practical	(ACER)	0	0	2	0	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F		
PICTURE INTEREST INVENTORY Mechanical	(CTB)	2	1	2	0	0	0	0	0	0	1	0	1	2	0	0	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	0	1	1	0	0	0	0	1	0	0	P	F	G	P		
PRIMARY BUSINESS INTERESTS TEST Sales - Store	(CA)	2	0	1	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	2	0	1	0	0	0	0	0	0	0	0	P	F	F	F			
ROTHWELL-MILLER INTEREST BLANK Mechanical	(ACER)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	0	1	0	0	P	F	F	F		
ROTHWELL-MILLER INTEREST BLANK Practical	(ACER)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	0	1	0	0	P	F	F	F		
SAFRAN STUDENT'S INTEREST INVENTORY Technical	(TNS)	0	0	2	0	0	0	0	0	0	1	0	1	2	0	0	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	0	1	2	0	P	F	F	F		
VOCATIONAL INTEREST PROFILE (VIP) Mechanical	(URCB)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	1	0	0	P	F	F	F			
WIDE RANGE INTEREST-OPINION TEST Machine Operation	(GAD)	0	0	2	0	1	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	1	0	0	0	1	1	2	P	F	F	F			
WIDE RANGE INTEREST-OPINION TEST Mechanics	(GAD)	0	1	2	0	1	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	1	0	0	0	1	1	2	P	F	F	F			
WIDE RANGE INTEREST-OPINION TEST Physical Science	(GAD)	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	1	0	0	0	1	1	2	P	F	F	F			
63B. Social Interests																																																			
BRAINARD OCCUPATIONAL PREFERENCE INVENTORY Personal Service (For girls and women)	(PC)	2	0	1	0	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P	



SECONDARY GOAL TEST NAME

	Rating Range	MEASUREMENT VALIDITY	EXAMINEE APPROPRIATENESS	ADMINISTRATIVE USABILITY	NORMED TECHNICAL EXCELLENCE	TOTAL LETTER GRADES											
							CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPRE HENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMIN- STRATION
BRAINARD OCCUPATIONAL PREFERENCE INVENTORY Professional	(PC)	2 1 1 0 1 1 0 0 0 0	0-2 0-1 0-2 0-1 0-1 0-1 0-1	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0-2 0-1 0-1	0-3 0-3 0-1 0-3	PGFP										
BROOK REACTION TEST - EXPERIMENTAL EDITION Food and Drink	(NFER)	0 0 0 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	0 2 0 1 1 1 0 1 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0 0 0 0 1 0 2 0 1 0	0 0 0 0 0 0	PGFP									
BROOK REACTION TEST - EXPERIMENTAL EDITION Humanitarian	(NFER)	0 0 0 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	0 2 0 1 1 1 0 1 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	PGFP									
BROOK REACTION TEST - EXPERIMENTAL EDITION Military	(NFER)	0 0 0 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	0 2 0 1 1 1 0 1 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	PGFP									
BROOK REACTION TEST - EXPERIMENTAL EDITION People	(NFER)	0 0 0 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	0 2 0 1 1 1 0 1 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	PGFP									
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY Service, Professional	(ELTS)	1 0 2 0 1 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 1 1 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 1 2 0 1 1	1 0 0 0 0 0	PGFP									
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY Service, Skilled	(ELTS)	1 0 2 0 1 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 1 1 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 1 2 0 1 1	0 0 0 0 0 0	PGFP									
CAREER GUIDANCE INVENTORY Business Management	(Eg1)	0 0 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 0 1 1 1 1 1 0 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 1	0 0 0 0 0 0	PGFP									
CAREER GUIDANCE INVENTORY * Industrial Production Technology	(Eg1)	0 0 1 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 0 1 1 1 1 1 0 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 1	0 0 0 0 0 0	PGFP									
CAREER GUIDANCE INVENTORY Medical Technology - Nursing	(Eg1)	0 0 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 0 1 1 1 1 1 0 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 1	0 0 0 0 0 0	PGFP									
CAREER GUIDANCE INVENTORY Protective Services	(Eg1)	0 0 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 0 1 1 1 1 1 0 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 1	0 0 0 0 0 0	PGFP									
CAREER GUIDANCE INVENTORY Sales	(Eg1)	0 0 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 0 1 1 1 1 1 0 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 1	0 0 0 0 0 0	PGFP									
CAREER INTERESTS TEST Social Service	(EgITS)	0 0 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 1 0 1 0 1 0 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 1	0 0 0 1 0 0	PGFP									
CONNOLLY OCCUPATIONAL INTERESTS QUESTIONNAIRE Group F	(CRAC)	0 1 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 1 0 1 0 1 0 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 1 2 0 1 2	0 0 0 1 0 1	PGFP									
CONNOLLY OCCUPATIONAL INTERESTS QUESTIONNAIRE Group G	(CRAC)	0 1 2 0 0 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 1 0 1 0 1 0 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 1 2 0 1 2	0 0 0 1 0 1	PGFP									
CONNOLLY OCCUPATIONAL INTERESTS BLANK Part I	(CRAC)	0 0 2 0 1 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 1 0 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 2	0 0 0 1 0 0	PGFP									
CONNOLLY OCCUPATIONAL INTERESTS BLANK Social - Boys	(CRAC)	0 0 2 0 1 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 1 0 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 2	0 0 0 1 0 0	PGFP									
CONNOLLY OCCUPATIONAL INTERESTS BLANK Social - Girls	(CRAC)	0 0 2 0 1 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 1 0 0 1 1 1 1 1 1 1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 2 0 0 2 0 1 2	0 0 0 1 0 0	PGFP									
CURTIS INTEREST SCALE Direct Sales	(PA)	0 0 2 0 1 0 0 0 0 0	0-2 0-1 0-1 0-1 0-1	1 2 0 1 1 1 0 0 1 1 1 1 1 1 0	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 1 1 1 0 0 2 0 1 1	0 0 0 1 0 0	PGFP									

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SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS														ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES			
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	TESTING GROUP SIZE	ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																				
CURTIS INTEREST SCALE Entertaiment	(PA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CURTIS INTEREST SCALE Interpersonal	(PA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FACTORIAL INTEREST BLANK Entertaiment	(NFER)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FACTORIAL INTEREST BLANK Humanitarian	(NFER)	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FACTORIAL INTEREST BLANK Social	(NFER)	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOWLER-PARKENTER SELF-SCORING INTEREST RECORD Managerial	(GCT)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOWLER-PARKENTER SELF-SCORING INTEREST RECORD PERSUASIVE	(GCT)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOWLER-PARKENTER SELF-SCORING INTEREST RECORD Social Service	(GCT)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEIST PICTURE INTEREST INVENTORY: FEMALE Personal Service	(HPS)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEIST PICTURE INTEREST INVENTORY: FEMALE PERSUASIVE	(HPS)	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEIST PICTURE INTEREST INVENTORY: FEMALE Social Service	(HPS)	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEIST PICTURE INTEREST INVENTORY: MALE Persuasive	(HPS)	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEIST PICTURE INTEREST INVENTORY: MALE Social Service	(HPS)	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- GORDON OCCUPATIONAL CHECK LIST Service	(HBS)	2	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Business-Political: Leadership	(SPS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Business-Political: Leadership	(SPS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Personal Assistance: Personal Service	(SPS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Personal Assistance: Personal Service	(SPS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE — COVERAGE	SCORE GRADATION																										
KUDER PREFERENCE RECORD - VOCATIONAL Persuasive	(SRA)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	1	0	0	P	G	F	G	P
KUDER PREFERENCE RECORD - VOCATIONAL Social Service	(SRA)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	2	1	1	2	0	1	2	0	1	2	0	0	0	1	0	0	P	G	F	G	P
MINNESOTA VOCATIONAL INTEREST INVENTORY Hospital Attendant	(PC)	1	0	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	2	0	1	2	0	0	0	1	0	0	P	G	F	G	P	
MINNESOTA VOCATIONAL INTEREST INVENTORY Milk Wagon Driver	(PC)	1	0	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	2	0	1	2	0	0	0	1	0	0	P	G	F	G	P	
MINNESOTA VOCATIONAL INTEREST INVENTORY Retail Sales Clerk	(PC)	1	0	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	2	0	1	2	0	0	0	1	0	0	P	G	F	G	P	
MINNESOTA VOCATIONAL INTEREST INVENTORY Sales-Office	(PC)	1	0	0	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	1	0	2	0	1	2	0	0	0	1	0	0	P	G	F	G	P	
OCCUPATIONAL INTEREST INVENTORY: ADVANCED Personal-Social	(CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P	
OCCUPATIONAL INTEREST INVENTORY: ADVANCED Verbal	(CTB)	1	0	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P	
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Personal-Social	(CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P	
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Verbal	(CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P	
OHIO VOCATIONAL INTEREST SURVEY Caring for People or Animals	(HBA)	2	0	1	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Customer Services	(HBA)	2	0	2	1	1	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Management and Supervision	(HBA)	2	0	2	1	1	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Nursing and Related Technical Services	(HBA)	2	0	2	1	1	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Personal Services	(HBA)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Promotion and Communication	(HBA)	2	1	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Sales Representative	(HBA)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P
OHIO VOCATIONAL INTEREST SURVEY Skilled Personal Services	(HBA)	2	0	1	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	P

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY					EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPLETE HENSHION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																									
OHIO VOCATIONAL INTEREST SURVEY Teaching, Counseling, and Social Work	(HB3)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	0	1	1	1	0	1	1	2	1	0	2	1	1	1	1	2	0	3	0	1	0	0	P	F	G	P	
OHIO VOCATIONAL INTEREST SURVEY Training	(HB3)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	0	1	1	2	1	0	2	1	1	1	1	2	0	2	0	1	0	0	P	F	G	P	
PERSONAL AUDIT - FORM LL Seriousness - Impulsiveness	(SRA)	1	0	2	0	0	0	0	0	0	0	1	2	0	1	0	1	1	0	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	1	0	1	P	F	F	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Medical	(ACER)	0	0	2	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	3	1	P	G	F	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Persuasive	(ACER)	0	0	2	0	0	0	0	0	1	0	1	2	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	3	1	P	G	F	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Social Service	(ACER)	0	0	2	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	1	1	P	F	F	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Persuasive	(ACER)	0	0	2	0	0	0	0	0	1	0	1	2	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	2	1	0	1	3	1	P	G	F	F
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Social Service	(ACER)	0	0	2	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	3	3	0	1	3	1	P	F	F	F
PICTURE INTEREST INVENTORY Interpersonal Service	(CTB)	2	1	2	0	0	0	0	1	1	0	1	2	0	0	0	1	0	0	1	1	1	1	2	1	1	2	1	1	2	0	1	1	0	0	0	1	0	0	P	F	G	P
PICTORIAL STUDY Economic	(PA)	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	3	1	P	F	F	P
PICTORIAL STUDY Political	(PA)	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	1	3	1	P	F	F	P
PICTORIAL STUDY Social	(PA)	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	1	1	P	F	F	P
PRIMARY BUSINESS INTERESTS TEST Collections and Adjustments	(CA)	2	0	2	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	1	1	2	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	P	F	F	P
ROTHWELL-MILLER INTEREST BLANK Literary	(ACER)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P
ROTHWELL-MILLER INTEREST BLANK Medical	(ACER)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P
ROTHWELL-MILLER INTEREST BLANK Persuasive	(ACER)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P
ROTHWELL-MILLER INTEREST BLANK Social Service	(ACER)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	1	0	0	P	F	F	P
SARAVAN STUDENT'S INTEREST INVENTORY Humane	(TNS)	0	0	2	0	0	0	0	0	0	2	0	1	2	0	0	1	1	1	0	1	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	0	2	2	P	F	F	P

SECONDARY GOAL TEST NAME

Rating Range	MEASUREMENT VALIDITY	EXAMINEE APPROPRIATENESS	ADMINISTRATIVE USABILITY				NORMED TECHNICAL EXCELLENCE	TOTAL LETTER GRADES	
			CONSTRUCT	SCORING EASE					RELIABILITY
				REAL INTENT GIVEN	ADMINISTRATIVE	INTERPRETATION			
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Linguistic: Expressive Vocation	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0-2 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Scientific: Investigatory Hobby	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1 1 1 1	2 1 1 2 0 1 2 0 1 1	0 0 0 1 0 0	0 0 0 1 0 0	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Scientific: Investigatory Vocation	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1 1 1 1	2 1 1 2 0 1 2 0 1 1	0 0 0 1 0 0	0 0 0 1 0 0	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Scientific: Theoretical Hobby	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1 1 1 1	2 1 1 2 0 1 2 0 1 1	0 0 0 1 0 0	0 0 0 1 0 0	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Scientific: Theoretical Vocation	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 1 1 1 1 1	1 2 0 1 1 1 1 1 1 1 1	2 1 1 2 0 1 2 0 1 1	0 0 0 1 0 0	0 0 0 1 0 0	P G F P	
GUILFORD-ZIMMERMAN INTEREST INVENTORY Creative	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 0	0 0 0 0 0 0	0 0 0 0 0 0	P G F P	
GUILFORD-ZIMMERMAN INTEREST INVENTORY Mercurial	(SPS) 0 0 1 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 0 1 1 1 1 1	1 2 0 1 1 0 1 1 1 1 1	2 1 1 1 0 1 2 0 1 0	0 0 0 0 0 0	0 0 0 0 0 0	P G F P	
GUILFORD-ZIMMERMAN INTEREST INVENTORY Scientific	(SPS) 0 0 2 0 0 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 0 1 1 1 1 1	1 2 0 1 1 0 1 1 1 1 1	2 1 1 1 0 1 2 0 1 0	0 0 0 0 0 0	0 0 0 0 0 0	P G F P	
HALL OCCUPATIONAL ORIENTATION INVENTORY Data Orientation	(FEC) 2 1 1 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 2 0 1 2 0 1 1	0 0 0 0 0 0	0 0 0 0 0 0	P G F P	
HALL OCCUPATIONAL ORIENTATION INVENTORY Information, Knowledge	(FEC) 2 1 1 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 2 0 1 2 0 1 1	0 0 0 0 0 0	0 0 0 0 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Amusement: Appreciative	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 0 1 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	2 0 0 1 0 0	2 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Applied Chemistry	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 0 1 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	2 0 0 1 0 0	2 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Basic Biological Problems	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 0 1 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	2 0 0 1 0 0	2 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Basic Chemical Problems	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	1 0 0 1 0 0	1 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Basic Physical Problems	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	1 0 0 1 0 0	1 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Basic Psychological Problems	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	2 0 0 1 0 0	2 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Literary: Appreciative	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	2 0 0 1 0 0	2 0 0 1 0 0	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Musical: Appreciative	(EAC) 1 0 2 0 1 0 0 0 0 0 0	0-1 0-2 0-2 0-1 0-1 0-1 0-1 0-1 0-2 0-3	1 2 0 1 1 1 0 1 1 1 1	1 2 0 1 1 1 0 1 1 1 1	2 1 1 1 0 1 2 0 1 1	1 0 0 1 0 0	1 0 0 1 0 0	P G F P	

SECONDARY GOAL TEST NAME

TEST NAME	Reliable Range	MEASUREMENT VALIDITY														EXAMINEE APPROPRIATENESS													ADMINISTRATIVE USABILITY												NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES
		CONTENT				CONSTRUCT				CONCURRENT		PREDICTIVE		REAL INTENT GIVEN			CONGRUENCE			INSTRUCTIONS			FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE				INTERPRETATION		RELIABILITY		REPLICABILITY		RANGE — COVERAGE	SCORE GRADATION				
		0-2	0-1	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1							
HOW WELL DO YOU KNOW YOUR INTERESTS Philosophical	(EAC)	1	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	0	1	0	0	P G F P P				
HOW WELL DO YOU KNOW YOUR INTERESTS Sports: Appreciative	(EAC)	1	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	0	P G F P P					
HOW WELL DO YOU KNOW YOUR INTERESTS Visual Art: Appreciative	(EAC)	1	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	0	P G F P P					
INVENTORY OF VOCATIONAL INTERESTS Academic	(PA)	0	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	0	1	1	0	1	1	1	1	1	2	1	1	1	0	1	0	0	0	P F F P P					
KUDER GENERAL INTEREST SURVEY Scientific	(SRA)	1	1	2	0	1	0	0	0	2	0	2	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	1	0	0	P G F P P					
KUDER PREFERENCE RECORD — PERSONAL Preference for Working with Ideas	(SRA)	1	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	1	0	0	P G G P P					
KUDER PREFERENCE RECORD — VOCATIONAL Scientific	(SRA)	0	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	1	0	0	P G G P P					
LIFE ADJUSTMENT INVENTORY Orientation to Science	(PA)	1	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	0	1	1	0	0	0	0	2	1	1	2	0	0	1	0	P F F P P					
MINNESOTA VOCATIONAL INTEREST INVENTORY "Clean Hands"	(PC)	1	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	0	1	0	P G F P P					
MINNESOTA VOCATIONAL INTEREST INVENTORY Health Service	(PC)	1	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	0	P G F P P				
MINNESOTA VOCATIONAL INTEREST INVENTORY Tabulating Machine Operator	(PC)	1	0	1	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	1	0	0	P G F P P					
OCCUPATIONAL INTEREST INVENTORY: ADVANCED The Sciences	(CTB)	1	1	1	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	1	0	0	P F F P P					
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE The Sciences	(CTB)	1	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	2	0	1	0	0	P F F P P					
OHIO VOCATIONAL INTEREST SURVEY Applied Technology	(HBA)	2	0	1	1	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	1	1	1	0	P F G P P					
OHIO VOCATIONAL INTEREST SURVEY Appraisal	(HBA)	2	0	2	1	1	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	1	1	1	0	P F G P P					
OHIO VOCATIONAL INTEREST SURVEY Medical	(HBA)	2	0	2	1	1	1	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	0	2	1	1	1	1	0	P F G P P					
PHILLIPS OCCUPATIONAL PREFERENCE SCALE — FORM F Scientific	(ACER)	0	0	2	0	2	0	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	P G F P P				
PHILLIPS OCCUPATIONAL PREFERENCE SCALE — FORM M Scientific	(ACER)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	P G F F F				

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY					EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES			
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	TESTING GROUP SIZE	ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE COVERAGE	SCORE GRADATION												
PICTORIAL STUDY Theoretical	(PA)	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	PPFP						
PICTURE INTEREST INVENTORY Computational	(CTB)	2	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	PPFP		
PICTURE INTEREST INVENTORY Scientific	(GTB)	2	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	PPFP		
PICTURE INTEREST INVENTORY Verbal	(CTB)	2	2	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	PPFP		
ROTHWELL-MIDLER INTEREST BLANK Scientific	(ACER)	1	2	2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	PPFP		
SARBAN STUDENT'S INTEREST INVENTORY Scientific	(TNS)	0	2	2	0	0	2	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	2	PPFP		
THURSTONE INTEREST SCHEDULE Biological Science	(PC)	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	PPFP		
THURSTONE INTEREST SCHEDULE Linguistic	(PC)	0	2	2	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	PPFP		
THURSTONE INTEREST SCHEDULE Physical Science	(PC)	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	PPFP		
VOCATIONAL INTEREST PROFILE (YTB) Numerical	(UBCB)	1	2	2	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	PPFP		
VOCATIONAL INTEREST PROFILE (VIP) Scientific	(UBCB)	1	2	2	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	PPFP		
WIDE RANGE INTEREST-OPINION TEST Biological Science	(GAD)	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	3	PPFP		
WIDE RANGE INTEREST-OPINION TEST Number	(GAD)	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	PPFP		
WORK VALUES INVENTORY Intellectual Stimulation	(HMC)	1	2	2	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	PPFP		
63D. Outdoor Interests																															
BRAINARD OCCUPATIONAL PREFERENCE INVENTORY Agricultural (For Boys and Men)	(PC)	2	2	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	PPFP	
BROOK REACTION TEST - EXPERIMENTAL EDITION Agricultural	(NFER)	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	PPFP		
BROOK REACTION TEST - EXPERIMENTAL EDITION Outdoor	(NFER)	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	PPFP		

SECONDARY GOAL TEST NAME

TEST NAME	Rating Ranges	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS											ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES							
		CONTENT	CONSTRUCT			CONCURRENT		REAL INTENT GIVEN		CONTEMP. HENSON		INSTRUCTIONS			FORMAT			TIME AND PACING			RECORDING ANSWERS			ADMINISTRATION		SCORING EASE					INTERPRETATION		RELIABILITY		REPLICABILITY			RANGE - COVERAGE		SCORE GRADATION	
		0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1						0-3	0-3	0-3	0-1	0-3	0-2	Grade					
BROOK REACTION TEST - EXPERIMENTAL EDITION Sport	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BROOK REACTION TEST - EXPERIMENTAL EDITION Travel	(NFER)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GALIFORNIA OCCUPATIONAL PREFERENCE SURVEY Outdoor	(EITS)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CAREER GUIDANCE INVENTORY Agriculture and Forestry Technology	(EG1)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CAREER GUIDANCE INVENTORY Civil and Architectural Engineering Technology	(EG1)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CAREER INTERESTS TEST Outdoor-Physical	(EDIT5)	0	1	2	0	0	0	0	0	0	0	2	0	1	0	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CROWLEY OCCUPATIONAL INTERESTS BLANK Part 1 Active - Outdoor - Boys	(CRAC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CROWLEY OCCUPATIONAL INTERESTS BLANK Part 1 Active - Outdoor - Girls	(CRAC)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CURTIS INTEREST SCALE Farming	(PA)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
FACTORIAL INTEREST BLANK Physical	(NFER)	1	0	2	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
FACTORIAL INTEREST BLANK Rural-Practical	(NFER)	1	0	1	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
FOWLER-PARNENTER SELF-SCORING INTEREST RECORD Outdoor	(GCT)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GEIST PICTURE INTEREST INVENTORY: FEMALE Outdoor	(HPS)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GEIST PICTURE INTEREST INVENTORY: MALE Outdoor	(HPS)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GORDON OCCUPATIONAL CHECK LIST Outdoor	(HBJ)	2	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GUILFORD-SHINEIDMAN-ZIMMERMAN INTEREST SURVEY Outdoor: Athletic Hobby	(SPS)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GUILFORD-SHINEIDMAN-ZIMMERMAN INTEREST SURVEY Outdoor: Athletic Vocation	(SPS)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
GUILFORD-SHINEIDMAN-ZIMMERMAN INTEREST SURVEY Outdoor: Natural Hobby	(SPS)	0	0	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

SECONDARY GOAL TEST NAME

Item	Rating Range		MEASUREMENT VALIDITY			EXAMINEE APPROPRIATENESS											ADMINISTRATIVE USABILITY								NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES									
			CONTENT	CONSTRUCT	CONCURRENT/PREDICTIVE	REAL INTENT GIVEN			COMPREHENSION			INSTRUCTIONS			FORMAT		TIME AND PACING			RECORDING ANSWERS			ADMINISTRATION			SCORING EASE			INTERPRETATION			CAN DECISIONS BE MADE?			RELIABILITY		REPLICABILITY		
						% Goal Assessed	% Items Belonging	Empirical Item Sel.	Theoretical	Divergent	Factorial	Experimental	Item Appropriateness	Item Difficulties	Item Relevance	Concepts, Vocabulary	Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence	Testing Group Size	Administrator	Time	Norm Range	Score Interpretation	Score Conversion	Norm Group		Score Interpreter	Test - Retest	Internal Consistency	Alternate Form	Range - Coverage	Score Gradation			
GUILFORD-SHELDON-ZIMMERMAN INTEREST SURVEY Outdoor: Natural Vocational	(SPS)	0 0 2 0 0 0 0 0 0 0 0	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
GUILFORD-ZIMMERMAN INTEREST INVENTORY Natural	(SPS)	0 1 2 0 0 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HACKMAN-GATHER VOCATIONAL INTEREST INVENTORY Outdoor	(PSCP)	1 1 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HALL OCCUPATIONAL ORIENTATION INVENTORY Location Concern	(TEC)	2 0 0 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HOW WELL DO YOU KNOW YOUR INTERESTS Adventure	(EAC)	1 0 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HOW WELL DO YOU KNOW YOUR INTERESTS Farm or Ranch	(EAC)	1 0 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HOW WELL DO YOU KNOW YOUR INTERESTS Gardening	(EAC)	1 0 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HOW WELL DO YOU KNOW YOUR INTERESTS Hunting	(EAC)	1 0 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
HOW WELL DO YOU KNOW YOUR INTERESTS Sports: Participative	(EAC)	1 0 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
INVENTORY OF VOCATIONAL INTERESTS Farm Agricultural	(PA)	0 1 2 0 1 0 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
KIDDER GENERAL INTEREST SURVEY Outdoor	(SRA)	1 1 2 0 1 0 0 0 2 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
KIDDER PREFERENCE RECORD - VOCATIONAL Outdoor	(SRA)	0 1 2 0 1 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
MINNESOTA VOCATIONAL INTEREST INVENTORY Outdoors	(PC)	1 1 2 0 1 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
OCCUPATIONAL INTEREST INVENTORY: ADVANCED Natural	(CTB)	1 1 2 0 1 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Natural	(CTB)	1 0 2 0 1 0 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
OHIO VOCATIONAL INTEREST SURVEY Agriculture	(HBJ)	2 0 2 1 1 1 0 0 0 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Outdoor	(ACER)	0 0 2 0 0 0 0 0 1 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Outdoor	(ACER)	0 1 2 0 0 0 0 0 1 0	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	



SECONDARY GOAL

TEST NAME

	Rating Range	MEASUREMENT VALIDITY							EXAMINEE APPROPRIATENESS								ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES							
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE — COVERAGE	SCORE GRADATION														
PICTURE INTEREST INVENTORY <i>Natural</i>	(CTB)	2	0	2	0	0	0	0	0	1	0	1	2	0	0	1	1	2	1	1	2	0	1	1	0	0	0	1	0	0	PFGP		
ROTHWELL-MILLER INTEREST BLANK <i>Outdoor</i>	(ACER)	1	1	2	0	1	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	0	0	PFGP		
SAFRAN STUDENT'S INTEREST INVENTORY <i>Outdoor</i>	(TNS)	0	0	2	0	0	0	0	0	1	0	0	2	0	0	1	1	1	1	1	1	2	1	1	0	1	2	0	2	PFGP			
WIDE RANGE INTEREST-OPINION TEST <i>Activity by Sex</i>	(GAD)	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	PFEFP		
WIDE RANGE INTEREST-OPINION TEST <i>Athletics</i>	(GAD)	0	0	2	0	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	PFGP		
WIDE RANGE INTEREST-OPINION TEST <i>Outdoor</i>	(GAD)	0	0	2	0	1	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	2	1	0	2	1	0	2	0	1	PFGP		
WIDE RANGE INTEREST-OPINION TEST <i>Mask</i>	(GAD)	0	0	2	0	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	2	0	2	1	0	2	0	1	1	PFGP		
<i>63B. Creative Interests</i>																																	
BRAINARD OCCUPATIONAL PREFERENCE INVENTORY <i>Esthetic</i>	(PC)	2	1	2	0	1	1	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	0	1	1	PGFP	
BROOK REACTION TEST - EXPERIMENTAL EDITION <i>Aesthetic</i>	(NEFR)	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	2	1	1	0	1	0	2	0	1	PFGP	
BROOK REACTION TEST - EXPERIMENTAL EDITION <i>Entertainment</i>	(NEFR)	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	2	1	1	0	1	0	2	0	1	PFGP	
BROOK REACTION TEST - EXPERIMENTAL EDITION <i>Literary</i>	(NEFR)	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	2	1	1	0	1	0	2	0	1	PFGP	
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY <i>Aesthetic, Professional</i>	(EITS)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	PGFP
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY <i>Aesthetic, Skilled</i>	(EITS)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	2	1	1	2	0	1	2	0	1	1	PGFP
CAREER INTERESTS TEST <i>Aesthetic-Literary</i>	(EDITS)	0	0	2	0	0	0	0	0	0	1	2	0	1	0	1	0	0	1	1	1	1	2	1	1	2	0	0	2	0	1	1	PFGP
CONNOLLY OCCUPATIONAL INTERESTS QUESTIONNAIRE <i>Group H</i>	(CRAC)	0	0	2	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	2	PFGP
CONNOLLY OCCUPATIONAL INTERESTS QUESTIONNAIRE <i>Group J</i>	(CRAC)	0	0	2	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	1	1	1	2	1	1	2	0	1	2	0	1	2	PFGP
GRONLEY OCCUPATIONAL INTERESTS BLANK <i>Part 1 Artistic - Boys</i>	(GRAC)	0	0	2	0	1	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	2	1	1	2	0	0	2	0	1	2	PFGP

SECONDARY GOAL TEST NAME

MEASUREMENT VALIDITY	EXAMINEE APPROPRIATENESS	ADMINISTRATIVE USABILITY	NORMED TECHNICAL EXCELLENCE	TOTAL LETTER GRADES	Rating Range	
					Lower	Upper
HACKMAN-GAITHER VOCATIONAL INTEREST INVENTORY Artistic	0.2 1.1 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 0.1 1.0 1.1 1.1 1.1	0.2 2.1 1.1 1.0 1.1 0.1 1.0 1.1	0.3 0.2 0.1 0.0	P G F P	(PSCP)
HOW WELL DO YOU KNOW YOUR INTERESTS Amusement: Managerial	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 1.0 0.1 0.0	P G F P	(EAC)
HOW WELL DO YOU KNOW YOUR INTERESTS Amusement: Productive	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 2.0 0.1 0.0	P G F P	(EAC)
HOW WELL DO YOU KNOW YOUR INTERESTS Literary: Productive	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 2.0 0.1 0.0	P G F P	(EAC)
HOW WELL DO YOU KNOW YOUR INTERESTS Musical: Composing	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 2.0 0.1 0.0	P G F P	(EAC)
HOW WELL DO YOU KNOW YOUR INTERESTS Musical: Performing	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 2.0 0.1 0.0	P G F P	(EAC)
HOW WELL DO YOU KNOW YOUR INTERESTS Visual Art: Decorative	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 1.0 0.1 0.0	P G F P	(EAC)
HOW WELL DO YOU KNOW YOUR INTERESTS Visual Art: Productive	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 1.0 1.2 0.1 1.1	0.3 1.0 0.1 0.0	P G F P	(EAC)
INVENTORY OF VOCATIONAL INTERESTS Artistic	0.2 1.1 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.0 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.1 0.1 1.1	0.3 0.0 0.1 0.0	P F F P	(PA)
KUDER GENERAL INTEREST SURVEY Artistic	0.2 1.0 2.0 1.0 0.0 0.2 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.2 0.1 0	0.3 2.0 0.1 0.0	P G F P	(SRA)
KUDER GENERAL INTEREST SURVEY Literary	0.2 1.0 2.0 1.0 0.0 0.2 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.1 1.2 0.1 0	0.3 2.0 0.1 0.0	P G F P	(SRA)
KUDER GENERAL INTEREST SURVEY Musical	0.2 1.0 2.0 1.0 0.0 0.2 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.1 1.2 0.1 0	0.3 2.0 0.1 0.0	P G F P	(SRA)
KUDER PREFERENCE RECORD - VOCATIONAL Artistic	0.2 0.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.1 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.2 0.1 2	0.3 0.0 0.1 0.0	P G G P	(SRA)
KUDER PREFERENCE RECORD - VOCATIONAL Literary	0.2 0.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.1 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.2 0.1 2	0.3 0.0 0.1 0.0	P G G P	(SRA)
KUDER PREFERENCE RECORD - VOCATIONAL Musical	0.2 0.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.1 1.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.2 0.1 2	0.3 0.0 0.1 0.0	P G G P	(SRA)
OCCUPATIONAL INTEREST INVENTORY: ADVANCED The Arts	0.2 1.1 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 0.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.2 0.1 1	0.3 0.0 0.1 0.0	P F F P	(CTB)
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE The Arts	0.2 1.0 2.0 1.0 0.0 0.0 0	0.1 1.2 0.1 1.1 1.0 0.1 1.1 1.1 1.1	0.1 2.1 1.1 2.0 1.2 0.1 1	0.3 0.0 0.1 0.0	P F F P	(CTB)
OHIO VOCATIONAL INTEREST SURVEY Artistic	0.2 2.0 2.1 1.1 1.0 0.0 0	0.1 1.2 0.1 1.1 1.0 1.1 1.1 0.1 1.1	0.1 2.1 0.2 1.1 1.1 1.1 1.2	0.3 0.3 0.1 0.0	P F G P	(HBA)

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES														
		CONTENT					CONSTRUCT					REAL INTENT GIVEN					COMPARE INSTRUCTION					ADMINISTRATION					SCORING EASE					INTERPRETATION						RELIABILITY													
		0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1		0-1	0-1	0-1	0-1	0-1									
OHIO VOCATIONAL INTEREST SURVEY Entertainment and Performing Arts	(HBJ)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	0	1	1	2	1	0	2	1	1	1	1	1	2	0	3	0	1	0	0	0	3	0	1	0	0	P	F	G	P	P
OHIO VOCATIONAL INTEREST SURVEY Literary	(HBJ)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	0	1	1	2	1	0	2	1	1	1	1	1	2	0	3	0	1	0	0	0	3	0	1	0	0	P	F	G	P	P
OHIO VOCATIONAL INTEREST SURVEY Music	(HBJ)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	0	1	1	2	1	0	2	1	1	1	1	1	2	0	3	0	1	0	0	0	3	0	1	0	0	P	F	G	P	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Artistic	(ACER)	0	0	2	0	0	0	0	0	0	1	0	1	2	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	1	1	0	0	0	1	1	1	P	G	F	F	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Literary	(ACER)	0	0	1	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	3	1	0	0	0	1	3	1	P	F	F	F	P
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Artistic	(ACER)	0	0	2	0	0	0	0	0	1	0	1	2	0	1	0	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	3	3	0	1	1	1	0	3	3	0	1	1	P	G	F	F	F
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Literary	(ACER)	0	0	1	0	0	0	0	0	1	0	1	2	0	1	0	1	1	1	1	1	1	1	1	2	1	1	1	0	1	2	0	1	0	2	3	0	1	1	1	0	2	3	0	1	1	P	G	F	F	F
PICTURE INTEREST INVENTORY Aesthetic	(CTB)	2	1	2	0	0	0	0	0	0	1	0	1	2	0	0	1	1	0	0	1	1	1	1	2	1	1	2	1	1	2	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	P	F	G	P	P
PICTORIAL STUDY Aesthetic	(PA)	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	1	2	0	1	0	0	0	0	1	3	1	0	0	0	1	3	1	P	P	F	F	P
ROTHWELL-MILLER INTEREST BLANK Aesthetic	(ACER)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P
ROTHWELL-MILLER INTEREST BLANK Musical	(ACER)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	2	1	1	1	0	1	2	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P
SAFRAN STUDENT'S INTEREST INVENTORY Artistic	(TNS)	0	1	2	0	0	0	0	0	0	1	0	1	2	0	0	1	1	1	0	1	1	1	1	2	1	1	1	0	1	2	0	1	2	0	0	0	0	2	2	0	0	0	0	2	2	P	F	F	F	P
THURSTONE INTEREST SCHEDULE Artistic	(PC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	F	P
THURSTONE INTEREST SCHEDULE Musical	(PC)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	F	P
VOCATIONAL INTEREST PROFILE (VIP) Artistic	(UBCB)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P
VOCATIONAL INTEREST PROFILE (VIP) Literary	(UBCB)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P
VOCATIONAL INTEREST PROFILE (VIP) Musical	(UBCB)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	P	F	F	F	P
WIDE RANGE INTEREST-OPINION TEST Art	(GAD)	0	0	2	0	1	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	1	0	0	0	1	1	2	0	0	0	1	1	2	P	F	F	F	P



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY				EXAMINEE APPROPRIATENESS						ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																			
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE — COVERAGE	SCORE GRADATION																						
WIDE RANGE INTEREST-OPINION TEST Drama	(GAD)	0	0	1	0	1	0	0	0	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	1	0	0	0	1	1	2	P	F	F	F						
WIDE RANGE INTEREST-OPINION TEST Music	(GAD)	0	0	2	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	0	2	1	0	2	0	1	1	2	P	F	F	F							
MORK VALUES INVENTORY Creativity	(HMC)	1	0	2	0	1	0	1	0	0	0	1	0	0	1	1	1	1	1	2	1	1	2	1	1	2	0	1	0	0	0	0	1	1	2	P	F	F	F		
MORK VALUES INVENTORY Esthetics	(HMC)	1	0	2	0	1	0	1	0	0	0	1	0	0	1	1	1	1	1	2	1	1	2	1	1	2	0	1	0	0	0	0	1	1	2	P	F	F	F		
63F, Office Interests																																									
BRAINPOD OCCUPATIONAL PREFERENCE INVENTORY Commercial	(PC)	2	1	1	0	1	1	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	F	
BROOK REACTION TEST - EXPERIMENTAL EDITION Secretarial	(NEER)	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F	
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY Business, Skilled	(EITS)	1	0	1	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	F
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY Clerical	(EITS)	1	1	2	0	1	0	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	F
CALIFORNIA OCCUPATIONAL PREFERENCE SURVEY Linguistic, Skilled	(EITS)	1	0	1	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	F
CAREER INTERESTS TEST Commercial-Clerical	(EDITS)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F
CONNOLLY OCCUPATIONAL INTERESTS QUESTIONNAIRE Group K	(CRAC)	0	1	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	G	F
CROWLEY OCCUPATIONAL INTERESTS BLANK Part 1 Office - Boys	(CRAC)	0	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F
CROWLEY OCCUPATIONAL INTERESTS BLANK Part 1 Office - Girls	(CRAC)	0	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F
CURTIS INTEREST SCALE Business	(PA)	0	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F
CURTIS INTEREST SCALE Computation	(PA)	0	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F
FOULER-PARMENTER SELF-SCORING INTEREST RECORD Clerical	(GCT)	1	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F
GEIST PICTURE INTEREST INVENTORY: FEMALE Clerical	(WPS)	1	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMP. HENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMIN. ASSISTANCE	SCORING EASE	INTERPRETATION	CAN DECISIONS BE MADE?	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION									
GEIST PICTURE INTEREST INVENTORY: MALE Clerical	(MPS)	1	1	2	0	1	0	0	0	1	0	0	2	0	1	1	2	0	1	1	1	0	0	1	1	2	P F F P	
GORDON OCCUPATIONAL CHECK LIST Business	(HBJ)	2	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Office Work: Clerical	(SPS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Office Work: Clerical	(SPS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Office Work: Numerical	(SPS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Office Work: Numerical	(SPS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Office Work: Numerical	(SPS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
GUILFORD-SHNEIDMAN-ZIMMERMAN INTEREST SURVEY Office Work: Numerical	(SPS)	0	1	2	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
HACKMAN-GATHER VOCATIONAL INTEREST INVENTORY Business - Clerical	(PSCP)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Clerical	(EAC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
HOW WELL DO YOU KNOW YOUR INTERESTS Numerical	(EAC)	1	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
INVENTORY OF VOCATIONAL INTERESTS Business And Economic	(PA)	0	1	1	0	1	0	0	0	0	0	1	2	0	1	0	1	0	1	1	0	1	1	1	1	1	P F F P	
KUDER GENERAL INTEREST SURVEY Clerical	(SRA)	1	0	2	0	1	0	0	0	2	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
KUDEI GENERAL INTEREST SURVEY Computational	(SRA)	1	0	2	0	1	0	0	0	2	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
KUDER PREFERENCE RECORD - VOCATIONAL Clerical	(SRA)	0	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G G P	
KUDER PREFERENCE RECORD - VOCATIONAL Computational	(SRA)	0	0	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G G P	
MINNESOTA VOCATIONAL INTEREST INVENTORY Office Work	(PC)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	P G F P	
MINNESOTA VOCATIONAL INTEREST INVENTORY Stock Clerk	(PC)	1	0	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	P G F P	
OCCUPATIONAL INTEREST INVENTORY: ADVANCED Business	(CTB)	1	1	1	0	1	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	P F F P	

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY						EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES									
		CONTENT		CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN		COMPARE REVISION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE		INTERPRETATION			RELIABILITY		REPLICABILITY		RANGE — COVERAGE		SCORE GRADATION		
OCCUPATIONAL INTEREST INVENTORY - ADVANCED Computational	(CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Business	(CTB)	1	1	1	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
OCCUPATIONAL INTEREST INVENTORY: INTERMEDIATE Computational	(CTB)	1	1	2	0	1	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
OHIO VOCATIONAL INTEREST SURVEY - Clerical Work	(HBJ)	2	1	2	1	1	1	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	FFGP
OHIO VOCATIONAL INTEREST SURVEY Numerical	(HBJ)	2	0	2	1	1	1	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Clerical	(ACER)	0	0	2	0	0	0	0	0	0	1	0	2	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Computational	(ACER)	0	0	2	0	0	0	0	0	0	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Clerical	(ACER)	0	0	2	0	0	0	0	0	0	1	0	1	2	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFF
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM M Computational	(ACER)	0	0	2	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFF
PICTURE INTEREST INVENTORY Business	(CTB)	2	0	1	1	0	0	0	0	0	1	0	1	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
PRIMARY BUSINESS INTERESTS TEST Accounting	(CA)	2	0	1	2	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
PRIMARY BUSINESS INTERESTS TEST Sales-Office	(CA)	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
PRIMARY BUSINESS INTERESTS TEST Stenographic-Filing	(CA)	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
ROTHWELL-MILLER INTEREST BLANK Clerical	(ACER)	1	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
ROTHWELL-MILLER INTEREST BLANK Computational	(ACER)	1	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
SARFAN STUDENT'S INTEREST INVENTORY Economic	(TMS)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
THURSTONE INTEREST SCHEDULE Computational	(PC)	0	0	1	0	1	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP
VOCATIONAL INTEREST PROFILE (VIP) Clerical	(UBSB)	1	0	1	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	PFFP

SECONDARY GOAL TEST NAME

MEASUREMENT VALIDITY	CONTENT		CONSTRUCT			CONCURRENT		PREDICTIVE		EXAMINEE APPROPRIATENESS	ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE	TOTAL LETTER GRADES				
	Item Selection	% Goal Assessed	% Items Belonging	Empirical Item Sel.	Theoretical	Divergent	Factorial	Experimental	REAL INTENT GIVEN		ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY						
Rating Range:	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-2	0-2	0-1	0-1	0-3	0-3	0-3	0-3					
WIDE RANGE INTEREST-OPINION TEST Office Work	(GAD)	0	1	0	1	0	0	0	0	0	1	1	0	0	1	1	1	1	PFFP		
MIDE RANGE INTEREST-OPINION TEST Sedentariness	(GAD)	0	0	1	0	1	0	0	0	0	1	1	0	0	1	1	1	1	PFFP		
63g. Domestic Interests																					
BROOK REACTION TEST - EXPERIMENTAL EDITION Clothing and Appearance	(NBER)	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	PFFP	
HOW WELL DO YOU KNOW YOUR INTERESTS Domestic Service	(EAC)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	0	1	1	1	PFFP	
MINNESOTA VOCATIONAL INTEREST INVENTORY Baker	(PC)	1	0	1	0	1	0	0	0	0	1	2	0	1	1	0	0	2	0	1	PFFP
MINNESOTA VOCATIONAL INTEREST INVENTORY Food Service	(PC)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	0	0	2	0	1	PFFP
MINNESOTA VOCATIONAL INTEREST INVENTORY Food Service Manager	(PC)	1	0	1	0	1	0	0	0	0	1	2	0	1	1	0	0	2	0	1	PFFP
PHILLIPS OCCUPATIONAL PREFERENCE SCALE - FORM F Practical	(ACER)	0	0	1	0	0	0	0	0	1	0	1	2	0	1	0	1	2	0	1	PFFP
64. VOCATIONAL PERCEPTUAL AND MOTOR ABILITIES																					
64A. Auditory Acuity																					
GOLDMAN-RISTOE-WOODCOCK TEST OF AUDITORY DISCRIMINATION Noise Subtest	(AGS)	2	0	1	0	1	0	0	1	0	0	2	0	0	1	1	0	1	1	1	PFFP
GOLDMAN-RISTOE-WOODCOCK TEST OF AUDITORY DISCRIMINATION Quiet Subtest	(AGS)	2	0	1	0	1	0	0	1	0	0	2	0	0	1	1	0	1	1	1	PFFP
HOLLTEN-THOMPSON GROUP HEARING TEST	(LRA)	1	0	2	0	1	0	0	0	0	1	2	0	1	1	0	0	1	1	1	PFFP
KVALWASSER-DYKEMA MUSIC TESTS Intensity Discrimination	(CF)	0	0	2	0	0	0	0	0	0	1	2	0	1	1	0	0	1	0	1	PFFP
KVALWASSER-DYKEMA MUSIC TESTS Pitch Discrimination	(CF)	0	0	2	0	0	0	0	0	0	1	2	0	1	1	0	0	1	0	1	PFFP
KVALWASSER-DYKEMA MUSIC TESTS Quality Discrimination	(CF)	0	0	2	0	0	0	0	0	0	1	2	0	1	1	0	0	1	0	1	PFFP
KVALWASSER-DYKEMA MUSIC TESTS Rhythm Discrimination	(CF)	0	0	2	0	0	0	0	0	0	1	2	0	1	1	0	0	1	0	1	PFFP

SECONDARY GOAL TEST NAME

MEASUREMENT VALIDITY	MEASUREMENT VALIDITY			EXAMINEE APPROPRIATENESS	EXAMINEE APPROPRIATENESS				ADMINISTRATIVE USABILITY	ADMINISTRATIVE USABILITY						NORMED TECHNICAL EXCELLENCE	TOTAL LETTER GRADES																							
	CONTENT		CONSTRUCT		COMPREHENSION		INSTRUCTIONS			FORMAT		ADMINISTRATION		INTERPRETATION				RELIABILITY																						
	% Goals Assessed	% Items Belonging	Empirical Item Sel.		Theoretical	Item Appropriateness	Item Difficulties	Concepts, Vocabulary		Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence			Testing Group Size	Administrator	Time	Norm Range	Score Interpretation	Score Conversion	Norm Group	Score Interpreter	Test - Retest	Internal Consistency	Alternate Form	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION									
KWAMASSER-DYKEMA MUSIC TESTS Time Discrimination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P							
KWAMASSER-DYKEMA MUSIC TESTS Total Memory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P					
KWAMASSER-DYKEMA MUSIC TESTS Total Score	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P				
LEBLANC MUSIC TALENT QUIZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	F	F	P			
LINDAMOOD AUDITORY CONCEPTUALIZATION TEST Isolated Sounds in Sequence	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P		
LINDAMOOD AUDITORY CONCEPTUALIZATION TEST Sounds within Syllable Pattern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P		
LINDAMOOD AUDITORY CONCEPTUALIZATION TEST Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P		
MEASURES OF MUSICAL ABILITIES Chords	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P	
MEASURES OF MUSICAL ABILITIES Full Test Battery	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P	
MEASURES OF MUSICAL ABILITIES Pitch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P	
MEASURES OF MUSICAL ABILITIES Rhythm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P	
MEASURES OF MUSICAL ABILITIES Tunes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P	
MUSIC ACHIEVEMENT TESTS - TEST 1 Pitch Discrimination	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSIC ACHIEVEMENT TESTS - TEST 4 Chord Recognition	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSICAL APTITUDE PROFILE Rhythm Imagery	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSICAL APTITUDE PROFILE Meter	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSICAL APTITUDE PROFILE Tempo	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSICAL APTITUDE PROFILE Rhythm Imagery	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSICAL APTITUDE PROFILE Total	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P
MUSICAL TALENT TEST	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P	G	F	P

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY										EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY										NORMED TECHNICAL EXCELLENCE					TOTAL LETTER GRADES																																																				
		CONTENT					CONSTRUCT					CONCURRENT					PREDICTIVE					REAL INTENT GIVEN					COMPARE DIMENSION					INSTRUCTIONS						FORMAT					TIME AND PACING					RECORDING ANSWERS					ADMINISTRATION					SCORING EASE					INTERPRETATION					CAN DECISIONS BE MADE?					RELIABILITY					REPLICABILITY					RANGE - COVERAGE					SCORE GRADATION	
TILSON-GRETSCH MUSICAL APPTITUDE TEST Intensity	(fcc)	0-2	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-3	0-1	0-2	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-2	0-1	0-1	0-1	0-3	0-3	0-3	0-1	0-3	0-2	U-2																																				
TILSON-GRETSCH MUSICAL APPTITUDE TEST Pitch	(fcc)	2	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	0	0	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	2	0	1	0	0	0	1	0	0	0	1	0	0	P-F-P-P																																				
TILSON-GRETSCH MUSICAL APPTITUDE TEST Time	(fcc)	2	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	0	0	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	2	0	1	0	0	0	1	0	0	0	1	0	0	P-F-F-P																																					
TILSON-GRETSCH MUSICAL APPTITUDE TEST Tonal Memory	(fcc)	2	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	0	0	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	2	0	1	0	0	0	1	0	0	0	1	0	0	P-F-F-P																																					
TILSON-GRETSCH MUSICAL APPTITUDE TEST Total	(fcc)	2	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	0	0	1	1	1	1	2	1	1	2	0	0	2	0	1	0	0	2	0	1	0	0	0	1	0	0	0	1	0	0	P-F-F-P																																					
VISION, HEARING, AND MOTOR COORDINATION: ADVANCED PRE-TESTS Auditory Acuity	(CTB)	0	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1	2	0	0	2	0	1	1	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	P-G-F-P																																				
64B: Visual Acuity																																																																																									
DETROIT GENERAL APPTITUDES EXAMINATION SIZES	(BWC)	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																				
FLANNAGAN APPTITUDE CLASSIFICATION TESTS Inspection	(SRA)	0	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	0	1	0	1	1	1	1	2	1	1	2	0	0	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																			
GUILFORD-ZIMMERMAN APPTITUDE SURVEY Perceptual Speed	(SPS)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	0	0	1	1	1	1	1	2	1	1	2	0	0	1	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																		
HARRIS TESTS OF LATERAL DOMINANCE Stereoscopic Tests	(PC)	0	0	2	0	1	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																		
MacQUARRIE TEST FOR MECHANICAL ABILITY Location	(CTB)	0	0	1	0	1	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-G-F-P																																		
MacQUARRIE TEST FOR MECHANICAL ABILITY Pursuit	(CTB)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-G-F-P																																	
MATHEMATICAL AND TECHNICAL TEST Continuing Patterns	(GH)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	1	1	1	1	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																
MATHEMATICAL AND TECHNICAL TEST Copying Models	(GH)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-G-P-P																																
MEASUREMENT OF SKILLS Basic Screening Test - vision	(AVA)	0	0	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	1	1	1	1	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-F-P-P																																	
PERCEPTUAL SPEED (IDENTICAL FORMS)	(IRC)	0	0	2	0	0	1	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																
PRIMARY MECHANICAL ABILITY TESTS	(STA)	1	0	2	0	1	0	0	0	0	0	0	4	2	0	1	1	1	0	0	0	1	1	1	1	1	2	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	P-F-F-P																																

SECONDARY GOAL TEST NAME

TEST NAME	Rating Range:	MEASUREMENT VALIDITY				EXAMINEE APPROPRIATENESS											ADMINISTRATIVE USABILITY				NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES																					
		CONTENT	CONSTRUCT	CONCURRENT	PREDICTIVE	REAL INTENT GIVEN	COMPREHENSION	INSTRUCTIONS	FORMAT	TIME AND PACING	RECORDING ANSWERS	ADMINISTRATION	SCORING EASE	INTERPRETATION	RELIABILITY	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION																												
VISION, HEARING, AND MOTOR COORDINATION: ADVANCED PRE-TESTS Visual Acuity	(CTB)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	0	0	2	0	1	3	0	0	0	1	0	0	P	G	G	P					
WILSON DRIVER SELECTION TEST Depth Visualization	(MB)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	0	0	1	0	0	0	0	0	1	0	0	P	G	G	P		
WILSON DRIVER SELECTION TEST Recognition of Simple Detail	(MB)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	2	0	0	1	0	0	0	0	0	1	0	0	P	F	F	P		
WILSON DRIVER SELECTION TEST Total	(MB)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	2	0	0	1	0	0	0	0	0	1	0	0	P	F	F	P		
WILSON DRIVER SELECTION TEST Visual Attention	(MB)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	0	1	2	0	0	1	0	0	0	0	1	0	0	P	F	F	P		
<i>64c. Coordination</i>																																														
BENDER MOTOR GESTALT TEST	(AOKA)	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	P	F	F	P
CASSEL GROUP LEVEL OF ASPIRATION TEST Psychological Response to Failure	(MPS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
CASSEL GROUP LEVEL OF ASPIRATION TEST Psychological Response to Failure	(MPS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
CLERICAL SKILLS SERIES Eye-Hand Accuracy	(MB)	1	0	2	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	P	P
DETROIT GENERAL APTITUDES EXAMINATION Circles	(BMC)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
DETROIT GENERAL APTITUDES EXAMINATION Clerical Aptitude	(BMC)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
DETROIT TESTS OF LEARNING APTITUDE Motor Speed and Precision	(BMC)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
DEVELOPMENTAL TEST OF VISUAL-MOTOR INTEGRATION	(FEC)	1	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
FLANAGAN APTITUDE CLASSIFICATION TESTS Coordination	(SRA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P	
FLANAGAN APTITUDE CLASSIFICATION TESTS Patterns	(SRA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P	
FLANAGAN APTITUDE CLASSIFICATION TESTS Precision	(SRA)	0	1	2	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P	
HOLMES' PERFLUXEX TESTS Dex-Man Scale	(PA)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY				EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY							NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES															
		CONTENT		CONSTRUCT		REAL INTENT GIVEN		COMPREHENSION		INSTRUCTIONS		FORMAT		TIME AND PACING		RECORDING ANSWERS		ADMINISTRATION		SCORING EASE			INTERPRETATION			RELIABILITY																
		% Goal Assessed	% Items Belonging	Theoretical	Divergent	Factorial	Experimental	Predictive	Item Appropriateness	Item Difficulties	Item Relevance	Concepts, Vocabulary	Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence	Testing Group Size	Administrator	Time	Norm Range	Score Interpretation	Score Conversion	Norm Group	Score Interpreter		CAN DECISIONS BE MADE?	Test - Retest	Internal Consistency	Alternate Form	REPLICABILITY	RANGE - COVERAGE	SCORE GRADATION								
TORSE SHORTHAND APPTITUDE TEST Stroking	(HBS)	1	0	2	0	1	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	F	P	
VISION, HEARING, AND MOTOR COORDINATION: ADVANCED PRE-TESTS Motor Coordination	(CTB)	0	0	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
HECHLER INTELLIGENCE SCALE FOR CHILDREN Coding B.	(PC)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	P	P	
WILSON DRIVER SELECTION TEST Eye-Hand Coordination	(MB)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	P	P	
WILSON DRIVER SELECTION TEST Steadiness	(MB)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	P	P	
<i>64D, Dexterity</i>																																										
BENNETT HAND-TOOL DEXTERITY TEST	(PC)	1	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
CRANFORD SMALL PARTS DEXTERITY TEST Pins and Collars	(PC)	0	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
CRANFORD SMALL PARTS DEXTERITY TEST Screws	(PC)	0	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
FOSTER MAZES, A AND B	(CHS)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	P	P
HOLMES' PERPLEX TEST Dex-Aim Test	(PH)	0	0	2	0	1	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
KAHN INTELLIGENCE TESTS: EXPERIMENTAL FORM Motor Coordination	(PTS)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	P	P	P
KAHN INTELLIGENCE TESTS: EXPERIMENTAL FORM Sign Language	(PTS)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	P	P	P
MANIPULATIVE APPTITUDE TEST Left Hand	(HPS)	0	1	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
MANIPULATIVE APPTITUDE TEST Right Hand	(HPS)	0	1	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
MANIPULATIVE APPTITUDE TEST Total Manipulative Aptitude	(HPS)	0	1	2	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
MEASUREMENT OF SKILLS Skill With Fingers	(AMA)	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P	
O'CONNOR FINGER DEXTERITY TEST	(HPS)	0	1	2	0	1	0	0	0	0	0	0	0	0	1	2	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	P	P



SECONDARY GOAL TEST NAME

TEST NAME	Rating Range	MEASUREMENT VALIDITY				EXAMINEE APPROPRIATENESS										ADMINISTRATIVE USABILITY					NORMED TECHNICAL EXCELLENCE				TOTAL LETTER GRADES														
		CONTENT		CONSTRUCT		CONCURRENT		PREDICTIVE		REAL INTENT GIVEN					ADMIN-STRATION		SCORING EASE			RELIABILITY		REPLICABILITY																	
		% Goal Assessed	% Items Belonging	Theoretical	Divergent	Factorial	Experimental	Item Appropriateness	Item Difficulties	Item Relevance	Concepts, Vocabulary	Task Aspects	Administration	Sample Items	Page Layout	Illustration/Print	Item Coherence	TIME AND PACING	RECORDING ANSWERS	Testing Group Size	Administrator	Time	Norm Range	Score Interpretation		Score Conversion	Norm Group	Score Interpreter	CAN DECISIONS BE MADE?	Test — Retest	Internal Consistency	Alternate Form	RANGE — COVERAGE	SCORE GRADATION					
PENNSYLVANIA BI-MANUAL WORK SAMPLE Assembly	(AGS)	0	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P	
PENNSYLVANIA BI-MANUAL WORK SAMPLE Disassembly	(AGS)	0	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
PENNSYLVANIA BI-MANUAL WORK SAMPLE Total	(AGS)	0	1	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
PRACTICAL DEXTERITY BOARD	(SPECG)	1	0	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
PURDUE PEGBOARD Assembly	(SRA)	1	1	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
PURDUE PEGBOARD Both Hands	(SRA)	1	1	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
PURDUE PEGBOARD Left Hand	(SRA)	1	1	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
PURDUE PEGBOARD N + L + B	(SRA)	1	1	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
PURDUE PEGBOARD Right Hand	(SRA)	1	1	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
STRUCTURAL DEXTERITY TEST	(CBC)	0	1	2	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
TAPPING TEST	(PTA)	1	0	2	0	1	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	G	F	P
TWEEZER DEXTERITY TEST	(WPS)	0	1	2	0	0	0	0	0	0	0	0	0	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	P	F	F	P
64E. Physical Stamina and Strength																																							

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APPENDIX B
PUBLISHERS AND DISTRIBUTORS
OF EVALUATED TESTS

AAA	American Automobile Association 1712 G Street, N.W. Washington, D.C. 20006	AP	Arden Press 8331 Alvarado Drive Huntington Beach, California 92646
AAHPER	American Association for Health, Physical Education and Recreation 1201 16th Street, N.W. Washington, D.C. 20036	AsP	Association Press 291 Broadway New York, New York 10007
AAJE	American Association for Jewish Education 101 Fifth Avenue New York, New York 10003	ATB	American Test Bureau 459 Grant Street Indiana, Pennsylvania 15701
AC	Allington Corporation 801 North Pitt Street Alexandria, Virginia 22314	ATS	Attitude, Test Service P.O. Box 16 Golf, Illinois 60029
ACER	Australian Council for Educational Research Distribution Services Division Frédéric Street Hawthorn, Victoria 3122 AUSTRALIA	AVA	Activity Vector Analysis, Publications, Inc. 11 Dorrance Street Providence, Rhode Island 02903
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AGS	American Guidance Service, Inc. Publishers' Building Circle Pines, Minnesota 55014	BEM	Bureau of Educational Measurements, Kansas State Teachers College 1200 Commercial Street Emporia, Kansas 66801
AIR	American Institute for Research 8555 16th Street Silver Springs, Maryland 20910	BER	Bureau of Educational Research Ohio State University Columbus, Ohio 43210
AMP	Achievement Motivation Program W. Clement and Jessie V. Stone Foundation 111 East Wacker Drive, Suite 510 Chicago, Illinois 60601	BERS	Bureau of Educational Research and Service C-6 East Hall University of Iowa Iowa City, Iowa 52240
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		BSB	Barbara S. Boyle 944 Bryant Avenue Chico, California 95968

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Provo, Utah 84601

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11 Charlton Street
Princeton, New Jersey 08540

CAHPPER Canadian Association for Health,
Physical Education and Recreation
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Vanier City
Ontario, Canada K1L 8B9

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CBC Chriswell's Books and Coins
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CC* Conn Corporation
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CPH Christopher Publishing House
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Salt Lake City, Utah 84111

CRAC Careers Research and Advisory Center
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Cambridge
ENGLAND CB2 1LZ

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University of Minnesota
Minneapolis, Minnesota 55414

CSMPE School of Education
Center for the Study of Metropolitan
Problems in Education
University of Missouri-Kansas City
Nelson House
Kansas City, Missouri 64110

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New York, New York 10012

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DES	Dreier Educational Systems, Inc. 320 Raritan Avenue Highland Park, New Jersey 08904	EPS	Educators Publishing Service, Inc. 75 Moulton Street Cambridge, Massachusetts 02138
DET	Division of Educational Testing State Education Department Albany, New York 12224	ERB	Educational Records Bureau Box 619 Princeton, New Jersey 08540
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EC	Expression Company, Publishers P.O. Box 11 Magnolia, Massachusetts 01930	FEC	Follett Educational Corporation 1010 West Washington Boulevard Chicago, Illinois 60607
EDITS	Educational and Industrial Testing Services The Secretary 83 High Street Hemel Hempstead ENGLAND	FEO	F. E. Olds and Sons, Inc. Chicago Musical Instruments Company 7373 North Cicero Avenue Lincolnwood, Illinois 60646
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ODE	Oficina de Evaluation Departamento de Instruccion Publica Hato Rey PUERTO RICO	PEP	Psychologists and Educators Press, 419 Pendik Jacksonville, Illinois 62650
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UBS	University Bookstore Purdue University 360 State Street West Lafayette, Indiana 47906		

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