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ABSTRACT

This manual provides an overview and instructions for the application of vocational assessment to secondary special needs students, especially in Illinois. The manual is organized in six sections. The introductory section describes the provisions of the Carl D. Perkins Vocational Education Act in regard to student assessment and includes information on the legal aspects of parent/guardian notification and consent to initiate vocational assessment and student identification. The second section contains extensive questions and answers about vocational assessment, covering the definition of vocational assessment, why it is important for special needs students, who is responsible for assessment, when assessment should be initiated, and how it should be carried out. The third section of the manual describes the Illinois Three Level Assessment Process, how it is conducted, and how to apply it to special needs students. Included in the fourth section of the manual are matrices that identify various types of instruments that can be used in the vocational assessment process. Also provided is pertinent information regarding age/grade appropriateness, length of time required, method of reporting scores, potential for group administration, and usefulness with special needs populations. The fifth section contains sample forms for parent/guardian notification and consent, student, parent, and teacher interviews, vocational assessment reports, and bilingual vocational program student referral. The sixth section contains the following appendixes: format for developing a work sample, situational assessment checklist, cultural appropriateness rating criteria, assessment instruments and publishers addresses, and 124 references. (KC)



VOCATIONAL ASSESSMENT OF SECONDARY SPECIAL NEEDS STUDENTS

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Vocational Assessment of Illinois Secondary Special State E Needs Students of Edu

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INTRODUCTION

The Carl D. Perkins Vocational Education Act

The Carl D. Perkins Vocational Education Act (PL 98-524), signed on October 19, 1984, provides federal assistance to local education agencies for vocational education programs. A primary purpose of this Act is to insure the successful participation of special needs populations in vocational education programs. To support this participation, the Perkins Act includes set-asides to fund services for handicapped, disadvantaged, and limited-English-proficient persons.

The Perkins Act delineates mandated services to these special needs populations. One of the requirements which must be considered when providing these support services is the following:

Each local education agency (LEA) that receives an allotment of funds for handicapped, disadvantaged, or limited-English-proficient students will provide to each special needs student enrolled in a vocational education program an assessment of the student's interests, abilities, and special needs with respect to successfully completing the vocational education program (Federal Register, Friday, August 15, 1985).

This requirement implies the need to develop a systematic vocational assessment process. Inherent within this development is the idea that vocational assessment must be an ongoing process, represented by a continuum of activities, and that both formal and informal assessment activities should be utilized in order to gather the most appropriate information. Most importantly, vocational assessment is not a process to be used to screen students out of vocational education programs or employment settings. It should, instead, determine appropriate vocational education training and placement options and identify support services required to allow students to reach identified career goals.

In order to vocationally assess students, a variety of information must be obtained to determine appropriate vocational training and placement options. General assessment involves gathering informa-

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tion to assist educational personnel in preparing an educational program for individual special needs students. The ultimate goal of vocational assessment is to identify the need for individualized services, and to design an educational program incorporating these services for each special needs student (ISBE, 1987). Taking into account the student's abilities, interests, and specific needs that are determined through the assessment process, this educational program should be designed to enable the student to be placed in, and to succeed in, an appropriate vocational setting.

According to <u>Serving Handicapped</u>, <u>Disadvantaged</u>, <u>and Limited-English-Proficient Persons in Vocational Education Programs</u> (ISBE, 1987), vocational assessment is

a comprehensive, ongoing process with the purpose of identifying individual characteristics, strengths, weaknesses, and interests, as well as education, training, and placement needs. The goal of this process is to provide the student insight into the student's vocational potential and to provide educators the basis for planning a student's individual vocational program . . . Information obtained from vocational assessment may be used in the following ways: to determine whether vocational program placement is appropriate; to determine the applicability of services available to special population students; to determine need for remediation; to identify need for modified instructional materials; to identify need for other support services including adaptations of curriculum, methods of instruction, equipment, and facilities; and to provide a data base for guidance, counseling, and career development activities for individual students. (p. 8)

Comprehensive vocational assessment must be viewed as an ongoing process of information collection. During the assessment, vocational information about an individual special needs student is collected and analyzed. The amount and type of information collected on each student varies according to the information required to make appropriate vocational programming decisions.

In Illinois, three levels of vocational assessment activities have been identified (see section entitled "Levels of Assessment"). The three levels illustrate the differing types of information that may be collected throughout the vocational assessment process. Movement from one level to the next occurs as assessment personnel determine if additional information is required in order to make appropriate programming decisions.

Generally, Level 1 assessment activities are completed with all special needs students. The screening is done through Level 1 activities, and the information gleaned from these activities and assessments should, in most cases, allow educational personnel to make accurate and appropriate vocational education programming decisions for the majority of special needs students.

If information beyond that gathered during Level 1 activities is required to make adequate decisions, Level 2 activities should be considered. This consideration will be necessary for students with whom more in-depth information, or different types of information, is needed in order to appropriately place them in a training or employment environment.

For the most severely handicapped or disadvantaged students, when in-depth assessment activities are necessary in order to obtain information to appropriately train and place the students, Level 3 activities should be considered. These activities represent, for the most part, more time-consuming and more sophisticated approaches to gathering specific information.

It is critical that users of this manual recognize that appropriate vocational assessment activities will not always be determined simply by matching a type of student to a level of assessment. Each student assessment must be comprised of the types of activities which will yield the needed information. The three levels denoted in this manual serve only as guidelines for vocational assessment activities. (For a thorough description of the three levels of assessment, see Section III.)

Every individual has unique needs, interests, and abilities. It is important that these personal attributes are considered, and that students are provided with appropriate vocational preparation that will lead them toward satisfying and productive lives. Vocational as-



sessment represents a vehicle by which professionals can obtain information and make appropriate decisions regarding the vocational preparation of special needs students.

Parent/Guardian Notification and Consent to Initiate Vocational Assessment

Because vocational assessment is a process through which information is collected and analyzed, and from which student programming decisions are made, the Illinois State Board of Education/Department of Specialized Educational Services requires that parents of students who are served through special education programs be notified and give consent for vocational assessment activities that go beyond initial screening activities.

When all students are involved in a process, this process is referred to as screening. According to the *Special Education Administrative Bulletin* (Bulletin #17, July 25, 1986), screening is

a systematic process for determining which children from the general population are more likely than others to have a specific type of problem. Special education 'screening' means the process of reviewing all children in a given group with a set of criteria for the purpose of identifying certain individuals for evaluations who may be in need of special education (23 Illinois Administrative Code It would include procedures to help determine a student's individual and/or behavioral strengths and weaknesses that are being manifested in the school environment. Procedures that did not involve direct individual contact with the student (observation. interviewing of teachers, or reviewing of records) would not require parent/guardian permission.

Generally, if a vocational assessment activity is being completed with ALL students, parent/guardian permission is NOT required.



Vocational assessment activities that require direct contact with individual special education students in the group would require that the parent/guardian be notified and written permission be obtained PRIOR to the initiation of these vocational assessment activities. Any time a student or group of students is singled out and engaged in additional assessment activities which are above and beyond those in which all students are involved, parent/guardian consent must be obtained. When this situation occurs, a parent/guardian notification and consent form must be signed prior to the initiation of the vocational assessment activities. (See Sample Form A for sample parent/guardian notification and consent forms.)

For further information, or as individual questions arise concerning the need for parent/guardian notification and consent, contact the Illinois State Board of Education/Department of Specialized Educational Services, 100 North First Street, Springfield, IL 62777, (217) 782-6601.

Student Identification

The following criteria are used by the Illinois State Board of Education/Department of Adult, Vocational, and Technical Education (1987) to identify special needs students. Each of these conditions is listed as a separate category on the matrices of assessment instruments. Each matrix contains information related to the appropriateness of the test for utilization with individual categories. Note: Because special consideration may be warranted when determining the appropriateness of using specific vocational assessment instruments with autistic students, autism has been given a separate category within the matrices. In the following listing, autism is cited in the category of Other Health Impaired.

Identification of Handicapped Students

1. Mentally Retarded

Significantly subaverage general intelligence functioning which exists concurrently with deficits in adaptive behavior and is manifested during the developmental period and which adversely affects a student's educational performance. In Illinois this includes the special education classifications of educable mentally handicapped (EMH), trainable mentally handicapped (TMH), and the severe and profound populations.

2. Hearing Impaired

Having a hearing impairment, whether permanent or fluctuating, which adversely affects a student's educational performance, but which is not included under the definition of "deaf" in this section.

3. Deaf

Having a hearing impairment which is so severe that the student is impaired in processing linguistic information through hearing, with or without amplification, and which adversely affects educational performance.

4. Speech Impaired

Having a communication disorder, such as stuttering, impaired articulation, language impairment, or voice impairment, which adversely affects a student's educational performance.

5. Visually Handicapped

Having a visual impairment, which, even with correction, adversely affects a student's educational performance. The term includes both partially sighted and blind students.

6. Seriously Emotionally Disturbed

A condition exhibiting one or more of the following characteristics over a long period of time and to a marked degree, which adversely affects educational performance:

- A. An inability to learn which cannot be explained by intellectual, sensory, or health factors;
- B. An inability to build or maintain satisfactory interpersonal relationships with peers and teachers;
- C Inappropriate types of behavior or feelings under normal circumstances;
- D. A general pervasive mood of unhappiness or depression; or
- E. A tendency to develop physical symptoms or fears associated with personal or school problems.

The term does not include students who are socially maladjusted, unless it is determined that they are seriously emotionally disturbed.



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7. Orthopedically Impaired

Having a severe orthopedic impairment which adversely affects a student's educational performance. The term includes impairments caused by congenital anomaly, such as clubfoot or absence of some member, impairments caused by disease, such as poliomyelitis and bone tuberculosis, and impairments from other causes, such as cerebral palsy, amputations, and fractures or burns which cause contractures.

8. Other Health Impaired

Having limited strength, vitality, or alertness because of chronic or acute health problems, such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle-cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes, which adversely affect a student's educational performance. Autistic students should be included in this category.

9. Deaf-Blind

Having concomitant hearing and visual impairments, the combination of which causes such severe communication and other developmental and educational problems that the student cannot be accommodated in special education programs solely for deaf or blind students.

10. Multihandicapped

Having concomitant impairments, such as mentally retarded-blind or mentally retarded-orthopedically impaired, the combination of which causes such severe education problems that the student cannot be accommodated in special education programs solely for one of the impairments. The term does not include deaf-blind students. This is not a special education classification for reporting to the Illinois Department of Special Education. For this reporting, local education agencies identify the most prominent handicapping condition.

11. Specific Learning Disability

Having a disorder in one or more of the basic psychological processes involved in understanding or using language, spoken or written, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations. The term includes students with conditions such as perceptual handicaps, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia. The term does not include students who have learning problems which are primarily the result of visual, hearing, or motor handicaps; mental retardation; or environmental, cultural, or economic disadvantage. (ISBE/DAVTE, 1987)



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Identification of Disadvantaged Students

Identification of disadvantaged persons should be based upon the following conditions:

- A. The individual is not succeeding or cannot be expected to succeed in a regular vocational program without special assistance.
- B. Individuals, not groups, are identified.
- C. The individual is identified by the effect, not the cause, of the individual's disadvantaged condition.
- D. The individual's disadvantaged condition is a contributing factor to the individual's lack of success. (ISBE/DAVTE, 1987)

The criteria for identifying academically disadvantaged students in secondary agencies throughout Illinois is as follows:

- * A person who, based upon the results of standardized tests, is two grade levels below grade placement in reading, English, or math skills.
- * A student who is receiving a grade of D or below in a vocational class and needs support services to succeed in that class. (ISBE/DAVTE, 1987, p. 6)

Economically disadvantaged students at secondary agencies may be identified on the basis of eligibility for free or reduced-priced lunch (ISBE/DAVTE, 1987).

Limited-English-Proficient students are students who

- * were not born in the United States or whose native language is a language other than English,
- * come from environments where a language other than English is dominant,
- * are American Indian or Alaskan Native and who come from environments where a language other than English has had a significant impact on their level of English-language proficiency,

a n d

* by reason, thereof, have sufficient difficulty speaking, reading, writing, or understanding the English language as to deny such individuals the opportunity to learn successfully in classrooms



where the language of instruction is English or to participate fully in our society. (ISBE/DAVTE, 1987, p. 6)



VOCATIONAL ASSESSMENT QUESTIONS AND ANSWERS

Question: What is vocational assessment?

Answer:

Vocational assessment is a comprehensive, ongoing process, the purpose of which is to gather and analyze information that might facilitate in the development of goals and objectives for future educational and vocational program planning. Although the use of formal and/or informal measures of interests, abilities, aptitudes, and special needs may be included, it is important to note that test administration is only one of the methods used to collect assessment information. view of academic achievement records and previous educational and/or prevocational experiences, as well as interviews with the student, parents, and teachers can also provide additional insight into the student's strengths, limitations, and future training needs. Sample Forms B, C, and D for sample student, parent, and teacher interview forms.)

The target population for assessment under the Carl D. Perkins Vocational Education Act is special needs stu-This includes handicapped, disadvantaged, and limited-English-proficient students. Since members of these populations have often undergone extensive evaluation in the past, careful review of existing information can help to minimize the likelihood of duplicating information during the vocational assessment process. In the case of handicapped students, for example, many of the questions pertaining to cognitive, perceptual, psychomotor, and even affective functioning have often been answered through previous psychological and/or medical evaluations. Even if additional testing is needed, a review of the observations and information obtained through previous assessments can often assist in the selection of appropriate instruments for further testing.

When attempting to determine the assessment needs of disadvantaged and limited-English-proficient populations, it is equally important to review the information that has been obtained during past testing experiences. Due to cultural differences, language barriers, and/or academic deficits, these students have sometimes proven to be difficult to test using traditional assessment methods. For this reason, performance-based aptitude tests, work samples, situational assessment, on-the-job experiences, and career exploration activities often seem to prove more beneficial than the use of paper-pencil tests.

Illinois has adopted a Three-Level Vocational Assessment Model. An outline of this model, and a description of the differences among the three levels are provided in the "Levels of Assessment" section of this manual.

Question: Why is vocational assessment important for the special needs student?

Answer:

It has long been recognized that handicapped, academically disadvantaged, and limited-English-proficient students often need support services, extra tutoring, and/or special accommodations in order to function successfully in traditional educational programs. These same students, however, are often placed in vocational programs with little regard for how their special learning needs might impact upon their ability to function successfully. Placement decisions have sometimes been made with little regard for the student's interests and abilities, as well as with minimal awareness of the demands and expectations of the vocational area selected. The vocational assessment process can help to facilitate more appropriate placement of special needs students into vocational programs by identifying a student's interests, abilities, learning style, and need for special support services and accommodations. When done properly, assessment should provide a comprehensive profile of a student's strengths and limitations, with very specific functional



recommendations as to how to remediate deficit areas, as well as how to make maximum use of information related to the person's interests and abilities.

It should be noted, however, that in order to effectively utilize the assessment information obtained on a student it is of equal importance that special needs personnel become more aware of the requirements of For example, if a learning disvocational programs. abled student is interested in industrial occupations, but has difficulty following diagrams and is unable to comprehend written directions, this information can only be used effectively if the special needs personnel know which vocational programs would allow a student to perform some mechanical assembly operations without having to read blueprints or follow technical Often, the appropriateness of curriculum modifications and/or the use of accommodations is dependent on knowledge of the requirements not only of the vocational program, but also of the ultimate employment opportunities. A classic illustration of this would be the field of auto mechanics. Certainly, there are some jobs in the automotive area that a student with low level reading skills could perform. potential to become a certified master mechanic would likely be severely restricted if the employee were unable to comprehend the information contained in repair manuals which are updated on a regular basis to reflect new innovations in technology.

In conclusion, it is believed that vocational assessment, if done properly, will not only facilitate more appropriate placement of special needs students into vocational education programs, but will also help to maximize their potential to be successful within those programs. This is accomplished by providing teachers with a clearer picture of the student's needs, as well as providing recommendations for possible instructional strategies that might prove beneficial. Finally, and perhaps most importantly, vocational assessment can help students develop a better understanding of their interests and a more realistic awareness of their own strengths and limitations. This information can pro-

vide the basis for designing and implementing Individualized Career Plans (ICP) and making informed decisions, not only in terms of an immediate vocational placement, but also during future career planning.

Question:

What is the relationship of the vocational assessment process to the Regional Vocational System activities?

Answer:

Vocational assessment should be an integral part of the delivery of special needs support services in the region. The information obtained from the vocational assessment should guide the expenditure of Carl Perkins monies allocated for such services, and the adaptation of present, or the addition of new, vocational special needs programs.

Question:

Who is responsible for doing the vocational assessment?

Answer:

The comprehensive three-level model of vocational assessment adopted by Illinois takes a multidisciplinary approach to gathering information. Level 1 assessment activities, which include reviewing existing information, interviews with students/teachers/parents, and the assessment of interests and abilities, can generally be performed and interpreted by special needs coordinators, special education personnel, vocational education personnel, bilingual educators, or guidance counselors.

The administration of career maturity ratings, job readiness surveys, adaptive behavior scales, and learning style inventories, all of which are activities associated with Level 2 assessment, may best be completed and interpreted by educational diagnosticians, guidance counselors, special needs coordinators, special education teachers, or school psychologists. The use of commercial work samples and/or work evaluation systems, although listed among Level 2 assessment activities, generally requires the services of vocational assessment specialists or, at a minimum,



persons who have had training with the instrument being utilized.

Level 3 assessment, which is reserved for those students for whom an appropriate vocational placement cannot be made on the basis of the information obtained during Level 1 and Level 2 assessment activities, is generally conducted by trained vocational assessment specialists. Level 3 activities include the use of simulated job stations, situational assessment, and production and/or contract work experiences. The assessment of functional living skills is also an activity associated with Level 3 assessment.

Question:

What is the role of the Regional Vocational System Director in the vocational assessment process?

Answer:

At the direction of the Board of Control, the Regional Vocational System Director is accountable for the expenditure of the Carl Perkins monies. Subsequently, this individual should supervise the special needs coordinator, and is responsible for the activities of the Student Services Committee.

Question:

What is the role of the special needs coordinator in the vocational assessment process?

Answer:

The special neds coordinator works with all necessary personnel to coordinate the vocational assessment process. As previously mentioned, the special needs coordinator may be directly involved in Level 1 and Level 2 assessment activities, but usually will serve as the coordinator of these activities. Additionally, this individual coordinates the provision of support services to special needs students within the regional vocational system. It is important that these support services be provided as a direct result of the needs identified through the vocational assessment process.

Question:

What is the role of the guidance counselor in the vocational assessment process and in the interpretation of assessment results?

Answer:

The role of the guidance counselor should be to work directly with the special needs coordinator, special education teachers, bilingual educators, and/or vocational education teachers to help in the coordination of vocational assessment activities. Guidance counselors may or may not be involved in the compiling of assessment information; however, although others may have conducted the interviews and/or administered the tests, it is frequently the guidance counselor who is called upon to interpret the assessment information to students, parents, and other school personnel. important that the counselor be able to draw upon three areas of knowledge in order to pull together all of the information compiled during the assessment process and present it in a meaningful context in terms of short-range and long-range vocational objectives. (See Sample Form E for sample vocational assessment report forms).

1. Knowledge of the student

The counselor should become thoroughly familiar with all of the information compiled on the student during the vocational assessment process. When working with limited-English-proficient students, it becomes especially important that the counselor develops a basic understanding of the student's cultural and linguistic background. This familiarization should occur prior to making any attempt at interpreting the vocational significance of the assessment information.

2. Knowledge of test instruments

It is of critical importance that the guidance counselor become familiar with all vocational assessment instruments being utilized in the district and/or required vocational system. Although most counselors have had some coursework in

testing and measurement, many of the instruments used for vocational assessment may be new and unfamiliar to them. If this is the case, it is strongly recommended that those instruments be reviewed for information regarding competencies measured; target population; and their validity, reliability, and usefulness with special populations prior to any attempt at administration or interpretation. Also, since all tests have their strengths and limitations, and since not all tests are appropriate for use with special populations, it is suggested that counselors become more familiar with the guidelines for instrument selection and modification outlined in the "Matrices of Assessment Instruments" section of this manual.

3. Knowledge of the requirements of vocational programs

If the information compiled on the student during the vocational assessment process is to be used to facilitate a more appropriate vocational placement and to ensure the provision of necessary support services, it is essential that the counselor know something about the requirements of vocational programs into which the student may be placed. For the information to be useful, particularly in terms of offering recommendations for remediation, it is important to be able to describe, in functional terms, the competencies necessary for entry into a given program. For example, if a student with low level reading skills wants to enter a food service training program, it is important for the counselor to know the types of work activities within the food service area that might require reading skills, and a description of the exact competencies necessary. For instance, if the only tasks involving reading are those where a student would have to follow the step-by-step written directions of a recipe, it is quite possible that even individuals who have scored low on reading comprehension tests would encounter little difficulty meeting the reading requirements of the program.

Question: What is the role of the vocational education teacher in the vocational assessment process?

Answer: The vocational education teacher may be involved in the identification and referral of special needs students. For example, this individual may refer a limited-English-proficient student for support services from a bilingual vocational program. (See Sample Form F for sample bilingual vocational program student referral form.) Additionally, this teacher may conduct informal assessments through teacher observation and through the development and utilization of teacher-made assessment materials such as work samples. (See Appendix A for "Format for Developing a Work Sample.")

It is important to keep in mind that it is the vocational education teacher who will be involved with the student on a daily basis and is ultimately responsible for providing the training. Therefore, it is of critical importance that this person be provided with information regarding the student's strengths, limitations, and learning style. Also, the vocational education teacher should be provided with recommendations that might help to maximize the student's potential for success in the classroom.

Question: What is the role of the special education or bilingual teacher in the vocational assessment process?

Answer: The special education or bilingual teacher may conduct informal assessment through teacher observation, should be involved in the review of cumulative files, and may be involved in the student and/or parent interview process. Utilizing information gleaned from vocational assessment activities, these individuals are also instrumental in helping to determine appropriate intervention strategies.

Question: What is the role of the parent in the vocational assessment process?

Answer: Parents are key individuals in the assessment process. They can provide information related to their children's behavior patterns outside of school; negotiate the provision of services from appropriate community agencies; help to determine the appropriateness of involvement of agency representatives in future educational planning for their children; and provide relevant background information such as pertinent medical history.

Question: What is the role of the building administrator in the vocational assessment process?

Answer: The building administrator should help facilitate student assessment activities. This individual can also provide valuable information relative to current program offerings.

Question: What type of vocational assessment activities can be paid for by the Carl Perkins monies?

Answer: Carl Perkins monies may be used only for vocational assessment activities that are above and beyond those offered to all students. For example, if a career interest test is being administered to all ninth graders, Carl Perkins monies cannot be expended to cover the cost associated with this testing. If, however, an additional career interest inventory is given to a smaller number of special needs vocational education students to gain further information, Carl Perkins monies can be expended to cover the costs of this additional testing. Carl Perkins monies may also be expended for special tests, such as vocationally-related English as a Second Language (ESL) instruments.

Question: When should vocational assessment begin?

Answer:

Vocational assessment should begin as early as the 8th grade year to insure that adequate information has been collected for appropriate placement into 9th grade vocational orientation classes. It is important that the vocational assessment process include specific assessment activities that are initiated at strategic decision-making times, such as during the 8th grade and at the beginning of the 10th grade. Special accommodations should also be made to obtain up-to-date vocational assessment information on students who, for a variety of reasons, enter a school program at irregular times throughout the year.

Ouestion:

How often should vocational assessment information be updated?

Answer:

Vocational assessment is an ongoing process. To ensure that proper decisions are being made regarding vocational program placement, vocational assessment information must be current. Subsequently, assessment information should be updated when strategic decisions are being made such as entrance into or exit from a vocational training program.

Ouestion:

What are the benefits of implementing a quality vocational assessment process within a Regional Vocational System?

Answer:

Several benefits are derived from the establishment of a quality vocational assessment process (Sarkees and Scott, 1985). These benefits include, but are not limited to, the following:

- * Vocational assessment activities help learners to start thinking about the world of work.
- * Actual simulations of real jobs can be set up in the classroom or laboratory and tried out without any pressure.



- * Vocational assessment activities can be an appropriate substitution for, or an addition to, the more traditional classroom activities.
- * Vocational assessment activities can motivate students to learn more about related academic material (e.g., reading, math, communication skills).
- * Vocational assessment results provide a means of comparing learner abilities with actual job competencies.
- * Vocational assessment activities can be used as a tool for setting up behavior modification techniques relating to work habits and interpersonal relationships.
- * Vocational assessment activities provide learners with a reason to learn materials because they represent the "real world."
- * Vocational assessment results can identify specific vocational strengths and weaknesses.
- * Vocational assessment experiences can build selfconfidence.
- * Vocational assessment can provide information suggesting modifications to curriculum, facilities, equipment, instructional delivery, and student evaluation procedures.

Question: What are special needs and how can they be assessed?

Answer: In addition to interest and abilities, the Carl D. Perkins Vocational Education Act mandates the assessment of "... special needs with respect to successfully completing the vocational education program" (Federal Register, Friday, August 15, 1985). Taken in this context, special needs can best be described as additional factors that might impact upon an individual's ability to meet the demands of a vocational program. By

taking these factors into consideration during the assessment process, it is often possible to offer recommendations as to the types of instructional/curriculum modifications, physical adaptations, teaching strategies, tutoring, and/or counseling and support services that might help to maximize a student's potential for success in a vocational education program.

Special needs are often a direct result of the student's handicapping condition, such as the need for large print or brailled material for the visually impaired; the need for modification of instructions for the deaf and/or limited-English-proficient student; need for adaptive devices, such as pointers mouthsticks, when working with severely physically handicapped individuals. Special needs can also include behavioral interferences such as distractability, short attention span, low frustration tolerance, and difficulties in relating to peers and/or supervision. addition, language and cultural differences can often present special needs. Since these conditions can have a negative impact upon successful functioning within a vocational program if not responded to appropriately, it is important to consider these factors during the assessment process. The assessment of special needs often involves the use of informal messages such as behavioral observations, interviews, and a review of existing information. Learning style inventories, behavioral checklists and rating forms, career maturity scales, and other types of affective assessment instruments might also be utilized to identify special needs.

Question:

What special areas of assessment should be considered when serving the limited-English-proficient student?

Answer:

Once the broad determination is made that a student is limited-English-proficient, further language assessment is necessary to insure appropriate assessment, placement, and support services. Although the language demands vary across occupations, it is advisable to assess all four language skill areas: listening, speaking, reading, and writing. Both teacher-made



and commercially-produced English as a Second Language (ESL) tests specifically designed for this population are available. The "Basic Skills: Language (ESL) Matrix," located in the "Matrices of Assessment Instruments" section, identifies ESL instruments that have been normed on the LEP population. The person conducting the ESL assessment should be a native English speaker with training in language assessment.

Since some support services as well as instructional and testing materials may be provided in the student's native language, it is also important to determine how proficient or literate a student is in the student's home language. Unfortunately, formal instruments are not available for all languages. If a formal test is unavailable or impractical, given the purpose for which the information is sought, informal strategies such as structured interviews, writing samples, Cloze exercises, and short reading comprehension tests can yield basic information.

As a starting point, answers to the following questions will yield some clues as to native language proficiency:

- * How many years of formalized schooling has the student completed in the native language?
- * What is the level of educational attainment of the student's parents?
- * Does the student read materials written in the student's native language? What type?
- * Does the student have any training or work experience in the native language?

It will be necessary to recruit the assistance of an adult or older student who is proficient in the target language and can communicate in English. It is not recommended that the student's relatives conduct the assessment because their evaluations are often too subjective.



Cultural adjustment is another area of assessment critical for the LEP population. This information is crucial in determining appropriate counseling and teaching techniques as well as cultural awareness training needed by the student. Observation as well as parent, teacher, and student interviews will help assess the student's familiarity with the American culture. Areas to consider are non-verbal communication, behaviors, participation in and knowledge of school, the community, and the labor market. A comparison of the student's culture and the dominant American culture will yield valuable insights into potential areas of conflict.



LEVEL

THE ILLINOIS MODEL:
THE THREE
LEVELS OF
VOCATIONAL
ASSESSMENT

Cumulative Data Review

Career Interest: Testing

Aptitude Testing
Ability Testing
Student Interview
Parent Interview
Informat Teacher Assessments
Student Observation

LEVEL II

Cumulative Data Review Aptitude Testing

Career Interest Testing Ability Testing

Student Interview Parent Interview

Teacher Interview Informal Teacher Assessments

Student Observation

Career Meturity Ratings Job Readiness
Work Samples Work-Related Behaviors
Learning Style Inventories

LEVEL III

Cumulative Data Review Career Interest Testing Aptitude Testing

Ability Testing Student Interview Parent Interview Teacher Interview

Informal Teacher Assessments Student Observation

Career Maturity Ratings Job Readiness Work Samples

Work Related Behaviors Learning Style Inventories

Innufated Job Station Functional Living Skills Production

Situational Assessment

Contracted Work



THE THREE-LEVEL ASSESSMENT PROCESS

Level 1 Assessment:

The primary objectives for Level 1 vocational assessment activities include reviewing and compiling all pre-existing student information into a format that can be used for vocational planning; obtaining information regarding interests and abilities; and learning as much as possible about the student from the parents' and teachers' perspectives, as well as from the perspective of the student.

The purpose of gathering this type of information is to answer questions which will facilitate future vocational planning and career guidance activities, as well as questions related to the types of support services and curriculum modifications that might help to maximize the student's potential for success within a given course of study. For most special needs students, the type of information that can be compiled through Level 1 assessment activities will be sufficient to make an appropriate vocational placement and to provide prescriptive recommendations regarding the need for remediation, support services, and/or follow-up.

It should be noted that although the assessment of interests and basic skills (e.g., standardized tests of reading, writing, and math achievement) may be enough to fulfill the minimum requirements of the Carl D. Perkins assessment mandate, the appropriate placement of special needs students into vocational programs and the provision of support services needed for success is often dependent upon a more thorough assessment of motor and perceptual skills, work-related behaviors, motivation, and attitude. It is, therefore, imperative that if the assessment process is to provide meaningful information and not just meet the "letter of the law," every effort should be made to obtain as much information and answer as many questions as possible through the use of Level 1 assessment activities. significant amount of information may already exist in the student's cumulative file, and the remainder of the activities can be completed by existing school personnel, the ability to incorporate Level 1 assessment into educational/vocational programming is much less complicated than it may initially appear. In view of the potential benefits to both students and instructional staff of knowing an individual's strengths, werknesses, and learning style, it should prove well worth the effort to compile this information.



Level 2 Assessment:

Among the primary objectives for Level 2 assessment is to obtain more information about learning styles, values, career maturity, and job readiness than that provided during Level 1 activities. This can be accomplished through the use of formal and/or informal instruments specifically designed for these purposes. Level 2 assessment activities can also include the use of work samples and/or work evaluation systems; these allow for a more in-depth, hands-on, performance-based assessment of interests and abilities. This can prove particularly beneficial for those individuals who have difficulty identifying their interests and/or demonstrating their strengths on the less time-consuming paper-pencil tests and general ability/aptitude screening instruments most frequently used for Level 1 assessment.

In general, although it is important to assess an individual's learning style, values, maturity, and overall job readiness in order to facilitate appropriate career planning and placement activities, for most students this information can likely be obtained through the cumulative data review and the parent/teacher/student interviews that are done as part of a Level 1 assessment. Therefore, the use of special instruments may only be necessary for students who are new to the district and about whom little is known, or for those students where conflicting information exists and further clarification is desired.

Work samples and work evaluation systems may be used somewhat more frequently, particularly with those special needs students who have significant academic deficits or moderate to severe physical and/or mental handicaps. In order to more accurately assess abilities, rather than disabilities, such populations often need the additional time and hands-on testing mode that these types of instruments provide.

Educational diagnosticians, counselors, special needs coordinators, special education teachers, and school psychologists may assume responsibility for the assessment of learning style, values/temperament/personality factors, career maturity, and job readiness. It is strongly recommended, however, that a vocational assessment specialist, or at least a person trained in the use of the particular instrument(s) in question, have the responsibility of administering work samples and/or work evaluation systems.

Level 3 Assessment:

This level of assessment is generally only necessary when a student's mental abilities, physical abilities, and/or social-emotional development are so limited that potential for acquiring even the most basic survival and/or prevocational competencies is in question. The primary purpose of Level 3 assessment is often the need to determine an appropriate program placement from among such alternatives as day training, work activity, sheltered employment, and/or supported employment.

It should be noted, however, that situational assessment, which is a Level 3 assessment activity, is an approach that often proves useful with higher functioning students who would not typically be involved in Level 3 assessment. This is particularly true for those students who have experienced so much difficulty with past school and/or testing experiences that actual placement in a job or training program could prove a less threatening and, therefore, a more accurate means of assessing potential.

Other Level 3 activities include the assessment of functional living skills, as well as the use of job simulations, contract work, and production-oriented tasks to determine basic prevocational/vocational competencies and measure overall work speed/productivity. The assessment of functional skills can often be done by special education staff or special needs support personnel. However, the other activities, particularly the use of simulated, contract, and/or production work, are often difficult to provide within the traditional educational setting. For this reason, Level 3 assessment is sometimes conducted outside the school environment and is usually performed by trained assessment specialists.



DEFINITION OF TERMS FOR THE ILLINOIS MODEL: THE THREE-LEVEL VOCATIONAL ASSESSMENT PROCESS

Level 1 Assessment:

1. Cumulative Data Review

The review of cumulative data involves the gathering of all existing information available on a student that may prove pertinent to the selection of an appropriate vocational placement. Examples of such information would include, but are not limited to, attendance records, transcript of courses, teacher observations, and, in the case of special education students, reports from recent psychological and/or medical evaluations and recent Individualized Education Plans (IEP) and Multidisciplinary Staffing (MDS) reports.

2. Career Interest Testing

Career interest testing refers to the use of formal and/or informal activities designed to assess occupational preferences. While there are interest tests that are normed and have indexes of reliability and validity, interests are often assessed through the use of self-report inventories and checklists. Regardless of the type used, there are no right or wrong answers on interest tests. Their purpose is to obtain information about the types of things a person does and does not like to do.

3. Aptitude Testing

The term "aptitude testing" refers to the assessment of an individual's capacity to acquire proficiency in an activity within a given amount of formal or informal training. Most aptitude tests focus on measuring general and/or multiple aptitudes; however, there are tests designed to



measure specific aptitudes in areas such as mechanical comprehension and clerical perception.

4. Ability Testing

Abilities refer to the natural talent and/or acquired proficiency to perform a task. Within the context of the Illinois Assessment Model, the testing of abilities includes the use of instruments measuring achievement in reading, language, math, and other basic skills, such as the ability to tell time and handle money. Special tests measuring abilities in areas such as motor coordination, manual/finger dexterity, and tool usage also fall within this category.

5. Student Interview

The student interview refers to a question-and-answer session between the student and the individual compiling the assessment data. Some recommended areas to assess during this interview include the student's interests and leisure time activities; the types of work or chores performed at home; and information about any part-time or summer jobs the student may have held. It may also be beneficial to ask questions to determine the student's level of occupational knowledge and possible aspirations for the future. Finding out about the classes the student has enjoyed most in the past, and the teachers that were most and least liked, are other pieces of information that could facilitate future vocational planning. (See Sample Form B for student interview forms.)

6. Parent Interview

Interviewing parents involves obtaining information from their perspective regarding the strengths, limitations, and educational needs of their child. Some areas to focus on during this question-and-answer session would include the parents' aspirations for their child, both in high school and upon graduation, as well as what they consider to be their child's greatest strengths and limitations. The parents' perceptions of vocational training in general and the types of vocational areas they feel might prove most beneficial to their child might also be helpful, since this can often provide insight into the student's attitudes and motivations. (See Sample Form C for sample parent interview forms.)

7. Teacher Interview

This is a question-and-answer session conducted with the student's teacher in order to gather information relative to the student's functioning in the classroom. An area to be addressed during this interview would include the student's functioning in the cognitive domain, such as general learning ability, ability to follow directions, how well the student profits from experience and repetition, and problem-solving ability. Also useful would be information regarding the student's functioning within the affective domain, such as the student's coping skills, interpersonal relationship skills with peers and authority, self confidence, and the student's general attitude to-Work-related behaviors, such as motivawards school. tion and initiative, organizational skills, attention span, concentration, appropriate conduct in the classroom, and persistence/frustration tolerance should also be In addition, information dressed during this interview. regarding the student's learning style would be helpful. For example, is the student a visual learner who does best with demonstrations and models; or an auditory learner who can benefit from classroom lectures? the student learn best one-on-one or within a group? Are hands-on learning experiences more beneficial than paper-pencil tasks? These are the types of questions that can likely be best answered by a teacher who has worked with the student in a classroom environment. ple Form D for sample teacher interview forms.)

8. Informal Teacher Assessments

Not all assessment information is gathered through the use of formal standardized testing. Often, teachers have developed informal assessment instruments that they use within their classrooms to monitor a student's progress in meeting educational objectives. Among these informal instruments would be teacher-made tests and quizzes. The use of this information, as well as a review of any written observations that the teacher may have made regarding the student's performance in the classroom, could prove quite beneficial to future vocational program planning.

9. Student Observation

In addition to reviewing existing information, administering tests, and interviewing the student, parents, and teachers, it is important to get a first-hand look at the student's performance by observation in a classroom situation. Of particular benefit would be any opportunity to observe the student in a vocationally-oriented class, such as home economics or shop. Often, the behavioral observations you make when the student is in an academic classroom may not actually be representative of behaviors that student exhibits when in a classroom where the emphasis is more on hands-on learning activities. important to keep in mind that the entire purpose of the vocational assessment process is to gather information that may impact upon a student's ability to function successfully within a vocational program.

Level 2 Assessment:

1. Career Maturity Ratings

Career maturity ratings refer to instruments used to measure a student's attitudes, values, temperaments, and other personality factors that impact on the potential for mature career decision-making. The extent to which students have mastered fundamental career development



principles and knowledge of occupational information are also areas assessed through the use of career maturity, career development, and career awareness/exploration instruments and activities.

2. Job Readiness

The assessment of job readiness usually relates to looking at a student's job-seeking skills, such as the ability to fill out a job application, write a resume, and respond appropriately in a job interview. Factors also considered in assessing job readiness include such job-keeping skills as attendance, punctuality, ability to relate to supervision, transportation needs, and banking and budgeting skills.

3. Work Samples

Work samples are samples of work, either real or simulated, that allow a student the opportunity to demonstrate acquired abilities through hands-on experiences rather than the use of paper-pencil tests. Work samples not only afford the student an opportunity to participate in actual work-related activities, they also provide the evaluator with an opportunity to observe such important worker characteristics as ability to follow directions, organizational skills, learning style, concentration and attention to detail, and frustration tolerance.

4. Work-Related Behaviors

Although information about a student's behavior can often be best obtained through observation, there are a variety of behavioral rating forms, adaptive behavior scales, behavior checklists, and inventories that can be used to facilitate a more systematic and objective approach to the observation and recording of behavior. In the vocational assessment process, it is not only important to identify those behaviors which could prove problematic, but also those which could facilitate more successful functioning within future training and/or employment situations.



Level 3 Assessment:

1. Simulated Job Station

This term refers to the use of simulated work activities that relate to a specific job. Such simulations often prove useful with those students who have difficulty relating to the abstract nature of more conventional assessment methods, but whose current skill level would preclude the use of commercial career exploration activities and/or the use of situational assessment.

2. Functional Living Skills

Functional living skills assessment involves examining those basic survival competencies necessary to function effectively in any independent living and/or community work environment. Included would be competencies in such areas as proper grooming and hygiene, basic health and safety, the ability to read basic street and survival signs, knowledge of and/or ability to use public transportation, money identification, and money handling skills.

3. Production Work

In Level 3 of the vocational assessment continuum, the use of production work activities, such as packaging, sorting, collating, and simple assembly, is often more useful in the assessment of manipulative and perceptual skills than the use of standardized test instruments. Lower functioning students in particular often seem to be able to demonstrate their counting, discrimination, and/or motor skills much more readily when presented with hands-on work activities.

4. Contract Work

This term is typically used in reference to the production types of work tasks that sheltered workshops and/or work activity centers often contract to perform for business and industry. Persons are generally paid for performing contract work, although there are times when it is used for the purpose of assessment only. It should be noted that when contract work is used as a Level 3 assessment activity, it may relate not only to production work, but also to service, clerical, or other types of activities which might be used as part of an on-the-job assessment or supported employment experience.

5. Situational Assessment

Situational assessment refers to placement in an actual training and/or work setting for the express purpose of assessing an individual's interests and abilities. In order to be an effective method of gathering assessment information, situational assessment must go beyond mere career exploration activities to include structured criterion-based objectives upon which to evaluate a student's performance. (See Appendix B for a sample "Situational Assessment Checklist.")



METHODS OF COLLECTING ASSESSMENT INFORMATION

Although "testing" is the first thing that comes to mind when one thinks of assessment, it is important to remember that the use of standardized test instruments is only one means by which assessment questions can be answered. Since every instrument and/or method of collecting assessment information has its advantages and disadvantages, a multidimensional approach to information gathering usually provides the most realistic and objective profile of an individual's interests, abilities, and special learning needs.

Three methods for collecting information in the vocational assessment process include Curriculum-Based Assessment, Informal Assessment, and Formal Assessment. Each of these methods is briefly addressed in the following narrative. The primary focus of this manual, however, is to address the appropriateness of utilizing selected standardized test instruments with specific special needs populations. Subsequently, while a variety of methods for obtaining assessment information are discussed, the matrices include a review of only standardized instruments.

Curriculum-Based Assessment

Curriculum-based assessment, an approach that directly relates assessment information to instructional objectives, is designed to utilize some of the strengths and avoid some of the weaknesses of formal and informal assessment techniques.

Much of the criticism regarding formal, standardized testing is that it does not measure short-term gains, is not designed for frequent administration, does not relate to local curriculum, and is not useful for making instructional recommendations. This is particularly true of norm-referenced tests where the primary objective is to compare the performance of the individual to that of a norm group in order to determine the relative level of functioning.

Informal assessment, especially the use of self-report instruments, rating scales, and/or behavioral observations, is often viewed as subjective and of questionable validity/reliability.



Curriculum-based assessment involves the standardized observation and measurement of a student's abilities on tasks that directly relate to the content and performance objectives of specific course curricula. An individual's progress within a given class/training program can be assessed and monitored on a regular basis, with both student and teacher receiving continuous feedback on what has and has not been mastered. Criterion-referenced standards can be used to identify specific strengths and weaknesses in skill development. Local normative data can be collected if a comparison of performance levels among individual students within a given class/training program s desired. The greatest advantage to curriculum-based assessment is that achievement is measured often and is based on specific course curriculum.

Ini ial Assessment

Informal assessment involves less standardized methods of information collection. Reviewing cumulative records, interviewing, administration of teacher-made tests, and use of behavior rating scales, are all examples of informal assessment techniques. Classroom teachers, counselors, and other educational personnel are often involved in compiling this type of information. Instruments used in this type of assessment often involve self-report or subjective ratings, such as in the case of interest inventories and behavior checklists. Diagnostic reading, spelling, vocabulary, language, and math tests also qualify as informal assessment instruments, since they usually do not have rigid administration procedures, do not involve comparison to a norm group, are administered untimed, and are primarily designed to identify specific strengths and weaknesses in skill development.

Standardized tests that have been modified to accommodate physical and/or cognitive limitations, including altering the mode of instruction or allowing additional practice time, are also examples of informal assessment. Such modifications are often very necessary and appropriate in the assessment of special populations, since standard administration procedures often present problems for handicapped, disadvantaged, and/or limited-English-proficient students. Modifying tests to accommodate special learning needs often results in information that is more valid and useful for program planning.

The primary advantages of informal assessment methods are their ability to relate directly to instructional programs (e.g., teacher-made tests), the capacity to accommodate individual learning styles and needs, the ability to obtain information from a variety of sources and perspectives, and the ability to customize the assessment to answer questions specific to individual students. Their purpose is more directly related to the identification of strengths and weaknesses, and the use of this information in the development of future instructional and career guidance objectives.

Disadvantages to informal assessment relate primarily to its usefulness in making educational placement decisions. For example, in order to determine eligibility for special education and special needs programs, standardized testing procedures and a comparison to a norm population of same age/grade level students are often the criteria used. The results obtained from formal assessment instruments are considered to be more precise and quantitative for this purpose.

Formal Assessment

This type of assessment generally involves the use of standardized instruments such as achievement tests, intelligence tests, aptitude tests, personality tests, dexterity tests, interest inventories, and/or certain types of work sample and work evaluation systems. The criteria often associated with formal assessment instruments include the following:

- 1. Standardized directions for administration and scoring
- 2. Validity and reliability studies
- 3. Norm populations against which to compare an individual's performance on norm-referenced instruments
- 4. Clearly identified and agreed upon standards against which to compare an individual's performance on criterion-referenced instruments
- 5. A theoretical/research base of knowledge (Career Assessment Instrument Resource Guide, n.d.)



There are advantages to formal assessment methods, particularly the use of standardized, norm-referenced tests, that make them widely utilized in the educational setting. Among the advantages of these types of instruments is the fact that they can often be given in group settings and scored by machine, which makes them relatively quick, easy, and inexpensive to administer. They also allow for a comparison of performance between students of similar age and/or grade placement, which is often the type of information needed to determine programming needs and/or eligibility for special services. Criterion-referenced test instruments compare a student's performance to a set of established criteria. Since they identify both competencies and deficits in the areas assessed, they have the advantage of providing information in a form useful for making prescriptive recommendations.

One of the primary areas of concern regarding the use of formal assessment methods, especially with handicapped, disadvantaged, and limited-English-proficient students, is the fact that standardized administration procedures often make it difficult, if not impossible, to accommodate individual needs within the testing situation. This is of particular concern on norm-referenced tests, since any deviation from standard administration makes comparison to the performance of a norm population questionable at best. Group testing procedures, which are frequently used in the administration of formal assessment instruments, can also present problems for special needs stu-Because of difficulties with comprehension of instructions, dents. distractability, and lack of attention to detail, the scores on such tests are often rendered invalid. Rather than providing a measure of the student's abilities, they may only reflect problems related to the mode of testing.



GENERAL GUIDELINES FOR INSTRUMENT SELECTION

When selecting instruments for use in the collection of assessment information, it is important to know as much as possible about both the needs of the students and the strengths/weaknesses of the test(s) under consideration. There is little point to using instruments that will only duplicate existing information, or instruments which cannot provide relevant answers to the assessment questions identified. For example, why give a standardized achievement test that only reports a percentile score for reading, if what is really needed is a breakdown of specific competencies and deficits in order to provide recommendations for remediation and/or academic support services?

To assist in the determination of which instruments to use, when to use them, and their appropriateness for use with special populations, the following guidelines are offered:

- 1. Review existing information to determine what is already known about a student and what questions still need to be answered. Of particular importance in selecting appropriate assessment instruments would be information regarding age, grade level, disability, current academic achievement level (unless that is what the test is to measure), native language proficiency of LEP students, and any previously identified strengths/limitations that may impact on test-taking ability.
- 2. Identify specific questions to be answered and/or information to be obtained during the assessment process. In this way, when considering the use of a particular instrument, you can review its intended purpose, target population, mode of instruction, content difficulty, and method of reporting scores to determine if it has the capability to provide the necessary answers/information.
- 3. Repeat assessment that will duplicate existing information only if further confirmation and/or documentation is needed. Also, whenever possible, try to use a different instrument designed to measure the same factors. In doing this, even if the results are the same, the fact that the information came from more than one source will provide further substantiation.



- 4. Make sure instruments selected are within your level of competence to administer and interpret. If not, either investigate the feasibility of obtaining training and pursue such training, or use a different instrument. People not properly trained may invalidate results through improper administration techniques, or may not be familiar with modification techniques that could be used to accommodate special learning needs. Failure to accurately interpret test results is also a common problem associated with inadequate training.
- 5. If a norm-referenced test is being considered, it is important to review the norming populations represented to determine which, if any, would be appropriate to use. Factors to take into consideration include the ages, grade levels, gender, ethnic background, geographic area, socioeconomic class, and/or handicapping conditions represented by members of the norm group.

Norm populations are appropriate when the background of the student is similar to that of persons in the norm sample and/or when the norm group is representative of the types of people against whom the student would be competing in future training or employment situations.

The size of the norm sample is also important. For example, group tests of intelligence and/or achievement should have thousands of people in the norming population, with hundreds at each age level. Instruments designed for individual administration may be considered to have adequate norms with only 100-200 people in each age group. (Career Assessment Instrument Resource Guide, n.d.)

6. If standardized instruments are used to formally assess competencies in a given area, it is important to know the purpose for which the test was intended and to use it only for that purpose. This means that if used as a formal assessment instrument, the test should not be changed or instructions modified in any way. If using the instrument for reasons other than its intended purpose, or if it is necessary to alter the administration procedures



in any way, the results can only be considered an informal assessment.

7. Try to select instruments that assess a student's abilities, rather than their disabilities. For example, if it is known that a student has perceptual-motor deficits, it might be best to either avoid or modify tests that require responses to be recorded on computerized score sheets. If the student has problems with visual tracking and/or eye-hand coordination, its quite possible that they might know the correct answer, but record it in the wrong column on the score sheet.

The importance of testing abilities and not disabilities is also reflected by the PL 94-142 mandate for testing persons in their dominant language, whether that is Spanish, American sign language, or any other language (U.S. Government, August 23, 1979).

8. When there is more than one instrument capable of providing the information needed and several appear to have comparable validity/reliability, its usually best to choose the one that appears easiest to administer and requires the least amount of time to complete.

Additional Guidelines for Testing Special Populations

The following guidelines are by no means intended to be all inclusive. They only provide illustrations of some of the accommodations/modifications that might be necessary when testing special populations.

1. When testing competencies in any area other than reading, determine the level of reading comprehension necessary to understand the test questions and/or to follow the written directions. If it is determined that the comprehension level is above that possessed by the student, either put the questions/directions on cassette tape or have them read aloud. If it is believed that the language level of the questions/directions is also too advanced for the student to comprehend, consider administering the instrument as an informal assessment tool and explain



the questions/directions in simpler, more concrete language.

For the limited-English-proficient student, consider adjusting the time constraints to adapt for the language barrier, or consider translating the test instructions. A caution must be given, however, because further translation or modification may invalidate the test results. To thoroughly address the needs of the LEP student, a bilingual/bicultural individual should assist with the test selection, modification, administration, and interpretation.

- 2. When testing for aptitudes, abilities, and interests of LEP students, one should identify instruments or techniques that 1) are in the student's native language; 2) are adapted to second language learners; or 3) are multisensory and do not rely on extensive aural or reading skills in English. This should be done to avoid the pitfall of testing the LEP student's vocabulary, English, and reading ability instead of the areas being assessed. Several assessment tools have been translated into Spanish; however, few are available for other language groups. Any testing instrument should also be evaluated for cultural bias. (See Appendix C for a sample "Cultural Appropriateness Rating Criteria.")
- 3. When testing students who have developed a negative attitude toward school due to academic deficits or previous failure experiences, consider the use of hands-on performance-based assessment activities that are work rather than school-related.
- 4. When testing students known to have difficulty concentrating and attending to a task for long periods of time, it may be advisable to administer very lengthy tests over several sessions, rather than all at once. It may also prove beneficial to administer tests individually or in small group settings.
- 5. When students have physical disabilities that limit the use of upper extremities (arms, hands, fingers), it may be necessary to provide assistance in recording answers on score sheets for paper-pencil tests. Also the use of adap-



tive devices and/or modifications in administration procedures will likely be necessary on performance-based tests. Standard administration of these types of instruments often only reveals problems that result from the disability, rather than providing an assessment of potential ability.

6. When testing hearing impaired individuals, determine the extent of hearing loss in functional terms so that accommodation can be made in the method of instruction. For example, stand on the person's right side if that individual hears best with that ear; and look directly at the person when speaking if that individual can read lips.

For deaf students, provide instructions and/or translate questions into sign language if the individual uses this method of communication. If the student is not proficient in sign language and/or has low level reading skills, use demonstrations and visual models whenever possible.

7. When using paper-pencil tests with visually impaired students, consideration should be given to transferring written information into a large-print format whenever feasible. This is not always possible with tests using, or specifically measuring perceptual/discrimination skills.

For totally blind individuals who can read braille, certain paper-pencil tests might potentially be translated into braille. This is not always a realistic or appropriate modification, however. Such a decision would have to be made by a person familiar with both the functioning level of the student and the content of the test.

The use of performance-based instruments with visually impaired/blind individuals will usually require additional time for orientation and practice, as well as the possible modification of how certain tasks are performed.

For additional information regarding the use of test modifications, the following is a resource that might prove helpful: <u>Testing and Test Modification in Vocational Evaluation</u>, by Karl F. Botterbusch and Nancy Michael, 1985.

INTRODUCTION TO THE ASSESSMENT INSTRUMENT MATRICES

Included in this section of the manual are matrices that identify various types of instruments that might be used in the vocational assessment process. Also provided is pertinent information regarding age/grade appropriateness, length of time required, method of reporting scores, potential for group administration, and usefulness with special needs populations.

Included in Appendix D are the names and publishers of all the instruments cited in the matrices. The names and addresses of these publishers are included in Appendix E.

It should be noted that details considered pertinent sometimes varied with the purpose of the instrument, therefore, not all the matrices are identical. For example, whether scores were reported in grade level form was only important for instruments measuring ba-This is because scoring two (2) grade levels below actual grade placement in reading, English, or math skills is the criteria used by the Illinois State Board of Education/Department of Adult, Vocational, and Technical Education (ISBE/DAVTE) (1987) to determine eligibility for classification as "academically disadvantaged." addition, on the matrix that lists interest inventories, a breakdown of their appropriateness for use with handicapped, disadvantaged, and limited-English-proficient populations is not included. The reason for this is the fact that with both reading and nonreading interest inventories, the information reviewed indicated that the special needs of almost any individual could be accommodated. Some points to consider in selecting appropriate interest instruments for special populations are discussed in the introduction to the interest matrix, as well as in the "Additional Information" section of the matrix itself.

A final comment that relates to all of the instrument matrices presented in this manual is that inclusion of instruments on a given matrix does not signify an endorsement, nor does the absence of any instrument imply that it is unacceptable. In selecting instruments for inclusion in this manual, an effort was made to identify tests which had been reviewed by at least three (3) different resources. There are some tests that did not meet this criteria, but if they were known to be in use in Illinois, had been reviewed in at least one resource, and were reported to have some



utility with special needs populations, they also were included. Note: The authors of this manual made every effort to ensure that the information on the matrices is accurate. However, because other authors' reviews of the instruments were utilized to determine the content of the matrices, it is suggested that this manual serve only as an initial guideline for instrument selection and use.

Since all instruments have their advantages and disadvantages, and since they vary significantly in their appropriateness for special populations, persons responsible for instrument selection are cautioned to review any and all instruments carefully before deciding to use them with students. Some basic guidelines for instrument review and selection are included on pages 39-43 of this manual.

Limited information regarding assessment instruments has been provided on the matrices. The following resources provide more detailed information on the instruments cited in the matrices section:

- Botterbusch, K. F. (1976). Use of psychological tests with individuals who are severely disabled. Menomonie, WI: Materials Development Center, University of Wisconsin-Stout.
- Botterbusch, K. F. (1987). Vocational assessment and evaluation systems: A comparison. Menomonie, WI: Materials Development Center, University of Wisconsin-Stout.
- Botterbusch, K. F., & Michael, N. (1985). Psychological testing in vocational evaluation, revised edition. Menomonie, WI: Materials Development Center, University of Wisconsin-Stout.
- Botterbusch, K. F., & Michael, N. (1985). Testing and test modification in vocational evaluation. Menomonie, WI: Materials Development Center, University of Wisconsin-Stout.
- DeStefano, L., Linn, R., & Markward, M. (1987). Review of student assessment instruments and practices (revised). Champaign: University of Illinois.



- Flanagan, M., Boyer-Stephens, A., Maxam, S., Hughey, J., & Alff, M. Career assessment instrument resource guide: A manual for assessing vocational special needs students. Columbia: University of Missouri.
- Thams, G., & Hayes, P. (1986). Career exploration and vocational assessment for handicapped and special needs persons. Pontiac, MI: Oakland Schools.

KEY TO MATRIX CODES

- Yes, the instrument can be used appropriately with the designated population if it has been determined that the information needed about the individual is consistent with that measured by the instrument.
- No, the instrument is not recommended for use with this population. This could be because of the difficulty level of the items/activities, the format of the test (e.g., auditory or visual), and the target group for whom the test was intended. It should be noted that an "N" only appears when the references reviewed suggest that the instrument should not be modified, or that it would be difficult/impossible to modify for the needs of the designated population.
- This code, which means with caution, is used to indicate that the instrument may be appropriate for use with some, but not all students within the designated population group. A "C" suggests that the strengths, limitations, and special needs of the student, as well as the format and content of the test, be thoroughly reviewed prior to administration. The guidelines for instrument selection outlined on pages 39-43 of this manual, along with information already known about the student, can help in determining not only whether the instrument should be used, but also if it can be used in its present form or would need modification.
- This code indicates that the instrument could be used appropriately with the designated population if it were modified to accommodate special needs. For example, instructions translated into native language for limited-English-proficient students or into sign language for the deaf; written information presented in large print or braille for the visually impaired/blind; instructions simplified and additional time allowed for mentally handicapped students; and written directions put on tape or supplementing verbal instructions with demonstrations for the learning disabled.



Multiple Codes

Some instruments have been coded with both a "C" and an "M." This indicates that, although modifications in administration may enable the test to be used appropriately with some individuals in the designated population, it still may not be appropriate for all who fall into that category. Caution and a careful review of both the student needs and the test content should preclude administration, modification, and/or interpretation of the instrument. One example of the use of multiple codes would be a case where the language level of a test is so high that even if instructions were translated, signed, or simplified, it may not be appropriate for use with all limited-English-proficient, deaf, or mentally handicapped students.



INTRODUCTION TO THE INTEREST MATRIX

Occupational interests can be somewhat difficult to measure, particularly in an adolescent population where aspirations are frequently based on unrealistic perceptions, as well as being subject to constant change. It becomes even more of a challenge with special needs students, since these individuals have often had minimal exposure to occupational information and few experiences upon which to base decisions about preferred activities. For this reason, it is suggested that before attempting to assess interests, students be provided opportunities to learn about different types of work through the use of field trips, audiovisual materials, guest speakers, and classroom activities.

There are three methods of obtaining information about a person's interests. Since each has its advantages and disadvantages, it is recommended that all three methods be employed when attempting to assess the interests of special needs students.

1. Expressed Interests

Students sometimes have ideas about the types of work they might like to do in the future. Although these may be based on faulty knowledge of the job duties/requirements, and could change from one day to the next, it is still important to ask the student about interests. If an individual does not indicate any preferences, which can often be the case with students who have limited awareness of the world of work, the assessment of interests may have to rely on information obtained by the remaining two methods.

2. Manifest Interests

This relates to the types of things a student chooses to do when allowed to select from a variety of different types of activities, as well as what is done during the student's free time. Manifest interests are usually determined through observation, although information can also be obtained by asking questions about hobbies and extracurricular/leisure time activities.



3. Measured Interests

Interest inventories and/or surveys have no right or wrong answers. Students are asked to choose between different types of activities, sometimes just indicating those they would prefer and other times being asked to rate "most liked" and "least liked." Since interest instruments involve self-report, they should be treated more as subjective ratings, rather than test data.

It has been noted that the information obtained from interest inventories can be easily slanted. Reasons include a desire to appear interested in activities that are perceived as being more acceptable or prestigious, as well as apprehension over revealing a preference for activities that seem above or below one's capabilities. For this reason, it has been suggested that validity and reliability of interest inventory results should never be assumed (Thorndike and Hagen, 1977). Results are usually most reliable when students have a genuine desire to learn more about their interests and, therefore, put forth an effort to respond as honestly as possible.

When selecting interest inventories for use with special needs students, there are some important factors to consider. many inventories require reading descriptions of various work activities, these may not be appropriate for use with persons identified as having limited reading skills. Similarly, interest instruments using an audiovisual format might be difficult for a limited-English-proficient student because of the vocabulary or syntax used. Although there are several picture interest inventories available for use with nonreaders, the fact that some use drawings of work activities rather than actual photographs could prove problematic for individuals with perceptual deficits or limited abstract reasoning skills. Persons from a non-dominant culture may also have difficulty identifying illustrations of items or situations unavailable in the student's In addition, if an interest inventory has been native culture. specifically developed for use with a particular population, such as educable mentally handicapped or learning disabled, it may not be appropriate for use with academically disadvantaged and limited-English-proficient students. It should also be noted that a review of all the references used in compiling this manual suggests that there are no formal interest inventories



designed for use in assessing the interests of trainable, severe, and or profoundly mentally handicapped individuals. With these populations, an informal assessment of interests through the use of behavioral observations may be necessary.

A final consideration in the selection of interest inventories relates to the types of occupations being targeted. Although the majority of inventories attempt to measure a broad range of interests, some focus primarily on vocational-technical occupations requiring up to two years of training. Others target professional occupations requiring a minimum of a four-year college degree. A decision as to which type of interest inventory to use will depend upon the level of the student and the nature of the secondary/post-secondary placement options to be explored.



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INTEREST

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	1	.dmin.	.nimb./	rox. nin.	General (Includes both	Voc-Tech (Up to 2 yrs.	Professional (Minimum of	Reading		
INSTRUMENT	AGE/GRADE LEVEL	A quo12	bivibu!	iqqA nbA miT	Voc-Tech and professional occupations)	of training)	4 yr. college degree)	Required (Grade Level) (# reported)	No Reading Required	ADDITIONAL INFORMATION
APTICOM Occupational Interest Inventory	9th grade -Adult	to 4 X	×	20 min.	×			X 4th grade		Uses dedicated computerized terminal developed for Apticom Aptitude Battery. Available in Engish and Spanish versions
Calfornia Occupational Preference System	9th grade -Adult	×	×	30-40 min.	×			X Estimated 8th grade		Technical and Professional Occupations targeted- few entry-level or semi-skilled jobs included
Calfornia Occupational Preference System II	6th-8th grade	×	×	30 min.	×			×		
Career Assessment Inventory	8th grade -Adult	×	×	20-25 min.		×		X 6th grade +		
Caser Assessment Survey Exploration (CASE)	7th grade -Adult	×	×	35 min.	×				×	Filmstrip and audio cassette format
Career Guidance Inventory	7th grade -Adult	×	X	Varies; can take up to 2 hrs.		×		Х		
Gest Picture Interest Invento. 4/Revised	8th grade -Adult	×	×	30-50 min	X				×	Pictorial format (drawings, not photographs), available in Spanish
GOE interest Survey	8th grade -Adult	×	×	30 min.	×				×	Sides and audio cassette
3ordon Occupational Checklist II	8th grade -Adult	×	×	20-25 min.		×		×		
Hamington-CrShea System for Careor Decision-making	7th grade -Adult	×	×	40 min.	X			X 7th grade		Available in Spanish
Interest Bazed Careor Decision (IBCD)	8th grade -Adult	><	×	30-45 min.	X		×		×	Picture inventory, audio visual, plus book format
Interest Determination & Exploration System (IDEAS) Survey	6th -12th grade	×	×	30-40 min.	×			X 6th grade		
Jackson Vocational interest Survey	9th grade -Adult	×	×	60 min.			X	X 7th grade		Targeted to students planning to attend college
Kuder General Interest Survey-Form E	6-8th grade & 9-12th grade	×	×	40-50 min.	×			X 6th grade		



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INSTRUMENT	LEVEL	Grou		L	professional occupations)	5	degree)	(Grade Level)	No Reading Required	INFORMATION
Kuder Occupational Interest Survey FormDD	10th grade -Adu≹	×	×	30-40 min.			×	X 6th grade		Targeted to students planning to attend college. Available in Spanish and Victnamese
Kuder Preference RecordVocational (Kuder C)(Kuder E)	9th-12th grade -Adult	×	×	30-60 min.	×			X 9th grade		
Minnesota Vocational Interest Inventory	9th grade -Adult	×	×	45 min.		×		X Approx. 6th grade		
Occupational Aptitude Survey and Interest Schedule (OASIS)	8th-12th grade	×	×	30 min.	×			×		Interest component of the Occupational Aptitude Survey and Interest Schedule (OASIS)
Ohio Vocational Interest Survey	8th grade -Adult	×	×	60-90 min.	×			Approx. 6th grade	×	
Picture Interest and Exploration Survey	7th-12th grade	×	×	40-50 min.	×				×	Sides and audio cassette format
Pictorial Inventory of CareersVocational	Sth grade -Adult	×	×	20 min.		×			×	Filmstrip and audio cassette format
PRG interest Inventory for the Bind	8th-12th grade	×	×	60 min.	×				X	Designed for and normed on blind & visual impaired populations. Appropriate for use w/these populations only.
Reading-Free Vocational Interest Inventory/Revised	9th grade -Adult	×	×	20 min.		Х			×	Designed for and nomed on educable mentally handicapped students at the high school levelalso has nome for learning disabled students
Self-Directed Search (Holland)	9th grade -Adult	×	×	40-50 min.				×		Spanish & Vietnamese vorsions availabletargeted to those needing minimal vocational assistance
Strong-Campbell interest Inventory	Sth grade -Add	×	×	30-60 mir.			×	X 8th grade		Targeted to students planning to attend college
USES interest inventory II	10th grade -Aduit	×	×	25-30 min.	X			х	:	U.S. Employment Service Interest Inventory; norm group included Black, Hispanic, American Indian, and Oriental
Vocational Interest Inventory	1#h-12th grade	×	×	20 min.			×	X 10th grade		Targeted to students planning to attend college
Voc-Ties	8th-10th grade	×	×	20-30 min.		X School-based Train, progr.			×	May be customized to represent actual training programs available at a particular school-audio visual format



INTEREST

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Page 3		ADDITIONAL INFORMATION	Hispanic version available; paper/pencil & software versions available	Pictorial format (drawings, not photographs)											
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		Reading Required (Grade Level)	X 4th grade												
	ETED	Professional (Minimum of 4 yr. college degree)													
INIERESI	£'36	Voc-Tech (Up to 2 yrs. of training)													
	OCCUP	General (includes both Voc-Tech and professional occupations)	×	×											
		Approx. Admir. Time	15-20 min.	40-60 min.											
		nimbA .bivibal	×	×											
		Group Admin.	×	×							:				
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		INSTRUMENT	VRI Interest inventory	Wide Range Interest and Opinion Test (WRIOT)											



INTRODUCTION TO THE BASIC SKILLS MATRICES

The following matrices include instruments designed to measure achievement levels and/or competencies in the areas of reading, writing, spelling, language development, and math. Also included on the general matrix are some instruments measuring achievement in such areas as independent living skills and study skills. Achievement tests provide a measure of the extent to which a student has "achieved" or learned information.

Standardized norm-referenced achievement tests usually result in a grade-level or age-range score. This allows for comparison between the achievement levels of same age/grade students. Such information is sometimes used to help identify those students in need of remediation or special support services. For example, scoring two grade levels below actual grade placement has been identified by the Illinois State Board of Education/Department of Adult, Vocational, and Technical Education (1987) as one of the criteria for determining eligibility for classification as academically disadvantaged.

Criterion-referenced and competency-based academic achievement tests identify specific academic strengths and deficits, rather than comparing a student's performance to that of a norm group. This information is often far more useful in vocational assessment, since it provides information in functional terms as to what the student does and does not currently know. This information can then be used to develop prescriptive recommendations as to the types of remediation, curriculum modification, or special support services that may be needed in the future.

The basic skills matrices are broken into four categories:

1. Basic Skills--General

This matrix consists of achievement tests which measure academic abilities in more than one area. Often such instruments are referred to as multiple achievement tests or achievement batteries.



2. Basic Skills--Reading

This matrix lists tests designed specifically to measure achievement in areas related to reading (vocabulary, word recognition, and comprehension).

3. Basic Skills--Language (Expressive and Receptive) and Basic Skills--English-as-a-Second Language

These matrices include tests which measure different aspects of oral or written language skills. The instruments on the Basic Skills--Language matrix can be used with the general population. The instruments found in the Basic Skills--English-as-a-Second Language matrix are specifically designed for use with limited-English-proficient populations.

4. Basic Skills--Math

This matrix consists of instruments specifically measuring math skills.

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		ADDITIONAL INFORMATION	Computer based and is anchored to 12,300 jobs. Provides pre-test, prescription instruction, and post-test.	Criterion-referenced test English & Spanish versions available-score reported as number correct	Criterion-referenced teg Target populations-Special Needs students who have basic survival skills as their primary educational goal-Eng. & Span. vers. available	For some groups, departures from time limits would produce more meaningful scores.	Only Levels 18.2 and reading spelling/math sections reviewed for LEP. Level 3 available in Engish & Sparish; Level 4 in Engish only-useful for districtivide grp. achievement testing	
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	KEY KEY	accommodate special needs	Basic Academic Skills for Employment (Reading, I language, writing, and math) (BASE)	Brigance Comprehensive Inventory of Basic Skills (Reading, Istening, speling, math, etc.)	Brigance Diagnostic Inventory of Essential Skills (Reading, language arts, math, and life skills)	Calfornia Achievement Test- (Reading, language, math) science, & social studies)	Comprehensive Test of Basic Skills (Reading, language, math, spelling, reference skills, Forms U & V	lowa Tests of Basic Skills 1986 (Vocabulary , reading, language, word study, and math skills)

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BASIC SKILLS GENERAL

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Page 2			ADDITIONAL	K-TEA age-based norms can be used in learning disabilities assessments to ment the re-	quiements of P.L. 94-142.		Criterion-referenced as well as Norm-referenced scores Target populationpotential college bound students		Practice test for A.C.T designed for use with 10th graders		Target population reported as "general, cerebral palsy and psychiatric populations"	(boundada, r., e maiste N1965)	Norm & Objective referenced 'Special Edition for Blind and Deaf-reportedly attempts	nave been made to make the tests acceptable to repre-	serration of infriority group interests			
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			xorqqA .nimbA 5miT	(TE brief form -30 min com-	preh. form gr. 4-12,	00-75 m	Varies per level from 102- 269 min.		115 min		40 min.		Grades 7.0-9.5	olomati in 9 ses- iore	e S	120-140 min.	3 sessions	
			Indiv. Admin.	74-5		×	×	目	×		×			×			×	
			Group Admin.				×		×					×			×	
			AGE/GRADE LEVEL	Grades 1-12			K-12th grade		10th grade & up		K-12th grade			1.5-9.5 grade		Grades 8-10,	11-12, 13	
	KEY	Y=Yes M=if modified to	N=No accommodate C=with special needs caution INSTRUMENT	Kaufman Test of Educational Achievement			Metropolikan Achievement Test8h Edition Survey Battery (Reading, math, language, science, social	studies)	P-ACT +		Peabody Individual Achievement Test (Math, reading recognition, reading	general information)	Stanford Achievement Test Seriet-(Reading, math, Metering)			Starford Test of Academic Skills (Starford Task-First Edition)		



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math & spelling can be group or individually administered Reading (word recognition) must be administered indiv.-arge Print Test Available... NFORMATION Page 3 ADDITIONAL. Available in Spanish REPORTING OF SCORES × Stand. Scores Grade Equiv. × × × Percentile Stanine O ပ ГEЬ Disadvant. > > APPROPRIATE FOR USE WITH THE FOLLOWING POPULATIONS Multiply bash ပ ပ Autistic ပ ပ >->-IHO Orth Impaired > > BASIC SKILLS GENERAL z Deal/Blind z z pugg ≆ <u>Impaired</u> ပ ပ Σ Speech Visually Visually Σ Moro rec. > ပ Deaf Σ Σ ပ ပ Hearing Impaired Σ Σ Z z HM9/S Σ ပ ပ HMT EWH > >->-SED >-۵ì > >-Part I 60-90 min. Part II 30-45 min. Part III 15-30 min. (10 min. per sub-.nimbA Time 20-30 min. test) Approx. × Indiv. Admin. × × Group Admin. Ages 12 and AGE/GRADE Preschool -Aduit LEVEL above Educational Battery (Reading, spelling, arithmetic) Maif modified to Woodcock-Johnson Psychoaccommodate special needs Wide Range Achievement Test--Revised--Level 2 INSTRUMENT caution C=with

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rese Meir modified to NeNo accommodate Cewith special needs caution INSTRUMENT	AGE/GRADE € SE LEVEL SE G	Indiv. Admin.	Approx.	Time	CED	ЕМН	НМТ	S/PMH	Hearing Impaired	Deat Speech	Speech Impaired Visualy Impaired	basiscoll bril8	Deal/Blind	Orth, besited	IHO	Aufistic	Multiply Aand	Disadvant.	d 3 7	eninsta	Percentile	Grade Equiv.	ADDITIONAL INFORMATION	,
Cinical Evaluation of Language Functions (CELF)	Grades K-12	×	20 min. per Test Entire Battery	ר '' est- ry S. Y	C	>	၁	Z		z	₩	Z	Z	>	-	ပ	ပ	>	γ		×		Test uses audio-tape and picture manual-adaptability for use with visually and/or hearing impaired populations not reported in reference materials;	ı '
Peabody Picture Vocabulary Test	2.5 to 18 yrs.		10-15 min. X (untimed)	min.	λ ,	*	٨	3	≥	≥	<u> </u>	2 U	Z	>	>	ပ	ပ	> -	>		×		Design to be used w/peopie who cannot read or write. Wide range of items useful for testing range of intell, thru hearing voc. Can be used w/ most hand. & Adsady, pop. Avail in Spanish	a = 6
SRA Verbal Form ("Estimated 8th grade reading level required)	Grades 7-16 and Adult	×	X 15 min.	in. ·c	ى ى :	၁	Z	Z	ပ ౾	ů 🗷	ۍ x	S Z	Z	>	>-	၁.	၁.	٥.	ပ္		×		*One review noted this test is not intended to be culture-fair or culture free, since designed to be used in educational and/or job situations where traditional academic standards apply.	1 5
Test of Adolescent Language	Grades 6-12		60-180 X min.		>	ပ	ပ	Z		υΣ	▼	Z	Z	>	>-	ပ	ပ	\	,	No.	Norm Referenced *Advisesorit Language Quetient	20 TE	TT 4 CA C3	_ o _ v
Test of Written Language (TOWL)	Grades 3-12 X		X 40 min.	, in	≻	ပ	ပ	Z		× ×	≥	z	Z	Use of rand	>	υ	ပ	>-	ပ		×		inclusion of handicapped & dis- advantaged students not noted in noming sample. However, test is reportedly used frequent by in Spec. Ed. as part of an assessment battery, since research is cled which points to ability of test to differentiate between learning disabled and nondisabled students	a
Test of Written Spelling	Grades 1-12 Regular and Special Students	×	X 20-40		>	>	ပ	2	≥	Σ	∑	. ≥	Z	>	>	ပ	ပ	>-	>-		×			1 .



BASIC SKILLS
LANGUAGE
(English Second Language)

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					APPROPRIATE FOR	REPORT	REPORTING OF SCORES	CORES	
INSTRUMENT	AGE/GRADE LEVEL	Group Admin.	Indiv. Admin.	.xo1qqA Admin. 5miT	LIMITED-ENGLISH- PROFICIENT (LEP) STUDENTS	Percentile	Proficiency Level	Raw Score	ADDITIONAL INFORMATION
Basic English Skills Test (BEST)	High School to Adults	×	×	15-25 m in utes	×		×	X	Literacy Section can be group administered. The remainder of test must be administered individually.
Basic invertory of Natural Language (BINL)	Grades K-12		×	10-15 m inutes	×	×		×	Available for assessing English and native language proficiency. Computer scoring available for 19 languages
Biingual Oral Language Tests (BOLT)	Grades 4-12		×	7 mindes	×			×	Available in Sparish
Blingual Vocational Oral Proficiency Test (BVOP)	High School to Adults		×	45 minutes	×		×	×	Specifically designed for vocational placement screening. Appropriate for low proficiency only
Comprehensive English Language Test (CELT)	High School to Addits	×	×	3 test sections 30-45 minutes each	×	×		×	For intermediate to advanced LEP students. Requires Reracy in English
English As A Second Language Oral Assessment	High School to Adults		×	3-15 minutes	*		×	×	
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BASIC SKILLS
LANGUAGE
(English Second Language)

					- miles (miles)	/26226			page 2
		_			APPROPRIATE FOR	REPORT	REPORTING OF SCORES	CORES	
INSTRUMENT	AGE/GRADE LEVEL	Group Admin.	Indiv. Admin.	Aptox. Admir. SmiT	USE WITH UMITED-ENGLISH- PROFICIENT (LEP) STUDENTS	Percentile	Proficiency Level	Вам Score	ADDITIONAL INFORMATION
Engish Language Skills Assessment in a Reading Context (ELSA)	High School to Adult	×	×	30 mixtes	×			×	Provides a form for each of five proficiency levels.
llyin Oral Interview	Grades 7 to Adult		×	5-30 minutes	×		×	×	
Language Assessment Battery (LAB)	Level 1: K-2 Level 2: 3-5 Level 3: 6-8 Level 4: 9-12	×	×	4 subtests 8-28 minutes each	×	×		×	Assesses English and Spanish proficiency. Available in Spanish Requires Reracy
Language Assessment Scales (LAS)	Level 1: K-5 Level 2: 6-12		×	20 mindes	×		×	×	Assesses English and Spanish proficiency
Michigan Test of English Language Proficiency	High School to Adult	×	×	75 minutes	×			×	Equates scores to college placement Requires iteracy Designed for use with intermediate and advanced LEP students
Secondary Level English Proficiency Test (SLEP)	Grades 7-12	×	×	2 subtests 45 minutes each	×			×	Requires Reracy
T.		<	3	1000					7.8



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BASIC SKILLS
LANGUAGE
(English Second Language)

					(English Second Language)	anguage)			page 3
					APPROPRIATE FOR	REPORT	REPORTING OF SCORES	CORES	
INSTRUMENT	AGE/GRADE LEVEL	Group Admin.	Indiv. Admin.	.xo1qqA .rimbA .emiT	USE WITH LIMITED-ENGLISH- PROFICIENCY (LEP) STUDENTS	Percentile	Proficiency Level	Важ Бсоге	ADDITIONAL INFORMATION
The Woodcock Language Proficiency Battery	Ages 3-Adult	_	×	40-45 minutes	×	×		×	Assesses English and Spanish proficiency



INTRODUCTION TO THE GENERAL ABILITIES/ APTITUDES MATRIX

This matrix includes both paper-pencil and performance-based assessment instruments designed to measure abilities/aptitudes in more than one area. Often referred to as aptitude batteries or multiple ability tests, these instruments attempt to measure an individual's capacity, or potential for performing certain types of activities, rather than only assessing current level of achievement. Since most paper-pencil aptitude tests can be administered in group settings, and since few take more than two to four hours to administer (some even less), they are generally the method used to collect aptitude information during Level 1 assessment activities.

Aptitude tests are considered most useful for providing guidance for students whose abilities/aptitudes fall within the middle and upper ranges. Individual placement decisions, especially for those students whose tested abilities fall within the below-average to low range, may necessitate the use of more comprehensive assessment methods or, at a minimum, incorporating other assessment information with the results obtained from aptitude testing. (Career Assessment Instrument Resource Guide, n.d.)

In order to maximize the usefulness of paper-pencil ability/aptitude tests in the assessment of special populations, it often helps to administer them individually or in small group settings. It also helps to break up the testing time on instruments requiring several hours to complete. For nonreaders or students with limited reading skills, the use of performance-based aptitude instruments might prove more appropriate than paper-pencil tests.

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N=No accommodate C=with special needs caution INSTRUMENT	AGE/GRADE LEVEL	nimbA quota	Individ. Admi	Approx. Admir. Time	רם	CED	EWH	HMT HM9\2	Hearing Hearing Impaired	Deaf	Speech	Visually Impaired	brita	Deat/Blind	Orth. Impaired	IHO	Autistic	Muliply Hand.	Other	Disadvant.	EP.	ADDITIONAL INFORMATION
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Aptitude-Based Career Decision Test (ABCD Test)	High School -Adult	×	×	90 min.	>	>-	ے ن	z	≥	3	>	≥	Z	z	>-	>	Ü	ပ		>	हु <u>ह</u> इ	Only vocab. subtest requires lang, skills
Aptitude Tests for Occupations (ATO)	High School -Adult	×	, ×	77 min.	၁.	>,	ပ္	z	<u>≯</u>	ပ်	>-	≫	z	2:	>-	>-	ပ	O		• <u>a</u> £	2. 3. See St.	6-8th grade reading level
ss Itude	11-12th grade & Post-Secondary Age 16 yrs. & up	×	×	2-2 1/2 hrs.	ပ္	<u> </u>		z	Z Z	ှ =	>	2	z	z	>	>	ပ	U	•	<u>, -</u> ≻	or level	6-8th grade reading level
Career Ability Placement Survey (CAPS)	Intermediate, High School, & Community College	×	×	45-60 min.	၁	>-	ာ်	z	. ¥ z	ပ္≆	>	æ	Z	z	\	>	ပ	ပ		<u>, -</u> ≻	Ç. ₹	Approx. 8th grade reading level
Comprehensive Ability Battery	Age 15 & up- not enrolled in college	×	×	2 1/2 hrs.	၁.	>	ပ	z	Z	ပ္ Σ	>	Œ	z	z	Y	>	ပ	ပ		,	. Ag 7. ¥	Approx. 8th grade reading level
Defrok Tests of Learning Aptitude	Ages 6-17		<u></u> ×	50-120 min.	٨	*	>	<u> </u>	ວ ≈	≥	*	≆	z	Z	>	٨	ပ	ပ		<u> </u>	C ⊒	Reportedly useful with mentally handicapped and learning disabled pop.
Differential Aptitude Test (DAT)	Grades 8-12 and Adults	×	×	4 hrs.	ပ္	>	ပ္	Z	z	Σ	>	ပ	≥	z	>	>	ပ	2	•	<u> </u>	Σ Σ	'6th grade reading level
General Aptitude Test Battery (GATB)	Grades 10- Adult	×	×	2 1/2 hrs.	J	, ,	ပ	z	٨.,	∑	>	ပ	3	z	٨.	¥	υ	. <u></u>	Motor tests require use of hands	<u>`</u>	C ava	"6th grade reading level "Span version (BGPA) available. Certification necessary to administer
Microcomputer Evaluation and Screening Assessment (MESA)	Ages 14 yrs	8-5 ×	×	4 1/2 - 5 hrs.	> -	>	ပ	z	z	. ₹	>	ပ	≆	z		λ.	ပ	ပ္	"Use of hands needed	<u>→</u>	N. S.	"Manuais available in Spanish
MESA Short Form 2	Ages 14 yrs Adult	\$ 5 ×	<u>ச</u>	90 min.	*	>	ပ	z	z	3	\	ပ	≥	z	λ.	,	ပ	Ç	·Use of hands needed	, -	ds N	"Manuals available in Spanish
Occupational Aptitude Survey and Interest Schedule (OASIS)	Grades 8-12	×	×	30 min.	>	*	ပ	z	z	_ ₹	>	ပ	Æ	z	>-	>-	U	U		>	36.8Z	Numerical spatial & manu dexter, subtests norverbal, verbal, & percept require matching words & phrases



GENERAL ABILITIES/APTITUDES

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Page 2		ADDITIONAL INFORMATION	Assesses nonverbal mental abilities	Instruc, avail in Span. norm group inch non-Eng, speak, assesses mental abil, of non readers or low language							
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	L	Group Admin.		×	Х ята і group						
		AGE/GRADE LEVEL	Ages 8-65 (standard k≹)	Ages 16 -Aduit	8th grade- Adul						
		Y=Yes M=# modified to N=No accommodate C=with special needs caution INSTRUMENT	Raven Progressive Matrices	Revised Beta Examination, Second Edition	Systematic Assessment and Group Evakuation (SAGE)						

INTRODUCTION TO THE SPECIAL ABILITIES/ APTITUDES MATRIX

This matrix lists instruments designed to measure abilities/aptitudes in specialized areas, such as mechanical comprehension, clerical ability, color discrimination, forms/spatial perception, and motor abilities. Some of the areas that special ability/aptitude tests assess are also measured by general aptitude batteries. However, specialized tests often attempt to measure abilities in areas not assessed by other instruments.

Although some of the tests listed on this matrix can be group-administered, most require individual administration. For this reason, as well as the fact that they are measuring abilities in very specific areas, special ability/aptitude tests are used less frequently than general ability/aptitude instruments during initial Level 1 assessment activities. They are usually administered on an "as needed" basis to more thoroughly assess abilities/aptitudes measured less comprehensively by general ability/aptitude instruments.

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		ADDITIONAL NFORMATION	3	*Questions require 6-8th gr. reading level-instructions available on tape	Target population report- edly included people with low reading isvels	C 6th grade reading level	Sth grade reading level	3	3	3	*Est. 6th grade reading	*	Use with non-English speak- ing populations mentioned in manual	"-Must be able to reach and use hands to grasp
		Disadvant.	<u> </u>		<u> </u>	<u>.</u>	· .	_	>	>	}	>-	>	*
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		Approx. Admin. SmiT	5-20 min.	30 min	60 min.	60 min.	80 min.	15 min.	2-3 min.	less than 5 min.	50-55 min.	20 min.	20 min.	Varies; 7 subtests
		nimbA bivibal	×	×	×	×	×	×	×	×	×	×	×	×
:		Group Admin.		×	×	×	×				×	×	×	×
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,-	KEX	Y"Yes M=# modified to N=No accommodate C=with special needs caution INSTRUMENT	Bennett Hand Tool Dexterity Test	Bennett Mechanical Comprehension Test	Computer Aptitude, Literacy & Interest Profile	Computer Operator Aptitude Battery	Computer Programmer Aptitude Battery	Crawford Small Parts Dexterly Test	Dvorine Color Vision Tests	Farnsworth Dichotomous Test Not for Color Blindhess spee	General Clerical Test	Mirnesota Clerical Test	Mirnesota Paper Form Board TestRevised	Minnesota Rate of Manipulation Test



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•	Page 2		ADDITIONAL INFORMATION			Use w/bifingual, as well as voc. trainces & industrial pers. mentioned in manual		"7th grade reading level	Measures karn, potent, of ron-readers and those from different cultural back- grounds.	Est. 8th grade reading level		Assesses motor and perceptual abilities only		
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	ļ		Disadvant.	1	>	À	>	٨.	¥	,	>	>-		
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			AGE/GRADE LEVEL	Not specified	Not specified	Not specified	Not specified	Not specified	14 years +	Not specified	Not specified	8th grade -Adult		
		KEY	ied to	Mirnesota Spatial Relations Text-Revised	Perneykavia Bimarual Work Sample	Personnel Tests for Industry-Oral Directions Test	Purdue Pegboard	SRA Clerical Aptitudes	SRA Pictorial Reacoring Test	SRA Test of Mechanical Concepts	Stromberg Dexterity Test	Talent Assessment Program (TAP)		



INTRODUCTION TO THE SPECIAL NEEDS MATRIX

Adaptive Behavior Scales/Social and Prevocational Skills/Learning Styles Inventories/Values and Attitudes Matrix

This matrix lists a variety of different types of assessment instruments that can be used to obtain information relevant to an individual's functioning within the affective domain. Also listed are instruments which measure basic independent living/prevocational competencies, job seeking/job keeping skills, and those that assess an individual's learning style.

The use of instruments on this list is generally limited to those students for whom Level 2 assessment information is needed. Although some can be group-administered, many require individual administration. The target population for a few of the instruments are mentally handicapped and learning disabled individuals. This information is provided in the "Additional Information" column of the matrix.

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SPECIAL NEEDS SPECIAL NEEDS PTIVE BEHAVIOR SCALES/SOCIAL AND PREVOCATIONAL SKILLS/LEARNING STYLES, INVENTORIES/VALUES, AND A.TITUDES APPROPRIATE FOR USE WITH THE FOLLOWING POPULATIONS: APPROPRIATE FOR USE WITH THE FOLLOWING POPULATIONS:	4 4 4
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Ages 4.5-19 Sin grade Adult	AAMD Adaptive Behavior Scale-School Edition	3-16 years		×		>	 				>	λ	>					<u> </u>			<u> </u>	× 5.8 5.	Alows for companson to regular education students, as well as EMH & TMH populations
Sth grade- X X min	Adaptive Behavior Evaluation Scale	Ages 4.5-19 years		×	15-20 min.	>	>				>	>	>		>	>	≻	<u> </u>			>	× Figure Scientification	Norm groups include non- handicapped, ED, LD, and mild, moderate, and severely mentally handic.
First of the light of the lig	Carfield Learning Styles Inventory Form E	6th grade - Aduk	×	×	15-30 min	}-						>		3	z)	3			<u>.</u>	<u>;</u> #	5th grade reading level
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Delity Attitudes Stitl grade	Elwyn Remedial Inventory One - 1971	Public School Students	×	ļ	30 min.	>	>	├		 	₹	>	Z	z	z	>	<u> </u>	S S			>	<u>(e</u>	6th-8th grade reading level
Adult	Employability Attludes	9th grade -Adult	×	×	2 1/2 hrs.	>	>	 -	 		 	>	.≥	3	z	>	· >	ပ္	J.		→	, o o o o o	Audio visual-deals w/360 behavioral incidents based on employers' expectations
11th grade	Foyer Vocational Survey		× _	×	45 min.		 	 	 	 	† — —	<u>></u>	≥	≥ .	z	>	>	U	U		} -	မှ မှ ၁	6th-8th grade reading level
Junior High- X X than than 50 min. 'Y 'Y 'C N M M M N Y Y Y Y Y N M Y M N Y Y Y Y Y N M N <t< td=""><th>Job Search</th><td>11th grade -Adult</td><td>×</td><td>×</td><td>1 1/2 hrs.</td><td>></td><td>></td><td>-</td><td> </td><td>├──</td><td>1</td><td>></td><td>.≥</td><td>3</td><td>z</td><td>></td><td>></td><td>ပ</td><td>U</td><td></td><td>-</td><td><u>* </u></td><td>'Audio visuat-deals with 80 skills relating to job search skills</td></t<>	Job Search	11th grade -Adult	×	×	1 1/2 hrs.	>	>	-	 	├ ──	1	>	.≥	3	z	>	>	ပ	U		-	<u>* </u>	'Audio visuat-deals with 80 skills relating to job search skills
16 years - X X Daired Adut X X 20 min -y y y y N N M M Y M M N Y N Y N N M M W Y M M N Y N N M M W Y M W Y W Y Y Y Y Y Y Y Y Y Y Y Y	Meyers - Briggs Type Indicator	Junior High - Adult	×	×	Less than 50 min.	٠.	>-				 	>	3	73	z	>-	>-	၁	υ Σ		*	ပ မှာ စု	Estimated 6th grade eading level
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-Adult X	Scales of Independent Behavior	infancy -Adult		×	40-45 min.	>-	>	>-	_			>		>-	>-	>	>	<u>></u>			>	>	



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Page 2			ADDITIONAL INFORMATION	Use with mentally handi- capped populations men- tioned in manual	Part of McCarron-Dial work evaluation system, but also avail, separately	8th grade reading level		"Designed for students who are low achieving, but not mentally retarded"	Designed for use with devel, disabled, learning disabled & educ, handicap.	Identifies skills required by jobs, skills possessed by individual & skill taught	Describes adaptive behavior skills and prescribes instruction	"Designed for use with handcapped populations	"Reading required-level not specified; Administered via a computer	Teacher-rated "Designed for use with handic, children & adults	"Sparish version-B Mundo Del Trabajo; English vers "Gh grade reading	
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SPECIAL NEEDS ADAPTIVE BEHAVIOR SCALES/SOCIAL AND PREVOCATIONAL SKILLS/LEARNING STYLES INVENTORIES/VALUES, AND ATTITUDES			AGE/GRADE LEVEL	Junior-Senior High School Students	Junior-Senior High School Students	High School- Adult		Adolescents and young adults	Not Specified	9th grade -Adult	3-18 years	Persons pre- paring to enter competitive employment	Not specified	Al grade levels	8th grade -Aduit	
AD	KEY	Y=V=c M=if modified to		Social and Prevocational Information Battery	Street Survival Skill Questionnaire	Temperament and Values Inventory		Test for Everyday Living Skills	Test of interpersonal Competency for Employment	Universal Skills Survey	Vineland Adaptive Behavior ScalesRevised Form 267 Item Survey Form	Vocational Assessment and Curriculum Guide	Vocational Implications of Personality	Waksman Social Skills Rating Form	World of Work Invertory	



INTRODUCTION TO THE WORK SAMPLE/ WORK EVALUATION SYSTEM MATRIX

The following matrix identifies various commercial work samples or work evaluation systems that might be used during a Level 2 assessment. These instruments are usually best administered by a vocational assessment specialist, or at least by persons who have received training in how to administer and interpret the work samples and evaluate systems under consideration. A few of the instruments listed on this matrix are primarily designed for career exploration or instructional purposes rather than for assessment. These instruments are so designated in the "Additional Information" column of the matrix.

In general, work samples and work evaluation systems are individually administered, although it is sometimes possible to work with small groups (preferably no more than five students per evaluator) when several different work samples are available or evaluation The term "work systems with multiple subtests are being used. sample" refers to the use of real or simulated work activities to assess an individual's current or potential abilities within a given area. Work samples sometimes relate to trade, technical, or business-oriented occupations, such as mechanical assembly and repair, drafting, electronics, clerical, and cashiering. However, some work samples attempt to simulate activities that might be performed in a variety of different jobs, rather than relating to a specific occupation. ample, a work sample might provide information about a person's ability to discriminate colors/sizes/shapes, or the ability to use tools, follow diagrams, and pay attention to detail. The advantage of work samples is that they allow for a hands-on assessment of a person's ability within a given area, rather than inferring abilities on the basis of one's performance on a paper-pencil test.

Work evaluation systems are similar to work samples in that they are usually individually administered and involve at least some hands-on performance activities. However, work evaluation systems sometimes bear little resemblance to actual work. Instead, a variety of different subtests or testing apparatus are used to assess levels of functioning within the cognitive, perceptual, psychomotor, and affective domain. The information obtained is then integrated into a profile which can be used to identify an individual's vegational strengths



and limitations, as well as providing information regarding current programming needs and the types of occupations that best match the individual's profile.

It should be noted that in order to determine whether an instrument falls into the category of a work sample or a work evaluation system, it is necessary to look beyond the name of the instrument and to review, instead, the instrument's purpose. A list of resources that review the purposes of assessment instruments, as well as a variety of other information related to their use, can be found on page 46 of this manual.

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Choice Work Samples	14 yrs. +	mat. GPP. GPP. GPP.	×	Varies: timed to complet.	<u>ې</u> ک	<u></u>	Z			υ Σ	>	3	z	Z	λ.	>	υ	Ċ.¥ Sa ₹	*Use of hands reeded Y	- X	
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Jewish Employment Vocational Service Work Sample System (JEVS)	14 yrs. -Adult	× stage	×	28 Work samples 6-7 days	>	>	>	ບ≱	2	- ≥	>	≥	ပ Σ	ပΣ		>	ပ	ပ္ Σ	Use of hands needed	₹	
Key Educational Vocational Assessment System	High School -Adult	X 4-5 at a time	×	2 1/2 -3 hrs.	>	>	o o	z	3	*	>	2	Z	Z	γ.	٨	ပ	ည် <u> န</u>	"Use of hands needed	≥	
McCarron-Dial Work Evaluation System	14 yrs. -Adult		×	1 day of test. 2 wks. observ.	>	>	<u> </u>	>	X ∵	X.	۳. ۲	. ₹	z	Z	λ	ئ	' ပ	o. ₹	Use of hands needed	υ Σ	
Microcomputer Evaluation of Career Areas (MECA)	Grades 6th -10th	X multiple computers	×	15 com- ponents 20 min. each	>	>-	ပ	2	Z	2	>	J	Z	Z	.	>	ပ	ع عرب	"Use of hands	<u>₹</u>	"Audio visual format used primarity for exploration and instruction
Micro-Tower	14 yrs. -Adult	× Tempor	×	3-5 days	*	*	၁	Z	Z	X	<u> </u>	*	Z	z	} -	\	ပ	ဂ် ऋ	.Use of pands needed		**
Mobile Vocational Evaluation	16 yrs. Adult	smal group	×	3-4 hrs.	\	٨	*	၁	Z	2	≻	- ≥	Z	z	} -	۲	ပ	Ç Œ	"Use of hands needed	-	3
Phoenix Ability System	16 yrs. - Adult	× mems	×	5-6 hrs.	Y	\	>	ပ	z	<u> </u>	¥	3	2	Z	}	\	ပ	ບ Σ	The of hands heeded	>	3
PREP Work Samples	9th grade -Adult	x small	×	26 work samp. 2 hrs. ea.	≻ 'n	>	ပ္	z	: z	C	ک <u>۲</u>	ို	Z	Z	<u></u>	>	ပ်	J.	Use of hands needed	-}	*Aucto visual format of instruction-approx. 8th gr. reading level required for use of reading materials
Prevocational Assessment Screening (PAS)	14 yrs. +	×đ º	×	50 min.	>	>	>	ე ₹	z	3	>	3	Z	Z	_	>	ပ	ပ္ 🗷	Use of hands needed		3



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ار ا							≯	WORK	SA	F F	SAMPLES/WORK	≂ I	<u>м</u>	EVALUATION	ΙV	NO.	SΥ	SYSTEMS	WS			Page 2
KEY							4PPR		APPROPRIATE FOR USE WITH	OHO C	S	Н	범			3 PO		HE FOLLOWING POPULATIONS	S:			
Va Ves Mail modified to		U	.nin				ŀ	ŀ	ŀ	ŀ	₹.	HANDICAPPED		۵								
N=No accommodate C=with special needs caution INSTRUMENT	AGE/GRADE LEVEL	mbA quota	nbA .blyibnl	xo1qqA Admir. ƏmİT	רם	SED	EWH	HMT	S/PMH Hearing	Impaired Deaf	Speech Impaired	Visually	brild.	Deat/Blind	Orth. Impaired	IHO	Autistic	Multiply Hand	Other	Disadvant.	437	ADDITIONAL INFORMATION
Singer Vocational Evaluation System	14 yrs. +	X sm. grps. mult. units	×	Varies; timed to complet.	>-	>-	U	2	. ≥	; ≥	<u>></u>	≥	z	z	>	>	ပ	ပ္ 🌫	*Use of hands needed	>	≥	"Audio visual format of in- structions. Primarily used for explora. & instruc. purposes
Skils Assessment Module (SAM)	14 yrs. +	× of c	×	2-3 hrs.	>	>-	U	z	 		>	≥	Z	Z	<u>}</u>	>	ပ	U	*Use of hands needed	>-	1	
Training Performance Sample	14 yrs. +		×	30 min.	Z	Z	, ,	<u>}</u>	<u>;</u>	2	2:	2:	Z	2:	Z	?	ž	Z	*Use of hands needed	?	?	Developed for use with moderate, severe & profoundly mentally handle.
Valpar Component Work Sample System	14 yrs. +	x smal group	×	varies; timed to comple- tion	>-	>	>-	υ Σ	Z		≻	×:	:∪ ≥ 5	ს.≥	.≥	>	U	∪ ∑	*Use of hands needed	>-		"Span. markal avail, "Videox signed tapes for hearing imp." "modfi.
Vapar #17-Prevocational Readiness Battery	14 yrs. +		×	5 1/2 hrs.	ပ	U	<u>,</u> ≻	<u> </u>	∪ ≥	. ₹	>	≥ 2	z	z	۶	ပ	ပ	ე ,≊	'Use of hands needed	z	ပ Σ	"Developed for use w/men tally impaired populations-some LD individuals in norm proton "Span vers avail
Vocational Information and Evaluation Work Samples (VIEWS)	14 yrs. +	X small group	×	30 hrs.	ပ	ပ	>	→		()): ⊃:. ∑:	∵ ¥	; ≥	: ≆	۽ ب	J	<u>ن</u>	ပ ₹	*Use of hands needed	z	ე ₹	"Developed for mid, moderate, & severely men- tally handicapped
Vocational Interest, Temperament and Apitude System (VITAS)	9th grade and up	X smal group	×	t5 hrs.	>-	>-	>-	υ Σ	-Æ	≥	>	≥	ပ ∑	υ Σ	<i>;</i> -	>	ပ	ပုံ 🗷	*Use of hands needed	>	ပ Σ	
Wide Range Employment Sample Test (WREST)	14 yrs. +	X up to 6 people	×	1 1/2 -2 hrs.	ე	J	>	<u>-</u>	: 	M. M	J	W	ပ ∑	ပ Σ	ပ္	ပ္	ပ္	ာ <u>.</u>	*Use of hands needed	၁	ပ .Σ	"Developed for use with a shekered workshop pop. Assesses dexterity & manipulation skills
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SAMPLE FORM A

PARENT/GUARDIAN NOTIFICATION AND CONSENT FORMS

PARENT/GUARDIAN NOTIFICATION OF INTENT TO ASSESS AND CONSENT FOR VOCATIONAL ASSESSMENT

		VO	CATIONAL ASSESSMENT	
NAME OF	CHILD	DATE OF BIRTH	NAME OF PARENT/GUARDIAN	Initial Evaluation Reevaluation
A refer	ral for a vocation	al assessment regard	ingName of Child	was made on
suppo	rt services nee	d to be provided t	npleted to help determine was better enable your child to not stat will be used during the	what vocational training and/or succeed in a vocational educate vocational assessment.)
Upor findir	n completion of	f the assessment, le program and/o	a conference will be schedu r support service alternatives	led with you to communicate the
	I hereby give cor	nsent to conduct the vo		l understand the content of this notice.
cc:	Parent Student's record Person submitti	ng referral		
			Date	Signature of Parent/Guardian



NAME OF CHILD	DATE OF BIRTH	NAME OF PARENT/GUARDIAN	Initial Evaluation Reevaiuation
A referral for an	Individual case study evalua	ation regarding	was made on
This action is being for the decision to rejected.)	proposed by the local distric evaluate this child, any optic	ct because (Describe each evaluation proc ons considered for providing alternative so	edure, test, record, or report used as a basis ervices, and the reasons those options were
To determine whe shall include the fo		es are needed, an evaluation will be mad	e by a multidisciplinary team. This evaluation
An interview with ye	our child. This interview will allow	w the team to understand your child's perception	of the difficulties he/she is experiencing.
Consultation with yo	ou. This will allow you the opportu	unity to describe your concerns as they relate to y	our child's education.
A social developme assessing how the independently and m	ental study. This study allows the environment affects your child's a eets standards of personal and so	ne evaluation team to understand your child by a ability to learn. This study includes an assessm cial responsibility) and cultural background. This s	assessing in-school and out-of-school behavior and tent of adaptive behavior (how your child function tudy may include formal (tests) or informal procedure
A medical history affecting your child's	and current health status. This school performance.	s information will allow the evaluation team to	determine if any current or past medical problem
Vision/hearing screschool performance of	enings. The results of these scr if your child.	reenings will show if there are any visual or audi	tory problems that would interfere with the testing
A review of your records and current i	child's academic history and evel of achievement in the present	i current educational functioning. This re- educational setting.	view involves reviewing your child's prior school
taught in school, such tests which attempt t	nas reading, arithmetic reasoning : o discover how the student takes	and calculation, and written language. Scores are	ses tests which measure traditional academic skil generally expressed in grade equivalents. In additio expresses answers are used. A determination is mad gelevel equivalents.
and assesses the lev	the child's learning environme el of match between student needs ducational needs of your child.	nt. This assessment generally determines how s and learning styles. In addition, the effects of phy	the student interacts in the classroom environme sical factors in the classroom are assessed to determi
Specialized evaluate be checked below:	lions which are specific to the nat	ure of your child's problems may also be conducted	ed. Those evaluations determined to be necessary to
coordination	ı, social/emotional development, be	ws the team to determine how effectively the stude shavioral control, and/or academic achievement. Su wing as possible assessment procedures.	ent functions in the areas of intelligence, visual-motor ch evaluations may be formal or informal and include
	mination. This exam will allow the t		lentified as the cause or a contributing factor to the
Speech and processing	l language evaluation. This evaluate abilities. The areas of language co	ion will determine the degree and extent of oral rece impetency should include rhythm (fluency), voice, a	plive and expressive language usage and language ticulation, and language.
Vocational	assessment. This assessment will	help determine vocational training needs and/or st	apport services to be provided.
educational progr	ram and/or service alternative	s. Your child's placement will not change o	
		verbally explained and given to me with this notice	
i hereby or	LC COLLECLIF TO COLLORICY RUG GASTITUDE	on described and I understand the content of this no	DUCE.



Student's temporary record

Person submitting referral

Data

Signature of Parent/Guardian

SAMPLE FORM B

STUDENT INTERVIEW FORMS



STUDENT INTERVIEW

Student's Name:	Date:
Parent/Guardian Name:	
Address:	Phone:
1. What kind of high school program would you lik	e to take?
Classes preparing for college Classes in which basic reading, math, v	chool credit
What kind of skills would you like to learn in so job- seeking skills, job- keeping skills, etc.)	hool? (e.g. math, reading, writing, spelling,
Please list:	
If a 1/2 day class-1/2 day work program was reconsider such a program? YES	ecommended for you during high school, would you NO
What do you see yourself doing after high sch (circle one)	nool?
College	
Junior College	
Military	
Trade School	
Skilled employment (mechanic, welder, carp	enter, etc.)
Semi-skilled employment (grocery store, res	taurant, factory, construction labor, etc.)
Other	
5. List two jobs which you think you could succe	eed at and enjoy.
	<u> </u>

Source: Vocational Assessment of Students With Special Needs, Texas Education Agency, Project No. 11230049, 1982.



STUDENT INTERVIEW FORMAT

ATTITUDE TOWARD HANDICAP:

- 1. Do you have any sort of handicap?
- 2. Are you in a special education program? Which one? Why?
- 3. How do you feel about being in this program?
- 4. How do your family and friends feel about it?

INTERESTS AND ACTIVITIES:

- 1. What do you do in your leisure time? Sports? Hobbies? Church?
- 2. Do you have any jobs at home? What?
- 3. What job do you think you would be good at and like to do?
- 4. What job(s) do you really think you would not like? Why?

OCCUPATIONAL AND CAREER AWARENESS:

- 1. Name as many jobs as you can (up to 15).
- 2. Name three jobs available in a supermarket.
- 3. What are ways to find out about job openings?
- 4. What do employers look for when they hire someone?
- 5. What are some reasons people get fired from jobs?
- 6. What would an employer like about you? Not like?
- 7. What should you do if you are going to be late or absent from work?

WORK AND CLASSROOM PREFERENCES:

- 1. What teachers do you like best? Why? Which least? Why?
- 2. Do you like to work by yourself or with a group?
- 3. On a job, would you rather sit most of the time or move around a lot?
- 4. Would you rather work outside, inside, or both?
- 5. How would you feel about working where it is cold? Hot? Wet? Where there are dangerous things about?
- 6. What kinds of people do you not like to work with?

EDUCATIONAL INTERESTS:

- 1. What courses would you like to take? Which do you want to take?
- 2. Would you like to enroll in vocational training now or later? What kind?
- 3. Of all the school courses you have taken, which one(s) were the best? Why?
- 4. What will you do after high school?

FUNCTIONAL SKILLS:

- 1. If you lived by yourself and had a job, what are some of the things you would have to spend your money on each month?
- 2. How much does it cost for groceries for two people each week if you cook at home?
- 3. Can you use a telephone? How/what do you dial in an emergency?
- 4. If you had a job, how would you get to work? Can you drive?
- 5. Do you go shopping by yourself? What do you buy?

FAMILY:

- 1. How do your folks feel about you working?
- 2. Do they trust you?
- 3. What do you like best about your home life?
- 4. Is there anything in your home life that might cause difficulties?



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Date:	

STUDENT INTERVIEW

Name:	Birthdate:	
School:	Age:	Certification:
Parent/Guardian:		
Address:		
ATTITUDES TOWARD HANDICAP:		
INTERESTS AND ACTIVITIES:		
OCCUPATIONAL/CAREER AWARENESS:		
WORK AND CLASSROOM PREFERENCES:		



(continued...)

EDUCATIONAL INTERESTS:		
	·	
<u> </u>		
/		
FUNCTIONAL SKILLS:		—
FAMILY:	<u> </u>	
1 7401L11.		
		_
ADDITIONAL COMMENTS:		
-		
	-	
	Completed by:	

Source: Thomas M. Kennedy, Intermediate School District, St. Clair County, 499 Range Road, P.O. Box 5001, Port Huron, Michigan, 48061-5001



SAMPLE FORM C

PARENT INTERVIEW FORMS



PARENT'S INTERVIEW

St	ident's Name: Date:
Pá	rent/Guardian Name:
Αc	dress: Phone :
1.	What kind of high school program would you like your child to take?
	Classes preparing for college Classes in which basic reading, math, writing, and world of work skills are taught 1/2 day classes and 1/2 day work for school credit
2.	What kind of skills would you like your child to learn in school? (e.g. math, reading, writing, spelling, job-seeking skills, job-keeping skills, etc.)
	Please list:
3	If a 1/2 day class1/2 day work program was recommended for your child during high school, would you consider such a program? YES NO
4	What do you see your child doing after high school? (circle one)
	College
	Junior College
	Military
	Trade School
	Skilled employment (mechanic, welder, carpenter, etc.)
	Semi-skilled employment (grocery store, restaurant, factory, construction labor, etc.)
	Other
!	. List two jobs which you think your child could succeed at and enjoy.
	Parent Signature
	Date

Developed by the Tri-County Cooperative, Commerce, TX 75428 Source: *Vocational Assessment of Students With Special Needs*, Texas Education Agency, Project No. 11230049, 1982.



PARENT INTERVIEW FORMAT

AWARENESS OF SON/DAUGHTER'S HANDICAP:

- 1. Deny it
- 2. Ignore it/indifferent
- 3. Realistic attitude
- 4. Hypersensitive/overprotective

FAMILY:

- 1. Are you able to have meaningful talks about future vocational plans?
- 2. Does your son/daughter take your advice?
- 3. Does your son/daughter trust your insight?
- 4. Are you the strongest influence in your child's life?
- 5. Does your son/daughter respect your opinion?
- 6. Now that your child is reaching adulthood, how are things going regarding your everyday relationship?

FUNCTIONAL SKILLS:

- 1. If necessary could your son/daughter live on his/her own?
- 2. What household chores can he/she perform well?
- 3. Does your son/daughter shop for food, clothing, gifts, magazines, etc.?
- 4. Can your child use a telephone, read and order from a menu, or use public transportation?

EDUCATIONAL ASPIRATIONS:

- 1. What kind of high school program would you like your child to take?
- 2. What kind of skills would you like your son/daughter to learn in school (e.g. math, reading, independence, mechanical)?
- 3. What area of your son/daughter's education needs the most improvement?
- 4. What changes would you like to see in your child's current course of instruction?

VOCATIONAL ASPIRATIONS:

1.	What do	you see	your	child	doing	after	high	school?
----	---------	---------	------	-------	-------	-------	------	---------

College/Junior College

Military

Trade School

Skilled Employment

Semi-Skilled Employment

Other

2. List	three jobs whi	ch you think yo	our son/daugh	ter could s	succeed at	and would e	njoy.	
					_			

OVERALL EXPECTATIONS:

- 1. High
- 2. Low
- 3. Indifferent
- 4. Unrealistic



Date:		

PARENT INTERVIEW

Parent/Guardian:	
Student's Name:	
Address:	
Siblings (age):	
AWARENESS OF SON/DAUGHTER'S HANDICAP:	
FAMILY:	
FUNCTIONAL SKILLS:	
EDUCATIONAL ASPIRATIONS:	
-	
VOCATIONAL ASPIRATIONS:	



OVERALL EXPECTATIONS:			
			<u>-</u>
		_	
ADDITIONAL COMMENTS:			
			
·			
	<u> </u>		·
	Completed by:		



SAMPLE FORM D

TEACHER INTERVIEW FORM



TEACHER INTERVIEW FORMAT

COGNITIVE DOMAIN includes, but is not limited to,

- 1. General learning ability
- 2. Follows directions (all types)
- 3. Profits from experience or repetition
- 4. Retains instructions or concepts
- 5. Problem-solving ability (logic)

AFFECTIVE DOMAIN includes, but is not limited to,

- 1. Emotional stamina (coping skill)
- 2. Interpersonal relationships (peer & authority)
- 3. Self-confidence (esteem)
- 4. General attitude
- 5. Temperament

WORK BEHAVIOR includes, but is not limited to,

- 1. Motivation/initiative
- 2. Organization (plans work)
- 3. Attention span/concentration
- 4. Appropriate conduct
- 5. Persistence

LEARNING STYLE includes, but is not limited to,

- 1. Visual learner/demonstration
- 2. Auditory learner
- 3. Individual or group learner
- 4. Hands-on/by experience
- 5. Paper/pencil



TEACHER INTERVIEW

Teacher's Name:			
Student's Name:	School:		
Class/Program:	Contact/Day	/	Hrs
<u> </u>			
AFFECTIVE DOMAIN:		-	
WORK BEHAVIOR:		_	
ADDITIONAL COMMENTS:			
	Completed by:		

Source: Thomas M. Kennedy, Intermediate School District, St. Clair County, 499 Range Road, P.O. Box 5001, Port Huron, Michigan, 48061-5001



SAMPLE FORM E

VOCATIONAL ASSESSMENT REPORT FORMS



ASSESSMENT SUMMARY AND PROGRAM PLANNING FORM

Stuc	dent's Name: Date:			
		GENERAL IN	FORMATION	
l. E	xpressed Vocational Interest(s) ar	nd Inventory Re	sults:	
_	Instrument (e.g. interest inventory, a	aptitude test)	Summary	of Results
-				
-				
II.	Commercial Work Sample Experie	nces	Summ	ary of Performance
•	Work Sample		Guilli	lary of Ferrormanoo
111.	Informal Work Sample Experience	es		
	Vocational Program Area/Job Tit	e Work S	ample Title/Description	Summary of Performance
IV.	. Vocational Program Tryout Expe	eriences		
	Vocational Program	Length of Time	Tasks Completed	Summary of Performance



V. Situational As ssment

Assessme	nt Activity (Name, Descrip	tion) Learner Strengths	<u>Learne</u>	r Weaknesses
-				
				
Student Prefer	rred Learning Style(s)			
II. Academic Leve	ls: Reading			
	Math			
	Language/Commu	unication		
	Other			
		ANALYSIS OF INFORMATI	ON	
Learner Strength	ns or Assets			
l earner Weakn	esses or Deficiencies			
Learner Weakn	esses or Deficiencies _			
<u> </u>				
II. Recommended	Placement			
II. Recommended	Placement		ogram)	
II. Recommended 1. Post Sec 2. Regular	Placementcondary/Community Coll	ege Program (specify) minor modifications (specify pr	ogram)	
1. Post Sec 2. Regular v 3. Work Ex	Placement condary/Community Coll vocational program with perience/Coop Program	ege Program (specify) minor modifications (specify program areas)	ogram) ea)	
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (specitional skills training skills training skills training (specitional skills training skil	ege Program (specify) minor modifications (specify program areas) cify)	ogram) ea)	
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (sp	ege Program (specify) minor modifications (specify program areas) cify)	ogram) ea)	
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat 6. Commun	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (specitional skills training skills training skills training (specitional skills training skil	ege Program (specify) minor modifications (specify program areas) becify program areas) cify) specify)	ogram) ea)	
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat 6. Commun	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (specification skills training (specification worksite/job tryout (stational skills training (specification)	ege Program (specify) minor modifications (specify program areas) cify) specify at is recommended) Suggested Strategies	ogram) ea)	
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat 6. Commun	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (specification skills training (specification worksite/job tryout (stational skills training (specification)	ege Program (specify) minor modifications (specify program areas) pecify program areas) cify) specify) at is recommended)	ogram) ea)	
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat 6. Commun	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (specific vocational skills training (specific vocational structure) of the placement of the program of the placement	ege Program (specify) minor modifications (specify pr (specify suggested job site ar pecify program areas) cify) specify) st is recommended) Suggested Strategies for Delivering Content (Match to Learning Style)	ogram)ea)	Support Services/
1. Post Sec 2. Regular v 3. Work Ex 4. Further v 5. Prevocat 6. Commun	Placement condary/Community Coll vocational program with perience/Coop Program vocational exploration (specific vocational skills training (specific vocational structure) of the placement of the program of the placement	ege Program (specify) minor modifications (specify pr (specify suggested job site ar pecify program areas) cify) specify) st is recommended) Suggested Strategies for Delivering Content (Match to Learning Style)	ogram)ea)	Support Services/

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		Da	ate:	
Level 1 Level 2 Level 3				
VOCATIO	NAL ASSESS	SMENT REPO	ORT	
. IDENTIFYING DATA:				
Name:	_ School:			irade:
Address:	Phone:			_ CA:
Referred By:	Assessed B	y:		
II. REFERRAL QUESTION:				
III. EDUCATIONAL RECORDS (vocationally s	significant):			
Transcript				
Related Courses	Grade		Teacher	
Helated Courses	Glade		Teacher	
Achievement/Aptitude Testing				
Test/Subtest	Score	Below Aver.	Average	Above Averag
				_
				
		!		
Michigan Educational Assessment Prog Reading Objectives out of _ Skill Areas: Strongest Weakest				



Reading-Grade Le	vel: Date:	Math-G	irade Level:	_ Date:
WISC-R-Date:	Verbal IQ:	Performance IQ:	Full Scale IQ:	
Significant	Subtest Information:			
		 1:		
·				
Other Test Results:_				<u></u>
Apparent Strengths (
Apparent Weaknesse				
Short Term Objective	es (IEP):			



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				_
arent:				
aronc				
·				
			· · · · · · · · · · · · · · · · · · ·	
Teacher:				
. • • • • • • • • • • • • • • • • • • •		-		.
				
_				
Conclusions/Assessment Questions	·			
Conclusions/Assessment Questions	S:			
Conclusions/Assessment Questions	3:			
Conclusions/Assessment Questions	S:			·
Conclusions/Assessment Questions	3:			
Conclusions/Assessment Questions	S:			



VI. INDEPENDENT LIVING SKILLS

	Much Improvement Needed	Some Improvement Needed	Acceptable	Very Good	Not Assessed
Food and Clothing					
Money and Finance					
Grooming and Hygiene					
Health and Safety					
Employability Skills					
AND LEADNING CTATE					<u> </u>
VII. LEARNING STYLE	Insignificant	Minor	Major	Not Assessed	
Visual Language				_	
Visual Numerical					4
Auditory Language		<u> </u>		ļ	-
Auditory Numerical		ļ		<u> </u>	4
A/V Kinesthetic			<u> </u>	<u> </u>	4
Social: Individual					
Group					
Expressive:			ļ -		
Oral]
Written			<u> </u>		_

Source: Thomas M. Kennedy, Intermediate School District, St. Clair County, 499 Range Road, P.O. Box 5001, Port Huron, Michigan, 48061-5001



NORTHEAST OAKLAND COUNTY VOCATIONAL ASSESSMENT REPORT LEVEL 1

. .	e:			ate:		
	ool:			rthdate:		
Eval	uator:			Grade:		
Gen	eral Information:					
EDU	DUCATIONAL RECORDS (vocationally significant):					
A.	Vocational Courses		Course Grade	Year/Grade Level		
B.	Achievement/Aptitud	le Testing				
	Name and Date of T	est:				
	Test Results:					
			_			
			ade score, and star			
C.						
C.	(Includ					
	(Include Medical Information	de age score, gr				
	(Includ	de age score, gr				
	(Include Medical Information	de age score, gr	ade score, and star			
SP A.	Medical Information ———————————————————————————————————	de age score, gr	ade score, and star	ndard scores)		
SP A. B.	Medical Information ECIAL EDUCATION DA Current Certification Recent Individual Ac	ATA: chievement Tes	ade score, and star	ndard scores)		
SP A. B.	Medical Information ECIAL EDUCATION DA Current Certification Recent Individual Ad Jame and Date of Test:	ATA: chievement Tes	ade score, and star	ndard scores)		
SP A. B.	Medical Information ECIAL EDUCATION DA Current Certification Recent Individual Ad Jame and Date of Test: WISC-R:	de age score, grande age score	ade score, and star	ndard scores)		
SP A. B.	Medical Information ECIAL EDUCATION DA Current Certification Recent Individual Ad Jame and Date of Test: WISC-R:	ATA: chievement Test	ade score, and star	ndard scores)		
SP A. B.	Medical Information ECIAL EDUCATION DA Current Certification Recent Individual Ad Jame and Date of Test: WISC-R: Date	de age score, grande age score	ade score, and star t Scores Performance	ndard scores)		



NORTHEAST OAKLAND COUNTY VOCATIONAL ASSESSMENT REPORT LEVEL 2

1.	IDENTIFYING DATA:					
	Name:	Date:				
	School:	Birthdate:				
	Evaluator:	Grade:				
	General Information:					
II.	WORK HISTORY AND INTERESTS:					
	B. Hobbies/Leisure Interests: C. Interests Expressed:					
111.	INTERVIEWS:					
	Student: Parent (Optional): Teacher: Comments:	Date:				
	<u> </u>					
IV.	BEHAVIOR OBSERVATION: Name of Instrument: Comments/Results:	Date:				
V.	VOCATIONAL APTITUDE TESTING: GATB MESA Hester	VI. Reading Level: Math Level: Test Used & Date:				
	OtherResults:	Other:				
VII.	CONCLUSIONS/RECOMMENDATIONS:					
	A. Vocational Placement Home school program Area vocational center Special Ed./Vocational Ed. Program Individual vocational training Refer for Level II - NEOVAL Other	B. Name of Program				



NORTHEAST (JAKLAND VOCATIONAL ASSESSMENT LAB REFERRAL FORM - LEVEL 3 VOCATIONAL ASSESSMENT

SCHOOL PORTION Birthdate Grade Student's name Home phone City, State, Zip Address Work phone Address (if different) Parent's or Guardian's Name School presently attending School District of Residence Current Certification: _____ (Secondary) (Primary) Date Signature of Director of District Designee PARENT PORTION Please complete the following information which is necessary to complete your son /daughter 's vocational assessment: Medical Limitations Emergency phone number ____ (Where someone can be reached during school hours) Date Signature of Parent **NEOVAL** Send Referral Data to: 1371 North Perry Pontiac, MI 48055 Telephone: (313) 857-8489 (Attach recent copies of psychological and other pertinent school records)



Source: Northeast Oakland Vocational Education Center, Pontiac, Michigan

Signature of Vocational Evaluator ______

_____ Date _____

VOCATIONAL ASSESSMENT REPORT FORM

Stude	ent:						
Asse	ssed by:		Date:				
۱.	INTERESTS: Measured	Highest	_	L	owest		<u> </u>
	Instrument		_				
	Expressed						
	Manifest						
11.	APTITUDES:	Cognitive Development	MOT 1	2	3	High 4	Not Assessed
	Reasoning -					_	
	Moona loa						1005.
		Perceptual/Motor Ability	Seriously Deficient	Deficient	Acceptable	Very Good	Not Assessed
	Spatial Relat	ions					
	•	otion		<u> </u>		<u> </u>	<u> </u>
		ception				 	
		lination					1
	ringer bexil	enty		+	+	$\overline{}$	



Manual Dexterity

III. WORK BEHAVIORS:		Much Improvement Needed	Some Improvement Needed	Acceptable	Very Good	Not Assessed
Motivation						
Grooming/Hygiene _						
Temperament _		<u> </u>				
Relationship w/Co-workers _		\				
Relationship w/Authority			-			
Relationship w/Self			-		_	
Relationship w/Work Environi	ment		1 1			<u> </u>
IV. PHYSICAL CAPACITY:		Seriously Deficient	Deficient	Acceptable	Very Good	Not Assessed
Strength (max. lift)	lbs.					
Climb and Balance						
Stoop, Kneel, Crouch, Crawl						
Reach, Handle, Finger, Feel						
Talking (articulate)						
Hearing (sensory)						
Seeing (acuity, field, color)						
		•				•
V. ENVIRONMENTAL TOLEF	RANCE:	2	Yes	Not Assessed		
Inside Work			 	 	1	
Outside Work		1	+		1	
Cold		+	-	 	┨	
Heat		+-	+		1	
Noise/Vibration			 	<u> </u>	-	
Hazards		1		<u>l</u>	J	

Source: Unknown



SAMPLE FORM F

BILINGUAL VOCATIONAL PROGRAM STUDENT REFERRAL FORM

PROJECT ACCESS

BILINGUAL VOCATIONAL PROGRAM STUDENT REFERRAL FORM

	Stude	nt's Name:				
		Division:				
Vocation	al Educatio	n Course:				
		Teacher:				
	N FOR REF					
	Student un	derstands little or no instruction in English.				
	Student ur	derstands instructions but cannot respond in English to questions.				
	Student ha	as difficulty with the concepts of the lessons due to language interference.				
	Student has difficulty with the basic reading materials of the course.					
	Student ha	as difficulty with the terminology of the subject matter.				
	Student is hesitant to participate in class activities due to language interference.					
	Other					
	-					
	-					
	•					
Please	check app	ropriate level:				
	Level 1:	The individual does not speak, understand, or write English but may know a few isolated words or expressions.				
	Level 2:	The individual understands simple sentences in English, especially if spoken slowly, but does not speak English, except isolated words or expressions.				
	Level 3:	The individual speaks and understands English with hesitancy and difficulty. With effort and help, the student can carry on a conversation in English, understand at least parts of lessons, and follow simple directions.				
	Level 4:	The individual speaks and understands English without apparent difficulty but displays low achievement indicating some language or cultural interference with learning.				

Source: Project Access, Juarez High School, Chicago, IL.



APPENDIX A

FORMAT FOR DEVELOPING A WORK SAMPLE



FORMAT FOR DEVELOPING A WORK SAMPLE

Development of a Work Sample for Vocational Performance Screening Assessment

- 1. Select or state a vocational area or areas.
- 2. List and briefly describe five or more of the most common types of jobs into which your vocational program places students.
- 3. Rank order these jobs from most frequent to least frequent.
- 4. Select the top three jobs and completely task analyze these three jobs, listing all of the performance tasks involved.
- 5. Select and list three similar tasks that occur in each of the three jobs.
- 6. Motor skill requirements--provide a detailed analysis of the manual dexterity, eye-hand coordination, and motor functions required of a worker for successful completion of the three previously selected tasks.
- 7. Specify the equipment, materials, and supplies necessary for the completion of each of the three tasks.
- 8. Determine an acceptable rate of performance for each of the tasks.
- 9. Determine how you will measure or rate performance in each of the three tasks.
- 10. Describe the student, or type of handicapped or disadvantaged student, with which this work sample will be used.
- 11. Describe in detail how you would teach each of the three tasks to the student, prior to his performance evaluation.

Source: George Zenk, Business and Vocational Education. University of North Dakota. 1982.



APPENDIX B

SITUATIONAL ASSESSMENT CHECKLIST



SITUATIONAL ASSESSMENT CHECKLIST

Student:	 	
Date:	 	
Observer(s):		
Job Task:	 	

Observation	Rating					
	Excellent	Satisfactory	Needs Improvement			
1. Work Habits						
2. Punctuality	· ·	1				
3. Manipulation, coordination, dexterity			1			
4. Personal grooming/hygiene			1			
5. Ability to work unsupervised						
6. Ability to work under pressure						
7. Eye-hand coordination						
8. Speed, accuracy, and precision						
9. Strength						
10. Consistency in performing task(s)			ļ			
11. Work tolerance/endurance			1			
12. Understanding and following safety rules						
13. Fine motor skills			1			
14. Gross motor skills			1			
15. Ability to work with others			į			
16. Concentration			1			
17. Reaction to job/task changes						
18. Adjustment to repetitive tasks						
19. Ability to follow directions			1			
20. Quantity of work performance	ĺ	İ				
21. Quality of work performance	†					
22. Work attitude		ŀ				
23. Initiative						
24. Motivation		•	İ			
25. Accepts constructive criticism						
26. Accepts constructive authority						
27. Concentration						
28. Communication skills (speech)			i i			
29. Completes assigned tasks			1			
30. Follows directions		Ĭ				
31. Remembers verbal directions			1			
32. Assumes responsibility		1	Ì			
33. Attention span		1				
34. Care of equipment and materials						
35. Frustration tolerance						
36. Perseverance						
37. Thoroughness						
07. Hiorodynness						

Comments:

Recommendations:

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APPENDIX C

CULTURAL APPROPRIATENESS RATING CRITERIA



CULTURAL APPROPRIATENESS RATING CRITERIA

Directions

In this category the rater should assess the cultural appropriateness of the test directions administered to the child. Concepts reflected in the directions should be comprehensible and clear. A rating will be given based on the following system:

- 0 = No manual
- 1 = Incorrect, major mistakes in translation
- 2 = Incorrect, several instances where there is need for retranslation
- 3 = Acceptable, but still likely to have questions from child
- 4 = Very acceptable, no problems anticipated

Item Content

Evaluation within this category centers on the cultural appropriateness of the test items. Of critical concern is whether the conceptual and behavioral elements expressed in each item are compatible with the cultural background of students for whom the instrument was assigned. A rating will be applied based on the following:

- 1 = Inappropriate, major mistakes in concepts
- 2 = Acceptable, but several items require elimination or revision
- 3 = Acceptable, almost no items require elimination or revision
- 4 = Very acceptable, no items require elimination or revision

Vocabulary

The cultural appropriateness of semantic content in test items is also to be assessed. Rater should check to see that the language used is neither too formal nor too informal and that regional differences in language don't discriminate unfairly between one subgroup and another of a given language. A rating will be based on the following:

- 0 = Not utilized
- 1 = Incorrect, consistently poor choice of words throughout items
- 2 = Acceptable, but several items should be revised
- 3 = Acceptable, alternatives might be chosen but otherwise OK
- 4 = Very acceptable, no changes required

Illustrations

In this category, the rater is asked to judge the cultural implications of pictorial and graphic elements of the instrument. Items should be easily identifiable by children of the culture for whom the instrument was designed. The following scale will be used:

- 1 = Inappropriate, most illustrations reflect one culture
- 2 = Acceptable, some illustrations need to be eliminated or changed
- 3 = Acceptable, almost no illustrations require change
- 4 = Very acceptable, no illustrations require change

Format

Attention should be given to the cultural appropriateness of an instrument's visual design. This means taking into consideration the positioning of test items and the spacing allowed between test items in both the test booklet and the answer sheet. Here, care should be taken to distinguish between weak layouts that would penalize all children equally and culturally biased layouts that would penalize children of a specific culture. The following scale will be used:

- 1 = Inappropriate, requires major changes in layout design
- 2 = Acceptable, some changes are required
- 3 = Acceptable, a few changes are needed
- 4 = Very acceptable, no changes are necessary



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Procedures

This category addresses the overall quality of cultural appropriateness in testing procedures, including the competitive mode of timed instruments, the time allowed for test administration and the type of response desired. The following scale will be used:

- 1 = Inappropriate, major flaws in procedures
- 2 = Acceptable, several procedures need revision
- 3 = Acceptable, almost no procedures require revision
- 4 = Very acceptable, no procedural changes are required

Source: Juarez High School

ERIC Provided by ERIC

APPENDIX D

ASSESSMENT INSTRUMENTS AND PUBLISHERS



ASSESSMENT INSTRUMENTS AND PUBLISHERS

AAMD Adaptive Behavior Scale - School Edition American Association on Mental Deficiency

Adaptive Behavior Evaluation Scale Hawthorn Educational Services

APTICOM

Vocational Research Institute

APTICOM Occupational Interest Inventory Vocational Research Institute

Aptitude-Based Career Decision Test (ABCD Test) Educational Technologies, Inc.

Aptitude Tests for Occupations (ATO)
Pro-Ed

Armed Services Vocational Aptitude Battery Department of Defense

Basic Academic Skills for Employment Educational Technologies, Inc.

Basic English Skills Test Northwest Educational Cooperative

Basic Inventory of Natural Language (BINL) Checkpoint Systems

Bennett Hand Tool Dexterity Test Psychological Corporation

Bennett Mechanical Comprehension Test Psychological Corporation

Bilingual Oral Language Tests (BOLT) Bilingual Media Productions



Bilingual Vocational Oral Proficiency Test Melton Book Company

Brigance Comprehensive Inventory of Basic Skills Curriculum Association, Inc.

Brigance Diagnostic Inventory of Essential Skills Curriculum Associates, Inc.

California Achievement Test CTB/McGraw-Hill

California Occupational Preference System EDITS

California Occupational Preference System II EDITS

Canfield Learning Styles Inventory - Form E Liberty Drawer

Career Ability Placement Survey (CAPS)
Bureau of Educational Measurements

Career Assessment Inventory NCE Interpretive Scoring Systems

Career Assessment Survey Exploration (CASE)
American Assessment Corporation

Career Evaluation System Career Evaluation Systems, Inc.

Career Guidance Inventory Educational Guidance, Inc.

Career Maturity Inventory CTB/McGraw-Hill

Choice Work Samples
Career Research Corporation



Comprehensive Ability Battery
Institute of Personality and Ability Testing

Comprehensive English Language Test (CELT) McGraw-Hill International Book Company

Comprehensive Test of Basic Skills CTB/McGraw-Hill

Computer Aptitude, Literacy, & Interest Profile Pro-Ed

Computer Operator Aptitude Battery Science Research Associates, Inc.

Computer Programmer Aptitude Battery Science Research Associates, Inc.

Conceptual Understanding of Blind Evaluation Valpar International, Inc.

Crawford Small Parts Dexterity Test Psychological Corporation

Degrees of Reading Power DRP Services

Detroit Tests of Learning Aptitude American Guidance Service

Differential Aptitude Test (DAT)
Psychological Corporation

Diagnostic Reading Scales CTB/McGraw-Hill

Dvorine Color Vision TestsPsychological Corporation

Elwyn Remedial Inventory One - 1971 Elwyn Institutes



Employability Attitudes Educational Technologies, Inc.

English as a Second Language Oral Assessment Literacy Volunteers of America, Inc.

English Language Skills - Assessment in Reading Context (ELSA) Newbury House Publishers, Inc.

Farnsworth Dichotomous Test for Color Blindness Psychological Corporation

Foyer Vocational Survey Western Psychological Services

Gates-MacGinitie Reading Test - Survey F Houghton Mifflin Company

Geist Picture Interest Inventory Western Psychological Services

General Aptitude Test Battery U. S. Department of Labor

General Clerical Test Psychological Corporation

GOE Interest Survey Valpar International, Inc.

Gordon Occupational Checklist II Psychological Corporation

Harrington-O'Shea System for Career Decision-Making American Guidance Service

Ilyin Oral Interview
Newbury House Publishers, Inc.

Interest-Based Career Decisions
Pro-Ed



Interest Determination and Exploration System (IDEAS) National Computer Systems

Iowa Test of Basic Skills 1988
Bureau of Educational Measurements

Jackson Vocational Interest Survey Research Psychologists Press

Jewish Employment Vocational Service - Work Sample System Vocational Research Institute

Job Search
Educational Technologies, Inc.

Kaufman Test of Educational Achievement American Guidance Service

Key Educational-Vocational Assessment System Key Education, Inc.

Key Math Diagnostic Arithmetic Test American Guidance Service

Kuder General Interest Survey - Form E Science Research Associates, Inc.

Kuder Occupational Interest Survey - Form DD Science Research Associates, Inc.

Kuder Preference Record - Vocational (Kuder C, Kuder E) Science Research Associates, Inc.

Language Assessment Battery (LAB) Riverside Publishing Company

Language Assessment Scales (LAS) Linguametrics Group

McCarron-Dial Work Evaluation System McCarron-Dial Systems



MESA Short Form 2 Valpar International, Inc.

Meyers-Briggs Type Indicator Consulting Psychologists Press, Inc.

Metropolitan Achievement Test Psychological Corporation

Michigan Test of English Language Proficiency English Language Institute

Microcomputer Evaluation of Career Areas (MECA) Conover Company

Microcomputer Evaluation and Screening Assessment (MESA) Valpar International, Inc.

Micro-Tower
ICD Rehabilitation and Research Center

Minnesota Clerical Test Psychological Corporation

Minnesota Importance Questionnaire Vocational Psychological Research

Minnesota Paper Form Board Test - Revised Psychological Corporation

Minnesota Rate of Manipulation Test - Revised American Guidance Service

Minnesota Spatial Relations Test - Revised American Guidance Service

Minnesota Vocational Interest Inventory Psychological Corporation

Mobile Vocational Evaluation Hester Evaluation Systems, Inc.



Nelson-Denny Reading Skills - Forms C & D Riverside Publishing Company

Occupational Aptitude Survey and Interest Scales (OASIS)
Pro-Ed

Ohio Vocational Interest Survey Harcourt, Brace, Jovanovich, Inc.

P--ACT +
American College Testing Program

Peabody Individual Achievement Test American Guidance Service

Peabody Picture Vocabulary Test American Guidance Service

Pennsylvania Bimanual Work Sample American Guidance Service

Personnel Tests for Industry - Oral Directions Test Psychological Corporation

Phoenix Ability System
Hester Evaluation Systems, Inc.

Picture Interest and Exploration Survey Education Achievement Corporation

Pictorial Inventory of Careers - Vocational Talent Assessment, Inc.

PREP Work Samples Educational Technologies, Inc.

Prevocational Assessment and Curriculum Guide Exceptional Education

Prevocational Assessment Screening (PAS)
Piney Mountain Press, Inc.



PRG Interest Inventory for the Blind Nevil Interagency Referral Service

Purdue Pegboard Science Research Associates, Inc.

Raven Progressive Matrices Psychological Corporation

Revised Beta Exam - 2nd edition Psychological Corporation

Reading Free Vocational Interest Inventory American Association on Mental Deficiency

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APPENDIX F

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