

DOCUMENT RESUME

ED 117 421

95

CE 006 066

TITLE Resource Guide to Career Education in Colorado.
 INSTITUTION Colorado State Facilitator Project, Longmont.
 SPONS AGENCY Office of Education (DHEW), Washington, D.C.
 PUB DATE Mar 75
 NOTE 74p.

EDRS PRICE MF-\$0.83 HC-\$3.50 Plus Postage
 DESCRIPTORS *Career Education; Educational Programs; Elementary Education; Post Secondary Education; *Program Descriptions; *Resource Guides; *School Districts; Secondary Education; *State Surveys
 IDENTIFIERS *Colorado; Elementary Secondary Education Act Title III; ESEA Title III

ABSTRACT

The resource guide to Colorado career education programs offers information on more than 50 school programs, obtained from a number of sources including a statewide assessment instrument administered by the 1974 Colorado State facilitator project and the Colorado Department of Education. It is not intended to be comprehensive. Information concerning the efforts of higher education was obtained through written inquiries to all Colorado postsecondary institutions and was compiled by the Office of the State Coordinator for Career Education. The elementary and secondary school career education programs are described in one-page formats which include: (1) school district, program title, grade level, population, and cost per pupil; (2) objectives, narrative description, and evaluation methods; and (3) availability of materials, special requirements, and information source. Postsecondary institutions were requested to indicate what resources they could provide for school districts or school personnel in career education. Their responses are listed, giving the on- and off-campus courses related to career education, the names of resource people, and any materials or other resources available through that institution. State career education resources are listed separately. A page of information on the 306 ESEA Title III Colorado State Facilitator Project is appended. (Author/AJ)

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RESOURCE GUIDE
TO CAREER EDUCATION IN COLORADO

U S DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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**Resource Guide
to Career Education
in Colorado**

Published By
COLORADO STATE FACILITATOR PROJECT
830 S. Lincoln
Longmont, Colorado 80501
Telephone 772-8580
March 1975

ACKNOWLEDGEMENTS

This publication was the result of co-operative efforts between the Colorado State Facilitator Project, the Office of the State Co-ordinator for Career Education and the contributing districts and agencies. We would like to express our appreciation to the districts, post-secondary institutions and agencies who took the time to provide information on their activities.

Special thanks are due to Jeanne Werschke and Dr. Arvin Blome of the Colorado Department of Education for their help and support.

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INTRODUCTION

This publication is intended to serve as a resource to educators in Colorado interested in career education. It is hoped that the creative work of individual districts, institutions of higher education and other educational agencies will provide a valuable resource to people in career education. It is felt that through a co-operative interchange of ideas, models, practices and materials that career education can progress more rapidly and efficiently in Colorado.

The information in this book is not comprehensive of all career education efforts in Colorado. The information was obtained from a number of sources. The program information was obtained from projects reported through a state-wide assessment instrument administered by the Colorado State Facilitator Project in the Fall of 1974 and through other programs identified by the Colorado Department of Education. The programs reported are those that provided the necessary information on their projects.

Information concerning the efforts of higher education in the area of career education was obtained through written inquiries to all post-secondary institutions in Colorado.

Information of the State Board for Community Colleges and Occupational Education, Colorado Department of Education and Colorado Commission on Higher Education was compiled by the Office of the State Co-ordinator for Career Education.

It is requested that anyone interested in further information on any of the district programs listed first contact the Colorado State Facilitator Project at the address listed below. The State Facilitator Project personnel will help to provide additional information and/or to arrange appropriate exploratory activities for interested districts. Districts and/or agencies now conducting programs or providing services in career education are invited to submit appropriate descriptions to the State Facilitator Project for inclusion in future dissemination activities. A description of the functions of the Colorado State Facilitator Project is included in the appendix.

ESEA TITLE III
COLORADO STATE FACILITATOR PROJECT
830 SOUTH LINCOLN
LONGMONT, COLORADO 80501

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Academy 20

PROGRAM TITLE

Shadow System

GRADE LEVEL

9

POPULATION

40-50 optimum

COST PER PUPIL

not available

OBJECTIVES

1. To build positive student self-concepts
2. To show relevancy of education to success in the world of work
3. To help students develop career interests
4. To motivate students to attend and complete high school
5. To help students better identify a range of vocational interests and abilities.

NARRATIVE

It was felt that high school was frequently too late for students to begin exploration of careers. Many times students get into high school and become involved in programs or courses which really do not interest them. Students frequently feel that their time is being wasted and their choices narrowed by selecting courses too early. The experience offered in 9th grade consists of a week's work experience and a week's experience at El Paso Community College. The student, his parents, and teacher, in a conference, identify some career interests. When a student has decided on his area, his teachers go out in the community and get him a job in that field. The students work for experience only. Alternating with that week is a week of visiting classes at El Paso Community College.

EVALUATION

Teachers visit the students on the job and visit with the student and his/her employer. The student, teacher, employer and parent all fill out evaluation forms. In its second year, the program has proven very successful.

AVAILABILITY OF
MATERIALS

Strong-Campbell Interest Inventory; General Aptitude Test Battery

SPECIAL
REQUIREMENTS

All parents must sign a permission form. All students must take the interest inventory and aptitude test. Students and parents must attend the pre-work experience conference.

INFORMATION
SOURCE

H. Ray Jones, Air Academy Junior High School

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Boulder Valley RE-2

PROGRAM TITLE

GRADE LEVEL

K-12

POPULATION

21,716 students

COST PER PUPIL

Negligible

OBJECTIVES

To assist in the implementation of Career Education on a building basis and to infuse Career Education into the district curriculum through efforts with the subject area co-ordinators.

NARRATIVE

The original effort included one pilot junior high school and its six feeder elementary schools. Each of the seven schools was in-serviced and has continued to implement Career Education concepts in the past two years. Last year the in-service continued at several other elementary schools and one senior high with intensive follow-up work being continued throughout the district. The 1974-75 school year has included further in-servicing of secondary teachers with follow-up service being provided for all teachers in the district. Sixty to seventy percent of the schools in Boulder are involved at some level.

EVALUATION

The Career Education philosophy is a viable force throughout the Boulder Valley schools. Community support is greater than could have been anticipated and lends tremendous credence to the effort.

AVAILABILITY OF
MATERIALS

Descriptive narratives available.

SPECIAL
REQUIREMENTS

In-depth in-service

INFORMATION
SOURCE

Harrell Guard, Director, Career Education In-Service
Boulder Valley Administration Building, Boulder 80302
Mary Goldan, Career Education Counselor, Boulder Valley
Schools, P.O. Box 11, Boulder 80302

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Boulder Valley

PROGRAM TITLE

Career Education Units Resource File

GRADE LEVEL

10-12

POPULATION

Boulder HS students

COST PER PUPIL

\$.24

OBJECTIVES

1. To locate Career Education Instructional Units which personnel in the Denver metropolitan area have been developing through Career Education classes, special grants, or through special career education projects during the past two years.
2. To acquire from one to three career-related instructional units for each department at Boulder HS. The over-all number will depend upon the number of units available.
3. To consolidate and file the instructional units in the Library and make them available to each Boulder HS teacher.

NARRATIVE

The purpose of this project is to survey personnel in the secondary schools in the Denver metropolitan area to ascertain which kinds of Career Education instructional units have been developed recently, to seek them out, to reproduce or purchase those units which are available to us, and to consolidate them in a library resource file for use by classroom teachers at Boulder HS. In addition, these materials will be made available for other schools in this area to review and reproduce at their expense.

EVALUATION

Evaluation and achievement of the goals and objectives will be based on the number of school districts, schools and secondary teachers contacted as evidenced by copies of letters written or through a record of telephone calls made to those contacted. Records will be available to indicate which career-related instructional units entered in the HS file will be submitted at the time of the completion of the project (within one year).

AVAILABILITY OF
MATERIALS

Materials will be available after September 1975.

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

Norma Hefling and Mary Cahatsey
Boulder High School

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Cheyenne Mountain

PROGRAM TITLE

GRADE LEVEL

9

POPULATION

All 185 9th-graders

COST PER PUPIL

No significant additional instructional cost. May want to enlarge media and resources available.

OBJECTIVES

To acquaint the students with a variety of occupations and provide them opportunities to explore in depth two which might be of interest.

NARRATIVE

This 9-10 week program is integrated into the Language Arts program. The two counselors go into the classes of the two 9th-grade English teachers and carry out the program with their co-operation. The Ohio Vocational Interest Survey is given and students receive feedback on areas of high-low interest. Students then complete an extensive personal survey of interests which is locally-developed. Each student then does research on two occupations in terms of preparation, activities, employment opportunities, etc., and spends at least one day on the job, if a site is available. A Career Day featuring community speakers is the culmination of the unit. A resource collection in the Media Center is being developed.

EVALUATION

No formal evaluation has taken place; however, over 98% of the students last year expressed enthusiasm over the program and Career Day. Subjective student feedback has also been good.

AVAILABILITY OF
MATERIALS

Copies of the Individual Assessment and Job Assessment are available through the Cheyenne Mountain JHS Counseling Department.

SPECIAL
REQUIREMENTS

1. Teachers in a discipline willing to share class time
2. Administration backing for the program
3. Counselors able to deal with the area
4. It would be helpful to have an institution such as the El Paso Community College available as a resource

INFORMATION
SOURCE

Leslie Pearce, Cheyenne Mountain JHS Counselor

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Colorado Springs

PROGRAM TITLE

GRADE LEVEL

K-12

POPULATION

17,881 elementary students; 16,375 secondary students

COST PER PUPIL

\$1700 Central Office budget

OBJECTIVES

To provide opportunities which will enable each child to develop self-worth and to become aware of his intellectual, moral, social, creative, vocational, avocational and physical potentials in order to prepare him for accepting the responsibilities of selecting options, making decisions, setting goals and evaluating his progress. To provide the child with the opportunity to relate this educational experience to his emerging adult role so that he will become a productive member of society.

NARRATIVE

The Awareness phase is being implemented in grades K-5 and will include identification of appropriate and inappropriate behavior, awareness of the needs to get along with others and respect human dignity, recognition of cause and effect relationships in decision-making, self-awareness, knowledge of skills and implements required to complete occupational tasks, awareness of jobs within the family and the sphere of immediate community influence. The Exploration phase (6-8) continues the Awareness concepts; greater emphasis is placed on exposure to all levels of occupations through people-oriented field trips and exposure to resource people who give "official" data on jobs and "unofficial" data on feelings about jobs. The Experience phase (9-10) provides additional emphasis on information and hands-on real and simulated experiences, stressing sequential planning, adjustment and flexibility. The Preparation phase (11-12) provides either entry level or precision skills for chosen jobs. Preparation and placement are provided for either a job or continued higher education.

EVALUATION

No evaluation at present, but will be a part of overall design.
No materials available at present.

AVAILABILITY OF
MATERIALS

SPECIAL
REQUIREMENTS

Career Education people in buildings have good resources in either their libraries or career centers.

INFORMATION
SOURCE

William Liddle, Administrative Assistant, Colorado Springs
Public Schools

306. Colorado State Facilitator Project

SCHOOL
DISTRICT

Delta County 50

PROGRAM TITLE

Development of Social and Occupational Perception

GRADE LEVEL

Junior High School

POPULATION

All Delta County junior high school students

COST PER PUPIL

N/A

OBJECTIVES

1. To develop occupational materials and program them into the framework of the existing curriculum.
2. To develop new and innovative courses which relate directly to social and occupational understanding, adjustment and success.
3. To orient teachers and counselors to the complexities and demands of modern-day business and industry, thereby developing teacher growth and change of methodology.
4. To foster and develop communicative lines of rapport between rural and urban areas through the participation of business, industry and service organizations.
5. To develop scheduling and programs wherein the individual teacher and counselor become jointly involved in the assimilation, development and presentation of occupational information.
6. To develop and program social and occupational attitudinal materials relating to the work-a-day world, thereby creating within the student, teacher, counselor and community an appreciation of all occupations and their place and importance in the world of work, and a comprehensive understanding of the importance of human relations and of the attitudes and personal characteristics necessary for successful adjustment.

NARRATIVE

Programs are structured to promote occupational inquiry, investigation, participation and individual understanding; they are programmed so that they involve both the adult and teen-age populace of the community. The programs are integrated with the present curriculum wherein traditional subject matter can be readily recognized as the vehicle for a variety of meaningful vocations.

EVALUATION

N/A

AVAILABILITY OF
MATERIALS

Slide-tape presentations, instructional guides, bulletin board displays, local resource personnel directory, descriptive information on various businesses and industries, supplementary.

SPECIAL
REQUIREMENTS

Materials and in-service training of teachers and counselors.

INFORMATION
SOURCE

L. Livingston, Delta County School District 50

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Denver Public Schools

PROGRAM TITLE

EPIC

GRADE LEVEL

7-8

POPULATION

All 7th graders in pilot program at Henry JHS in 1974-75

COST PER PUPIL

N/A at present. Supplies will be higher than most programs and cost of labs will be initially as high as \$30,000, depending on equipment already available.

OBJECTIVES

To provide pupils with broad-based learnings rather than specific skill training in 10 career cluster areas emphasizing process rather than product.

NARRATIVE

The Exploratory Program in Careers (EPIC) replaces the present 7th and 8th-grade curricula in business education, home economics and industrial education with exploratory "hands-on" activities in the following clusters:

Business: Business Communication, Information Processing, and Merchandising

Home Economics: Food Management, Design and Production, and Health and Community Service

Industrial Education: Construction, Manufacturing, Electricity/Electronics and Transportation, Visual Communication

In grade 7, students become members of the EPIC Company to design and produce goods for sale using script as exchange. 7th-graders also work with the introductory clusters of activities. 8th-grade students will choose 4 nine-week units from the three areas for concentration during their second year in the program.

EVALUATION

The Career Maturity Inventory Instrument is being used in a pre-test and posttest design (McGraw-Hill). Student attitude surveys indicate positive student reaction. DPS Research Department will have data available and analyzed by July, 1975.

AVAILABILITY OF
MATERIALS

By May 1975 equipment lists will be available for each of the 10 modules (through Grant Wickard).

SPECIAL
REQUIREMENTS

1. A lab or specially-equipped room for each of the modules.
2. Recommended ratio of 25 or fewer students per teacher.
3. One aide per teacher (often senior high students) is recommended.
4. In-service would be essential. DPS staff could possibly provide summer help.

INFORMATION
SOURCE

Grant Wickard, Co-ordinator, Career Education Development,
DPS

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Denver Public Schools

PROGRAM TITLE

CULE-DPS Corporation

GRADE LEVEL

9, mainly 11-12

POPULATION

All 9th-graders take introductory courses for background.
11th and 12th-graders take active roles.

COST PER PUPIL

No significant cost.

OBJECTIVES

To acquaint students with the entire area of building trades including management, proposal development, related academic skills, related labor skills.

NARRATIVE

The group is a legal corporation run by students in association with the Denver Public Schools at all levels. Students may work in labor or management roles. The corporation contracts with Urban Renewal and other agencies for activities. Union members work with students as well as vocational instructors. Funds earned go partly back into the corporation and partly to pay members for their summer work. Academic topics are taught in relation to business problems. The program is at present in a state of flux (February 1975).

EVALUATION

No formal evaluation. Follow-up studies of former students show that 80% are involved in some related vocation or preparation, such as a union apprenticeship, college students in management or architecture, or employed in the building trades.

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Legal charter
2. Agencies or individuals willing to contract with the corporation
3. Staff and community people with expertise

INFORMATION
SOURCE

Arch Jeffries, Manual High School, Denver

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Denver Public Schools

PROGRAM TITLE

Technical Advisor Program

GRADE LEVEL

10-12

POPULATION

COST PER PUPIL

Negligible

OBJECTIVES

The purpose is twofold: to provide students with professional contacts that can relate school to career activities and to provide teachers with a chance to find out how their classroom activities relate to business.

NARRATIVE

Six senior high schools in Denver participate in a program that brings people from major companies (Western Electric, Martin-Marietta, Stearns-Rogers, etc.) into the classroom to work with students. An important component of the program is that the classroom teacher spends several days on the job with the business person to see how to better relate classroom activities to career needs. The Denver Chamber of Commerce has been active in this program.

EVALUATION

No formal evaluation. Feedback from business people, teachers and students has been favorable.

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Business people interested and willing to volunteer.
2. A co-ordinating agent to match volunteers to classroom needs.

INFORMATION
SOURCE

Grant Wickard, Denver Public Schools

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Denver Public Schools

PROGRAM TITLE

Executive Intern Program

GRADE LEVEL

11-12

POPULATION

90 students screened on the basis of ability, interest and recommendations

COST PER PUPIL

Negligible

OBJECTIVES

To provide students first-hand experience in executive activities.

NARRATIVE

The selected students are released from classes for one semester, but receive credit for the experience. They are assigned as interns to executive offices in business, government, education or another institution. A co-ordinator provides liaison between the school and the internship. This is part of a national program.

EVALUATION

N/A

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Resource offices willing to serve as sites
2. Staff liaison person

INFORMATION
SOURCE

Grant Wickard, Denver Public Schools

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Denver Public Schools and Jefferson County Public Schools

PROGRAM TITLE

Metro Youth Center

GRADE LEVEL

Ungraded, senior high school

POPULATION

Students who have dropped out of school have first priority; others may be recommended from district high schools.

COST PER PUPIL

Higher than other facilities because of teacher-student ratio of less than 1:10

OBJECTIVES

To improve the future chances for success for drop-outs by helping them complete their secondary education and learn skills to help them obtain employment.

NARRATIVE

This program, originally funded by Title I, is operated at four sites by Jefferson County and Denver Public Schools. The program stresses personalized counseling, vocational training and academic preparation. Students may attend on a part-time or full-time basis; classes are offered in the day or evening; students work at their own rate toward goals of their choosing; course work can be continued during the summer. Small classes and individualized instruction are stressed.

EVALUATION

Each sponsoring district evaluates its portion of the Center. Both evaluations have shown positive results in areas such as the number of students earning credit toward graduation, receiving diplomas or GED Certificates, and student attitudes toward school and work.

AVAILABILITY OF
MATERIALS

Instructors develop own materials or modify commercial materials as needed; not available for general distribution.

SPECIAL
REQUIREMENTS

1. Separate facility
2. Staff willing to work in non-traditional setting and time-frame
3. Special equipment for some programs

INFORMATION
SOURCE

Julian Ray, Jefferson County; Ed Hunt, Denver Public Schools;
ESEA Title I Evaluation Report, DPS, 1973-74

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Durango 9-R

PROGRAM TITLE

Our Working World

GRADE LEVEL

K-6

POPULATION

684 students

COST PER PUPIL

\$3.50 (supply cost only)

OBJECTIVES

The objective of the career education awareness program as defined by the author Lawrence Senesh is to approach career education as "more than vocational counseling, a harmony of life style, values and job. Not just choosing a job, but what job satisfaction means".

NARRATIVE

The S.R.A. program Our Working World is a social science program which synthesizes several areas and meets curriculum needs in basic structures of sociology, anthropology, geography, history, economics, political science, social psychology and law and career education. In this way the basic social studies program for elementary grades achieves program objectives without adding to the already crowded day of the elementary teacher.

EVALUATION

Needham Elementary is piloting these materials for the Durango District and the evaluation will not be completed until June, 1975.

AVAILABILITY OF
MATERIALS

Commercially available

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

Mr. Walter C. Mason, Principal
Needham Elementary School
P.O. Box 181
Durango, Colorado 81301

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Estes Park

PROGRAM TITLE

GRADE LEVEL

4-12

POPULATION

Catalogues will be available to teachers of approximately 700 students

COST PER PUPIL

Minimal

OBJECTIVES

To acquaint students with skills and activities of various occupational areas and to better use community resources in the schools.

NARRATIVE

The local Rotary Club catalogued the occupations and community people willing to work with groups of students in four ways:

1. To come to the schools and talk with classes.
2. To work as an "occupational counselor" with individual students or small groups about different occupational areas.
3. To serve as a site for field trips.
4. To provide a site for students to spend some time finding out what sorts of work different fields involve.

EVALUATION

Feedback will be collected on who was involved, how the experience was utilized and what impact the experience had.

AVAILABILITY OF
MATERIALS

Copies of the catalogue may be ordered through the Superintendent's Office.

SPECIAL
REQUIREMENTS

Community group willing to provide or collect basic information

INFORMATION
SOURCE

Mr. Herb Wenger, Superintendent, Estes Park School District

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Harrison 2

PROGRAM TITLE

Development of Life Planning Goals Through Career Education

GRADE LEVEL

K-12

POPULATION

Suburban - mixed ethnic groups, 880 students

COST PER PUPIL

N/A

OBJECTIVES

1. Students will develop an individual strength profile.
2. Students will identify thoughts, feelings and behaviors associated with achievement and motivation.
3. Students will become familiar with a variety of job clusters.
4. HS students will explore in depth three job clusters and will develop long-range and short-term life planning goals.

NARRATIVE

A drop-out statistic of 18.4% indicated a need to develop a program for students that has meaning in everyday life. Motivation to achieve in most of these students is near zero and they feel poorly about themselves. This project helps students at all levels become more aware of their own strengths and relate these strengths to realistic decision-making, goal setting and life planning. It also helps students to internalize the achievement motive. Classroom teachers and counselors team-teach an achievement motivation program, career exploration modules, and a senior high in-depth study in the regular classroom.

EVALUATION

Not available at this time

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

In-service training for all project teachers and counselors and curriculum development by the staff.

INFORMATION
SOURCE

ESEA Title III

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County

PROGRAM TITLE

GRADE LEVEL

K-3

POPULATION

Approximately 800 students in 3 pilot elementary schools

COST PER PUPIL

Resource kit is approximately \$500 per classroom (includes materials, tool kit, filmstrips, etc.)

OBJECTIVES

The larger objectives are to increase the student's self-understanding and understanding of the world of work. Sub-objectives are also specified and available.

NARRATIVE

The program is integrated into the curriculum, especially in the Language Arts and Social Studies areas. It is non-graded in approach, but sequenced. Student performance indicators are built into each of the 150 activities. There are six components of the program, each designed around a theme. These are Self-Awareness, The Family, The School, The Community, Selected Workers, and Money as a Medium of Exchange.

EVALUATION

A criterion-referenced test has been developed which will be used in a pre-posttest format. Evaluation is on-going at the pilot schools. Results will be available in Summer of 1975.

AVAILABILITY OF
MATERIALS

Not currently available until revision based on evaluation can be determined. Eventually, probably by 1977, printed materials will be available from the District, including the kit inventory.

SPECIAL
REQUIREMENTS

1. Limited (2-3 hours) in-service would be helpful
2. Optional field experiences are suggested which might add some cost or require local adaptation

INFORMATION
SOURCE

John Radloff, Jefferson County Schools

306 Colorado State Facilitator Project

SCHOOL DISTRICT	Jefferson County
PROGRAM TITLE	
GRADE LEVEL	Primarily K-6, some 7-12
POPULATION	Approximately 268 students, rural suburban background (Evergreen), mostly Anglo.
COST PER PUPIL	Approximately \$100.00
OBJECTIVES	<ol style="list-style-type: none">1. To help students acquire a knowledge of community through plotting specific locations of various businesses and professionals in the community on a map.2. To help students acquire a clear grasp of their own interests and learning styles within the context of the broader community.3. To help students learn how to plan for and integrate the various factors necessary for having and holding a job.4. To help students begin applying and passing on apprenticeship experiences to activities at home and school. This should enable students to develop a process for choosing a career through experiencing the career in the real-life setting of the community.
NARRATIVE	<p>Activities include developing a descriptive base of the community, visiting with people and organizations within the community, observing and reflecting on activities throughout the community, and planning and carrying out specifics of individual apprenticeships.</p>
EVALUATION	Extensive communication and documentation through individual and group discussions, topics, logs, diaries, video tapes, movies, photos. This material will be fed back into on-going process of the project, enabling frequent updating of techniques and activities.
AVAILABILITY OF MATERIALS	Depends on the community
SPECIAL REQUIREMENTS	A co-operative community, transportation, audio-visual equipment, a Project Director and Project Historian
INFORMATION SOURCE	ESEA Title III

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County

PROGRAM TITLE

Language, Work and You

GRADE LEVEL

8-9

POPULATION

Elective in grade 8 and required in grade 9

COST PER PUPIL

Comparable to other district units

OBJECTIVES

To provide students with some self-knowledge in relation to career choice and in relation to the communication skills that are needed.

NARRATIVE

These units are 4-5 weeks in length and are offered through the junior high language arts program. Communication skills are related to different occupational clusters. There is an effort to match students' interests, skills and aspirations to the selection of goals, high school classes, and occupational opportunities. Skills such as oral interviews, application forms and information resources for getting a job are also stressed. Attempts are made to bring the community into the school and to get the students into the community.

EVALUATION

The original unit is undergoing revision based on interviews with teachers, counselors and administrators who have worked with the program. The general impact of the program seems to have been one of creating interest and enthusiasm among students.

AVAILABILITY OF
MATERIALS

8th and 9th-grade teachers' guides will be available at cost from the district when the revised edition is printed after field testing - probably for the 1976-77 school year.

SPECIAL
REQUIREMENTS

In-service would be helpful.

INFORMATION
SOURCE

John Radloff and Bob Evans, Jefferson County Schools

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County

PROGRAM TITLE

Simulations

GRADE LEVEL

8-9

POPULATION

Pilot-tested in several junior high schools with volunteer teachers

COST PER PUPIL

Varies with simulation

OBJECTIVES

To provide realistic occupational experiences for students in a low-risk setting.

NARRATIVE

Twelve simulations were developed, one for each of twelve occupational areas; six have been piloted. Five are currently being field-tested. Each is designed for approximately 15 class hours of time. They are student-directed, multi-media simulations. Some may be used as mini-courses or integrated into various curriculum areas. Others require special equipment and are best used in an industrial arts setting. The five being tested in the field are Planning Educational Programs (educational cluster), Planning Construction Projects (construction cluster), Operating a Neighborhood Drug-Treatment Center (health/welfare cluster), Operating an Insurance Agency (trade and finance cluster), and Creating an Advertising Campaign (communications cluster).

EVALUATION

The pilot program had pre-posttests, student attitude questionnaires and teacher questionnaires. Data is being analyzed simulation by simulation and is not yet available. Analysis is being done through Ohio State University, a co-developer with Jefferson County.

AVAILABILITY OF
MATERIALS

It is likely that the developers will make this available through commercial sources because of the multi-media nature of the simulations.

SPECIAL
REQUIREMENTS

Jefferson County staff could provide in-service on the model for local districts.

INFORMATION
SOURCE

Bob Blum and John Radloff, Jefferson County Schools

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County

PROGRAM TITLE

Sophomore Orientation for Belonging, Communicating and Searching

GRADE LEVEL

10

POPULATION

600-700 10th-graders in Arvada HS

COST PER PUPIL

Negligible

OBJECTIVES

The purpose of the program is to help the incoming sophomores in developing good relationships, understanding one's own values, accepting the values of others, gaining awareness of school and staff resources, developing decision-making skills and initiating relevant career-life style plans and goals.

NARRATIVE

The Project interfaces the counseling staff with the language arts teachers in the required Basic Communications Skills course. The program takes one day per week for fourteen weeks. The counselor for the group meets with half the class on one day and the other half the next day. This gives each student one hour per week with his/her counselor in a group of 15:1. There are four units to the Project: (1) the development of personal and social skills and the identification of curricular/extra-curricular activities; (2) the improvement of interpersonal communication skills; (3) the exploration of values as they relate to personal growth and career planning; (4) the improvement of decision-making and career exploration.

EVALUATION

Evaluation is under way using a pre-posttest design, periodic questionnaires and opinionnaires, and teacher and student logs.

AVAILABILITY OF
MATERIALS

A curriculum guide is available at cost through the Arvada HS counseling department.

SPECIAL
REQUIREMENTS

1. In-service would be most helpful. The Arvada HS staff would be willing to help.
2. An academic department willing to give 14 days in a semester to the program.

INFORMATION
SOURCE

Dave Mangrum, Counselor, Arvada HS

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County

PROGRAM TITLE

10th-Grade Planning Course

GRADE LEVEL

10

POPULATION

400 Bear Creek 10-graders

COST PER PUPIL

N/A

OBJECTIVES

To provide students with information and assistance through a quarter course, in an organized and consistent manner, which will enable them to make better career decisions.

NARRATIVE

This nine-week course is taught by classroom teachers under the supervision of the Career Counselor. It begins with a survey of student interests and an analysis of student aptitudes. Student values and attitudes are studied in relation to career choices and an overview of available alternatives examined. Students are encouraged to familiarize themselves with careers and begin setting career goals. These are followed with the development of long-range and short-range goals.

EVALUATION

Evaluation will be by student opinionnaire and follow-through of participating students. The program is in its pilot phase in January-June 1975.

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Counselor with background in Career Education
2. In-service with staff
3. Materials for assessing interests and aptitudes

INFORMATION
SOURCE

Raoul Bates, Bear Creek HS

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County Public Schools

PROGRAM TITLE

LAPs

GRADE LEVEL

10-12

POPULATION

Students enrolled in some Warren Tech program areas

COST PER PUPIL

Approximately \$15,000 per program area

OBJECTIVES

To provide individualized, sequential materials to enable students to reach job-entry level skills.

NARRATIVE

A program area is broken down into its sequential skills. After the task analysis, sequential learnings are developed to enable the students to acquire competencies in these tasks. The LAPs are being developed at Larimer County Vocational Technical School, Metro Youth Center, Warren Tech and other locations.

EVALUATION

LAPs are continually undergoing field testing for sequence and effect as they are used. The entire program will be evaluated for a full year, but data is not available at this time.

AVAILABILITY OF
MATERIALS

Portions of programs will be available the the Fall of 1976. At that time requests can be directed to the Colorado State Facilitator Project or to Jeff Spalsbury.

SPECIAL
REQUIREMENTS

1. Required teacher in-service for units
2. Special facilities and equipment depending on the program

INFORMATION
SOURCE

Jeff Spalsbury, Individualized Instruction Consortium Project
13300 West Ellsworth Avenue, Golden, Colorado 80401



306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County Public Schools

PROGRAM TITLE

Warren Tech Center

GRADE LEVEL

10-12

POPULATION

Over 1,000 senior high students from the Jefferson County high schools may enroll for a morning or an afternoon bloc of 3 hours.

COST PER PUPIL

Varies with the program level. Some require more special equipment than others-

OBJECTIVES

To provide job-entry level skills in a variety of occupational areas through realistic training.

NARRATIVE

There are over 30 programs available with classes and training for specific occupations. Students generally work in small groups or with individualized LAPs to complete their work. Activities are as similar to occupational activities as possible. For example, students in the food service program prepare the cafeteria meals and operate a catering service.

EVALUATION

Evaluation is by program area and is not yet available.

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Most areas need special equipment and facilities
2. Staff must be certified in appropriate areas

INFORMATION
SOURCE

Jeff Spalsbury, Individualized Instruction Consortium
Project, 13300 West Ellsworth Avenue, Golden, Colorado 80401

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Jefferson County Public Schools

PROGRAM TITLE

Transition from School to Work

GRADE LEVEL

11-12

POPULATION

Selected classes in 3 high schools (Pomona, Green Mountain, Golden)

COST PER PUPIL

Comparable to other programs

OBJECTIVES

The purpose of the program is to acquaint students with adjustments that may be needed in the transition from school to work and to help them identify resources available to them.

NARRATIVE

This unit requires 4-5 weeks of time and could be offered as a mini-course or integrated into Business, Social Studies or other appropriate curriculum. It is designed to enhance the counseling program by use of a problem-solving approach. The format suggests hypothetical situations and problems in order to let the students work their way through. Socio-drama, in-basket situations, case studies, brainstorming and role-playing are among the techniques applied.

EVALUATION

A criterion-referenced posttest was developed and data is currently being analyzed. Results will be available in late Spring of 1975.

AVAILABILITY OF
MATERIALS

Student materials for duplication and a teacher's guide are used, but they are not available for distribution. Pilot-testing and field-testing revisions must first be completed.

SPECIAL
REQUIREMENTS

1. Minimal in-service (2 hours)
2. It might be useful for local staffs to develop situations for problem-solving for local needs. This would require some workshop time.

INFORMATION
SOURCE

John Radloff, Jefferson County Public Schools

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Littleton School District 6

PROGRAM TITLE

A Sequential Approach to Career Education at the Junior High

GRADE LEVEL

7-9

POPULATION

Approximately 1,000 students at Euclid Junior High School

COST PER PUPIL

Unknown - total grant of \$885 plus district funds for
Differential Aptitude Test administered to all 8th-graders

OBJECTIVES

To expand presently-existing career education activities into a more comprehensive, unified program wherein each student will gain in self-understanding, develop a positive attitude toward himself and others, and learn to make effective decisions relating to occupational choice, leisure time, citizenship and family life activities.

NARRATIVE

Formulation of the career education learning process begins with an introduction of 7th-graders to group and individual experiences in values clarification. This is followed by exploration of interest areas and emphasis is on success experiences to develop self-confidence. Approximately 150 7th-graders in a school-within-a-school format are involved. Teachers and counselors work together to integrate career education with subject content as well as to provide individual and small-group counseling; the main purpose is to expand self-understanding and add relevance to school life. In 8th grade the emphasis is on discovering individual abilities and how those abilities, interests, values and self-concept relate to various career areas. The Differential Aptitude Test is used to help students discover their strengths and weaknesses. 9th-graders are moved into learning effective decision-making skills, which are exercised in choosing several career areas to explore in depth.

EVALUATION

Evaluative techniques (logbooks, pre- and post-administration of self-concept inventories and rating scales, open-ended questionnaires and student-staff oral evaluative discussions) are directly related to the Project's specific objectives.

AVAILABILITY OF
MATERIALS

Availability of materials is unknown at present.

SPECIAL
REQUIREMENTS

Familiarity with basic career education concepts, values clarification and decision-making skills and/or short in-service and willingness to learn.

INFORMATION
SOURCE

Wilma Pelc, Euclid Junior High School

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Mapleton 1

PROGRAM TITLE

Awareness Opportunities Based on Career Interest

GRADE LEVEL

8

POPULATION

All 8th-grade students

COST PER PUPIL

Minimal

OBJECTIVES

This program is designed to create a structure within which a student may explore and gather information relative to a specific career area.

NARRATIVE

Students involved in this career exploration project are involved in compiling information about a career they have chosen. This information is obtained through interviews with people in that vocation, as well as by obtaining other information on the vocation from varied sources. The exploration is structured around a series of projects that include a report on the way a particular career was chosen, collection of materials about that career, and interviews with people in that career. This work can be done for credit with other classes, such as English and Social Studies.

EVALUATION

Evaluation of students' progress and program done through counselors and classroom teachers.

AVAILABILITY OF
MATERIALS

Directional pamphlet available.

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

David R. Turner, Director of Vocational and Adult Education, Mapleton School District

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Meeker Re-1

PROGRAM TITLE

Vocational Exploration

GRADE LEVEL

9-12

POPULATION

About 50 students each year, primarily 11 and 12

COST PER PUPIL

Initially about \$20 for very limited supervision; now about \$200 for half-time supervisor.

OBJECTIVES

To make students aware of the nature of work in general and of certain jobs in particular.

NARRATIVE

Students apply for and work in varied occupations in the community during school hours for high school credit (no pay), for an average of 1 hour daily. They are to learn as much as they can about the occupation while working at it and to practice good work habits. The employer and the Vocational Exploration Supervisor jointly assign grades.

EVALUATION

N/A

AVAILABILITY OF
MATERIALS

none required

SPECIAL
REQUIREMENTS

Co-operation of local businesses

INFORMATION
SOURCE

Paul Starbuck, Vocational Exploration Supervisor
Meeker High School
Box 159, Meeker, Colorado 81641

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Meeker RE-1

PROGRAM TITLE

Integrated Career Development Curriculum

GRADE LEVEL

9-12

POPULATION

230 students

COST PER PUPIL

Approximately \$10.00 - materials cost only

OBJECTIVES

1. Competencies in skills basic to all occupations
2. Career awareness
3. Self-awareness
4. Career decision-making

NARRATIVE

The ICDC was a curriculum development project of the Western States Small Schools Project. It developed a career curriculum concept and supporting materials contained in over 200 individual packages (2-30 pages each). These materials were designed to be integrated into regular classes or to be used for separate classes or independent study.

EVALUATION

Materials were piloted in a number of schools, revised in some instances, and a limited evaluation was done in each school using the materials.

AVAILABILITY OF
MATERIALS

Meeker School District has copies of all materials which can be duplicated by electronic stencil and mimeographed at cost.

SPECIAL
REQUIREMENTS

N/A

INFORMATION
SOURCE

Mr. Robert E. King, Superintendent
Meeker School District RE-1
Box 1084
Meeker, Colorado 81641

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306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Monte Vista

PROGRAM TITLE

Program in Career Opportunities (PICO)

GRADE LEVEL

Primarily 7-8

POPULATION

COST PER PUPIL

Depends on specific material produced

OBJECTIVES

1. To produce curriculum materials on locally or regionally available career areas about which little information is available through traditional school guidance offices.
2. To collect materials to assist local teachers to develop Career Education concepts and incorporate them into existing curriculum.

NARRATIVE

PICO staff primarily identify locally available career opportunities and produce Career Information Learning Activity Packets relating to these opportunities. Packets are inexpensive to produce, and it is hoped they will serve as a model to encourage teachers to develop similar packets in areas of their interest related to their curricula. The staff also maintain a Career Information Center to obtain materials to help teachers develop curricula incorporating career education. Money has recently been received from a private foundation to develop both classroom and adult model career education programs during the next three years.

EVALUATION

Initial field testing of materials developed during the 1973-74 school year indicate that both teachers and students enjoy this type of activity in the classroom.

AVAILABILITY OF
MATERIALS

Sample packets can be obtained through the Colorado State Facilitator Project.

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

R.C. Richmond, Supervisor of Special Projects
Monte Vista Public Schools
Monte Vista, Colorado 81144

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Montrose County RE-1J

PROGRAM TITLE

GRADE LEVEL

9-12

POPULATION

Approximately 300 students, one-third of student body

COST PER PUPIL

Total - salary for one full-time co-ordinator

OBJECTIVES

The program is intended to provide students with skills to obtain and maintain employment, as well as with the opportunity to work.

NARRATIVE

All 9th-grade students take a six-week introductory course as a part of their Social Studies program. This covers some of the major aspects of skills needed to get a job (interviews, records, etc.) and skills to maintain one (responsibility, job ethics, etc.). Students are then eligible to participate in the Placement Program. Students work in various places around the community to become acquainted with operations and functions of different businesses and roles. A staff co-ordinator serves as liaison between the school and the community.

EVALUATION

No formal evaluation. Subjective reaction has been positive. Training sites have increased from 200 to 300.

AVAILABILITY OF
MATERIALS

A Project Handbook is available through Mr. Nauyokas.

SPECIAL
REQUIREMENTS

1. A co-ordinator with an 11-month contract for placement and liaison.
2. In-service for Social Studies instructors.
3. Community interest and co-operation.

INFORMATION
SOURCE

Frank Nauyokas, Director of Curriculum, Montrose Schools

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Montrose County and South Conejos Re 10

PROGRAM TITLE

Satellite Technology Demonstration Project

GRADE LEVEL

7-9

POPULATION

Primarily rural

COST PER PUPIL

Special equipment costs

OBJECTIVES

To provide students with exposure to a variety of occupations and clusters that are not easily accessible to rural areas.

NARRATIVE

The Satellite Technology Program has three components. Students receive information and special programs by satellite. Some buildings have equipment for student response so that a dialogue can be carried on. There is also a teacher in-service component with both materials and programs. Finally, there is a community-oriented component dealing with opportunities in small businesses, rural areas, etc.

EVALUATION

Close monitoring of both content and process by a group led by Marvin Eakes, Colorado Department of Education, Denver.

AVAILABILITY OF
MATERIALS

Contact Marvin Eakes, CDE

SPECIAL
REQUIREMENTS

1. Special receiver, recorder, tapes and other equipment
2. Special staff member with duties beyond usual assignment

INFORMATION
SOURCE

Frank Nauyokas, Director of Curriculum, Montrose County School District

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Northeast BOCs

PROGRAM TITLE

GRADE LEVEL

POPULATION

COST PER PUPIL

OBJECTIVES

K-Adult, with primary emphasis on K-12

10,000 K-12 students from 40 schools within 14 districts

Approximately \$20.00

To help each student within a 7,500 square mile area of Northeast Colorado to achieve a satisfactory, rewarding and useful life in the world of work.

NARRATIVE

The Project has sought to infuse career concepts and goals into all levels of the K-12 curriculum. In-service activities in all 14 districts has been an important factor. Many instructors are implementing career education in their classrooms through innovative ways which are being shared with other instructors through classroom visitations, a monthly newsletter and other printed materials. At the high school level schools have extended the classroom into the community through on-the-job work experience stations and community resources in the classroom. The Project has worked with some post-high school and adult students.

EVALUATION

On-going and periodic evaluations and assessments are performed by students, staff members, local school administrators and accountability groups.

AVAILABILITY OF
MATERIALS

Considerable material has been developed for in-service, counselors, teachers and advisory council members. A list of materials and cost is available upon request from the State Facilitator Project.

SPECIAL
REQUIREMENTS

1. BOCs Career Co-ordinator
2. Career Co-ordinator in each district
3. Building representative in each building
4. Career Cadre in each district

INFORMATION
SOURCE

Al Renzelman, Co-ordinator, Career Education, Northeast BOCs,
Haxtun, Colorado 80731

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Northglenn-Thornton 12

PROGRAM TITLE

GRADE LEVEL

K-9

POPULATION

Approximately 2,000 students are involved

COST PER PUPIL

Not available

OBJECTIVES

Career Education is on a building basis at present; development of district scope and sequence is in progress.

NARRATIVE

Some involvement at two elementary schools (awareness phase), but major development has taken place at the junior high level (one pilot school) and is being expanded to other junior high schools. The staff from the pilot junior high will be used as an in-service cadre. The curriculum is teacher-developed for integration into various subject areas; consequently, it varies widely. The stress is on the process of Career Education rather than on curriculum products.

EVALUATION

Internal

AVAILABILITY OF
MATERIALS

Limited commercial but good teacher-developed materials

SPECIAL
REQUIREMENTS

In-depth in-service

INFORMATION
SOURCE

Betty Cooke, District Career Education Director
303-451-1151

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Poudre R-1

PROGRAM TITLE

You and Your Future

GRADE LEVEL

9

POPULATION

145 9th-grade pupils of random socio-economic and ethnic grouping, ranging in age from 13 to 16.

COST PER PUPIL

Approximately \$5.00 above normal classroom expenses (includes extra materials given to students and field trips).

OBJECTIVES

The basic goal is to enable the student to make more realistic decisions regarding the world of work and its effect upon his/her life style and happiness. The immediate goal of high school course selection is also pursued.

NARRATIVE

This course was designed as a pilot program to offer an intensive career education course for 1 quarter to 9th-grade pupils. Value clarification, self-awareness and self-inventory are emphasized first. Then the area of occupational information is introduced; its use and scope are explored in relation to the students' heightened self-awareness. Post-high school options are examined; cost, difficulty and time requirements are presented with a tour of the Vocational Technical Center given at the end of this segment. Specific areas such as interview techniques, public relations concepts, and other related subjects are covered. The course concludes with the preparation of a 3-year high school plan plus a visit to a community volunteer who interacts with the student on a 1-1 basis about his/her job.

EVALUATION

At the end of each quarter, students are given the opportunity to evaluate, by degree, what they learned relative to their pre-course expectations. The instrument offers opportunity for comments. Evaluations have been very positive for continuing and improving the program.

AVAILABILITY OF
MATERIALS

Materials used are available on a limited basis as no central text or source is used.

SPECIAL
REQUIREMENTS

Currently, the only two special requirements are that the student indicate an interest in the course and that it be taught by someone sincerely interested and dedicated to dispensing this type of information.

INFORMATION
SOURCE

Ron Stoll, Counselor, Belvins JHS, Fort Collins, Colorado 80521

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Pueblo 60, Pueblo 70, Rocky Ford R2, Canon City RE-1,
Florence RE-2

PROGRAM TITLE

Career Education In-Service

GRADE LEVEL

K-12

POPULATION

K-12 teachers

COST PER PUPIL

Teachers are assessed a \$30 fee to cover awarding and recording costs for 6 hours of graduate credit from SCSC or WSC. Total Project funding - \$38,890.00

OBJECTIVES

1. Identify and establish local Career Education Co-ordinating Councils in the 5 participating districts; establish an atmosphere within which the Council is a viable organization for the implementation of Career Education in the districts.
2. Provide for in-service workshops for staff members, particularly in the Rocky Ford, Canon City and Florence districts.
3. Assist curriculum writing teams, primarily in Pueblo 60 and 70, to include Career Education concepts in the development of new or revised curriculum programs.
4. Organize and index careerpacs and develop a systematic method for the dissemination and evaluation of these materials.
5. Develop and organize community involvement and support by establishing community resource files and a system to enable teacher utilization of community resources.

NARRATIVE

This program is a continuation of programs funded through the CDE and SBCCOE that were addressed primarily to the in-servicing of personnel in the Career Education concept. Though allowing for continued in-service as needed, this program is focusing on the identification and utilization of local community resources, on the inclusion of Career Education concepts in the K-12 curriculum, and the establishment of systems concerning community resources and materials that can be assumed by the participating districts to assure their continued involvement when outside sources of funding are not available

EVALUATION

An evaluation instrument was administered to determine the degree to which the concept has been implemented in the classroom by teachers. Results available March 1975.

AVAILABILITY OF
MATERIALS

Specific requests for teacher-prepared materials will be honored. Bibliographies of available careerpacs available upon request. A standard fee of 50¢ per unit is charged for information outside the Project area.

SPECIAL
REQUIREMENTS

No special requirements.

INFORMATION
SOURCE

Mrs. Kaye Hamm and Mrs. Marlene McDaniel, Co-ordinators
Career Education In-Service Project, Roncalli Specialist Office,
4202 Highway 76, Pueblo, Colorado 81005

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Rocky Ford R2

PROGRAM TITLE

GRADE LEVEL

K-8

POPULATION

K-8 enrollment

COST PER PUPIL

Approximately \$9.00

OBJECTIVES

To provide education experiences for the student in order to enable him to learn to live in the home, school and community.

NARRATIVE

The program has a Scope and Sequence K-12 for the educational program of children and utilizes the community as a learning laboratory. This project has been in operation 18 months with in-service training sessions for staff. This is now to the Cadre approach stage. Individual resource pacs have been developed for the program and career-related educational games and activities in primary grades. The satellite program is in use at Jefferson JHS.

EVALUATION

Evaluation is provided by third-party evaluators of the Project and by internal means. (Attitude surveys, teacher observations, and use and evaluation of developed materials.) The satellite program has an evaluative factor of its own.

AVAILABILITY OF
MATERIALS

At present, free upon request until the supply ends. Effective July 1, 1975, cost will be charged in relation to printing and handling expenses.

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

Ralph R. Neumann, Curriculum Co-ordinator

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Sheridan School District 2

PROGRAM TITLE

GRADE LEVEL

9-12

POPULATION

Approximately 600 students

COST PER PUPIL

\$2.00 - \$5.00

OBJECTIVES

To provide students with the opportunity to academically explore career options.

NARRATIVE

The major effort has been in special career-oriented classes which introduce students to career decision-making through the Career Center. Some efforts are being expended to infuse career concepts into the regular curriculum. The Career Center contains career-oriented media, occupational briefs, materials from industry and is operated by a full-time career counselor.

EVALUATION

Title VIII validation

AVAILABILITY OF
MATERIALS

Good selection of commercial and free guidance materials

SPECIAL
REQUIREMENTS

Significant funds to provide materials for Career Center

INFORMATION
SOURCE

Ray Sigwert, Director, Career Center.

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Silverton, Cortez, Dolores County RE-1J, Dolores RE-4A,
Mancos, Bayfield, Egnar

PROGRAM TITLE

CEPAC (Career Education Process of Attitude Change)

GRADE LEVEL

K-12

POPULATION

Approximately 5,000 students in 8 districts. Most schools are relatively small and frequently rather isolated.

COST PER PUPIL

Staff development and materials have been the main expenses to date. Per pupil cost would depend on how extensively a district wished to develop either area.

OBJECTIVES

To provide a relevant and meaningful education to students by infusing career education concepts into the existing curriculum and providing as many options for students as possible.

NARRATIVE

The CEPAC Project has several components. A cadre of teachers and administrators from the member districts has been developed to serve as resource people and to present workshops. A series of workshops and in-service programs has been presented to interested teachers to develop a rationale for understanding career education as well as to develop materials and units for use. At the elementary level teachers have developed units for their own use incorporating career education concepts including vocational and role expectations and concern with student self-concept and values clarification. A directory has been prepared to identify local resource people to visit the school and possible field trips to the community. At the secondary level in Mancos, 7th and 8th-graders enroll in a 2-hour bloc course on Environmental Studies that carries Biology-Social Studies credit. It emphasizes hands-on activities and use of community resources. Because of this "real-world" approach it is considered a part of the career education program. Mancos is also attempting to integrate some of the career education units into the Project SUN bilingual-bicultural program at the elementary level. Dolores RE-4A, Dolores County RE-1J and Mancos are using sections of the "Business and Office Career Education Materials" prepared by CSU at the secondary level. There is also a strong thrust in the Dolores RE-4A secondary Language Arts Program toward work observation and career exploration activities. Senior high students from the General Business Program have worked with 5th-graders to teach commercial and consumer mathematics. Dolores RE-1J has an integrated Senior Problems and Language Arts class that has a career awareness thrust.

EVALUATION

AVAILABILITY OF MATERIALS

SPECIAL REQUIREMENTS

INFORMATION SOURCE

Charting of on-going programs and units. Workshop evaluation by ranking of components, survey to determine status of program, materials and guidance provided by the career education staff.

Collected units and activities are available at cost through Dr. William J. Nelson. Other materials that have been developed include Job Experience kits, slide-tape presentations, cassette tape programs, Career-Packs and video tapes.

1. In-service for staff
2. Materials development by staff
3. Some purchase of materials
4. A trained co-ordinator would be helpful

Dr. William J. Nelson, San Juan Basin Area Vocational-Technical School, Box 970, Cortez, Colorado 81321

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Southeastern BOCS

PROGRAM TITLE

Career Fair

GRADE LEVEL

10-12

POPULATION

10-12 students from the 15 member schools of SE BOCS

COST PER PUPIL

Not available

OBJECTIVES

1. To bring students in direct contact with members of each of the 15 career clusters.
2. To acquaint students with the entry level requirements for each of a number of chosen jobs.
3. To make students aware of education opportunities available to help them meet the entry level requirements for a number of career possibilities.

NARRATIVE

Junior and senior students are brought together at a "career fair" to view displays and talk with members of the 15 career clusters and officials of various schools and colleges. Through this fair students learn of different career possibilities and of the skills and knowledge necessary to perform in each of a chosen number of careers. Officials of a number of schools are available to help the student with decisions concerning training or advanced education required in their chosen field.

EVALUATION

Not available

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Facility large enough to house participants
2. Person responsible for organization and scheduling

INFORMATION
SOURCE

Southeastern BOCS

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Summit RE-1

PROGRAM TITLE

GRADE LEVEL

K-6

POPULATION

All elementary students (approximately 600)

COST PER PUPIL

Approximately \$1.00

OBJECTIVES

The objective of the program is to acquaint elementary students with various fields of endeavor, and to develop skills and attitudes relating to work as they are illustrated through the curriculum.

NARRATIVE

The program is based on Marland's concepts and adapted from the model developed in Wyoming. The rationale and samples of lessons/units are in the Summit RE-1 Curriculum Guide. Writing teams of teachers were formed after the staff had acquainted itself with Marland's writings and other published materials on Career Education. These teams then identified areas in the curriculum where emphasis could be placed on Career Education and developed units/activities toward the objective.

EVALUATION

Evaluation will take place at the end of the 1974-75 school year.

AVAILABILITY OF
MATERIALS

The Summit RE-1 Curriculum Guide is available at cost from the district.

SPECIAL
REQUIREMENTS

1. It is important that at least one district person be well-grounded in Career Education as a K-12 concept and acquainted with national trends and approaches.
2. It would be helpful to have qualified consultants work with the faculty both in terms of the Career Education concept and applications in the curriculum.
3. It would be helpful to provide in-service time, both for the consultants and for the writing teams.

INFORMATION
SOURCE

Diane Sorenson, Co-ordinator, K-12 curriculum.

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Trinidad 1

PROGRAM TITLE

Career for Life Through Career Education

GRADE LEVEL

K-12

POPULATION

Public and private school students in Trinidad District

COST PER PUPIL

Not available

OBJECTIVES

1. To provide the necessary expertise in an orientation program that will create a feeling in the student that there is honor in being employed and making a contribution to society.
2. To allow students to explore many career areas.
3. To enable students to obtain skills and knowledge in related areas which will help them qualify for employment in a career of their choice.

NARRATIVE

Career Education is offered to students in grades K-12 who reside in the Trinidad School District. Grades K-4 are introduced to a career education awareness program. Middle school, grades 5-6, continue the awareness activities and pupils begin to explore other areas in pursuit of a career of their choice. In grades 7-8 students continue the awareness and exploration activities and are introduced to "hands-on" types of activities. High school students, grades 9-12, continue the awareness and exploration activities in preparation for "hands-on" cluster activities and on-the-job training programs. Students demonstrate their understanding of various occupations by playing the role of community helper. Filmstrips, cassettes and "hands-on" activities are offered in the World of Construction and the World of Manufacturing.

EVALUATION

N/A

AVAILABILITY OF
MATERIALS

Not available

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

ESEA Title III

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Walsh RE-1

PROGRAM TITLE

GRADE LEVEL

4

POPULATION

28 students

COST PER PUPIL

\$25.00

OBJECTIVES

In general, to heighten an awareness of the world of work and to develop an appreciation of our dependence on different types of work. Specifically, to help pupils learn to ask pertinent questions regarding work areas and to improve students' writing ability in describing learnings gained from field trips, lectures, etc. related to career education.

NARRATIVE

The program begins the second semester of the school year. Every Friday afternoon a period and a half is reserved for a field trip or lecture and written student evaluation. About five bus trips are taken; lectures by authorities in certain career areas are interspersed between field trips.

EVALUATION

Faculty evaluation

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Access to sites
2. Available human resources

INFORMATION
SOURCE

Walsh RE-1 School District

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Walsh RE-1

PROGRAM TITLE

GRADE LEVEL

7-12

POPULATION

230 students

COST PER PUPIL

\$24.00

OBJECTIVES

1. To establish a center with resources designed to enlighten and motivate students to career possibilities.
2. To provide students with the opportunity to develop an understanding of the facts of life through which man seeks fulfillment and the importance of work in a happy, satisfied life.
3. To enable students to gain a better understanding of self and to research possible careers and make tentative career decisions.
4. To provide teachers with career information which can be implemented in their teaching areas.

NARRATIVE

It was felt that the few outdated materials on careers available in the District library were not giving students a "fair shake". A committee prepared an application for a special purposes Title II grant, which was approved (\$5,500). A special area in the library is being set aside for materials with carrels and viewing equipment furnished for all interested students to use at any time. It is also planned to encourage teachers to use materials in their field and the materials will be especially useful in the careers class, which was initiated this year (1974-75).

EVALUATION

Evaluation will consist of committee evaluation, follow-up survey of graduates, and student appraisal survey.

AVAILABILITY OF
MATERIALS

Not yet available

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

Walsh RE-1 School District

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Walsh RE-1

PROGRAM TITLE

GRADE LEVEL

11-12

POPULATION

22 students

COST PER PUPIL

\$71.00

OBJECTIVES

1. To enable students to identify their own personality traits, interests, aptitudes, abilities and values and to use these traits in planning their education and career.
2. To encourage awareness of the world of work.
3. To encourage knowledge about a number of careers.
4. To encourage awareness of the resources available to students in planning their careers.
5. To enable students to make a tentative choice of career.

NARRATIVE

This class is a semester class designed to encourage students to better understand themselves in order to plan a wise career choice. Students are encouraged to explore numerous careers, to study things necessary in choosing a career and to become familiar with the world of work. Filmstrips are shown and discussed, an interest test is given and analyzed, aptitude scores are analyzed and a field trip is taken to Lamar where the students are allowed to observe first-hand people at work in various occupations. Guest speakers are used when they can be obtained and a job interview is given each pupil at the completion of the course.

EVALUATION

A follow-up survey on graduates is used, as well as test evaluation and job interview evaluation.

AVAILABILITY OF
MATERIALS

Commercial materials are used: 9 filmstrips; Choosing Your Career by Ivan Miller; Succeeding in the World of Work, by Kimbrell-Vineyard; Chronicle Occupation Library; Career Opportunities Series by Doubleday-Ferguson.

SPECIAL
REQUIREMENTS

None

INFORMATION
SOURCE

Walsh RE-1 School District

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Weld BOCES

PROGRAM TITLE

Comprehensive Career Education Program for EMH

GRADE LEVEL

K-12

POPULATION

200 EMH students from member districts and 15 EMH teachers

COST PER PUPIL

Not available

OBJECTIVES

1. To present adequate in-service to EMH teachers in career education.
2. To develop a comprehensive career education curriculum through all levels with horizontal and vertical consistency.
3. To acquire and develop appropriate career education materials for implementation of objectives.
4. To establish a pool of community resources to be utilized in conjunction with the curriculum.

NARRATIVE

Much work has been done in the past 10 years to include programs for educable mentally handicapped in the school program. The Weld BOCES is implementing a comprehensive program to help these students develop the social and academic skills necessary to function in the world of work. The major areas of concern are self-concept development, decision-making, career awareness and exploration. Most of the emphasis of the Project has been on developing instructional materials for classroom use. An advisory board has been formed of the classroom teachers. Writers and teachers are working together to develop the instructional materials to be used in the classroom.

EVALUATION

Evaluation materials and results available on request from the Colorado State Facilitator Project.

AVAILABILITY OF
MATERIALS

Field test materials including photographs, film strips, cassettes, learning packets, games, simulations and stories are available on request through the State Facilitator Project.

SPECIAL
REQUIREMENTS

1. Media support
2. Creative writers and artists
3. In-service training

INFORMATION
SOURCE

Sandra Boland, Director, Career Education, Weld BOCES

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Weld County RE-1

PROGRAM TITLE

What Do You Do Besides Graduate?

GRADE LEVEL

K-12 (most emphasis on middle school)

POPULATION

General school population, rural area

COST PER PUPIL

N/A

OBJECTIVES

To integrate career education into the total curriculum.

NARRATIVE

Initial awareness workshops were held for interested teachers and district-wide teacher committees were formed. Summer writing teams developed curriculum goals and concepts for career education. District in-service for all teachers was provided and career education concepts were then implemented in classrooms K-12. A comprehensive guide was developed, along with a community resource file for each level.

EVALUATION

Outside evaluation audits are being provided by the University of Colorado. A final evaluation report will be available in Spring of 1975.

AVAILABILITY OF
MATERIALS

A district-developed guide is available. It includes goals, concepts, activities, games puzzles, etc. (available at printing costs).

SPECIAL
REQUIREMENTS

1. Awareness orientation sessions
2. Development of district goals and objectives
3. No additional staff needed.

INFORMATION
SOURCE

Julie Barton, Counselor, Weld RE-1

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Weld RE-5J

PROGRAM TITLE

GRADE LEVEL

5-8

POPULATION

Generally rural

COST PER PUPIL

N/A

OBJECTIVES

1. To create a vocational guidance program for 7th and 8th-grade students.
2. To develop a community resource file.
3. To train teachers for individual integration of career education concepts into their classrooms.

NARRATIVE

Initial in-service was provided for 40 volunteer teachers. The teachers have developed activities on an individual classroom basis. A vocational guidance program has been developed for 7th and 8th-grade students. A community resource file has been developed for both on-site visitations and visitations to the classrooms.

EVALUATION

An outside evaluation audit will be provided by the University of Colorado later this Spring (1975).

AVAILABILITY OF
MATERIALS

Individual teacher-developed materials and guidance materials.

SPECIAL
REQUIREMENTS

1. Awareness in-service
2. Planning time for teachers

INFORMATION
SOURCE

Dr. Dale Yost, Curriculum Director, Weld RE-5J

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Weld County 6, UNC Lab School and UNC College of Education

PROGRAM TITLE

Exemplary Career Education

GRADE LEVEL

K-12

POPULATION

5 pilot schools in District 6 (Greeley), UNC Lab School,
UNC College of Education

COST PER PUPIL

Not available at this time

OBJECTIVES

1. To help students develop a better understanding of their future work role.
2. To infuse into curriculum career awareness, orientation, exploration and preparation for all students.
3. To provide in-service education for teachers, counselors and administrators.
4. To insure that future teachers and counselors learn the philosophy and rationale for career education.

NARRATIVE

The Project is designed to implement career education in grades K-12 of the UNC Lab School and District 6 schools. Work in grades K-12 includes the integration of career education into regular classrooms, as well as the use of career planning centers and community resources. Placement is included within the guidance component of the Project. Emphasis in the K-12 classes and counseling is on self-awareness, career awareness, decision-making, values clarification, and career orientation, exploration and preparation. In addition, a purpose of the Project is to implement career education in the College of Education of UNC so that prospective teachers, counselors and administrators are exposed to the career education concept and activities and materials needed to implement career education in public schools.

EVALUATION

Evaluation materials and results available on request from the Colorado State Facilitator Project.

AVAILABILITY OF
MATERIALS

The Project has developed six sets of procedures for utilization of community resources to develop career awareness and exploration. The Project is not involved in curriculum development.

SPECIAL
REQUIREMENTS

1. Teacher preparation through UNC College of Education
2. Use of graduate assistants in pilot schools
3. In-service training for teachers in pilot schools in career education, values clarification, decision-making, use of career education in high school departments.
4. Commercially-produced materials

INFORMATION
SOURCE

Warren Lasell, Co-ordinator, Career Education Project, UNC

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Weld County RE-9

PROGRAM TITLE

GRADE LEVEL

3

POPULATION

General rural

COST PER PUPIL

N/A

OBJECTIVES

1. To develop awareness of the basic consumer economic system
2. To develop awareness of job clusters
3. To develop positive attitudes for work values

NARRATIVE

Utilizing the "factory system" concept, a team of third-grade teachers have integrated career education concepts and consumer economics principles into a core approach for all subject activities. Students are "paid" for tasks completed with school money. They must "pay" bills and have a number of options faced by the consumer public, i.e. savings accounts, bank accounts, etc. Community resources through field trips, etc. are utilized. Occupation awareness concepts are integrated.

EVALUATION

Subjective student, teacher and parent feedback is available.

AVAILABILITY OF
MATERIALS

Teacher-made materials are available.

SPECIAL
REQUIREMENTS

1. Space for school store and materials storage.
2. Staff in-service

INFORMATION
SOURCE

Sam Nelson, Director, Business and Distributive Education
Weld County RE-9

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Weld County RE-12

PROGRAM TITLE

Community School Career Guidance Project

GRADE LEVEL

6⁺-12

POPULATION

90 students

COST PER PUPIL

N/A

OBJECTIVES

The purpose of this program is to make students, teachers and community members aware of various choices in the occupational field, to provide students with the opportunities to explore various fields, and to integrate the work values into their personal value system.

NARRATIVE

A physical setting has been developed which provides for all students, community members and faculty an opportunity to explore the full range of occupational choices. Classes are brought to the resource room on a regular basis; specific objectives are provided and they are led through a step-by-step process of exploring various occupational choices. The teacher accompanies the students and the room provides a team-teaching laboratory setting which involves the classroom teacher as well as the counselor.

EVALUATION

Teacher-counselor observation is the primary means of evaluation. Parent surveys and in-service meetings are also used in this process.

AVAILABILITY OF
MATERIALS

Materials for the resource room are available to community members.

SPECIAL
REQUIREMENTS

1. Minimal in-service program
2. Community orientation

INFORMATION
SOURCE

Beth Bashor, Pawnee HS, Grover, Colorado

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Widefield School District 3

PROGRAM TITLE

Exemplary Career Education, Self-Awareness and Job
Opportunity Model

GRADE LEVEL

K-12

POPULATION

Low to middle-class, 8,104 students of mixed ethnic groups

COST PER PUPIL

N/A

OBJECTIVES

1. To develop new attitudes in teachers so that all education will be career education and awareness of self.
2. To increase student understanding of the world of work.
3. To help students make intelligent decisions about their future careers.
4. To assist high school students in finding part-time employment related to their first career area choice.

NARRATIVE

Widefield School District has devised a program that uses careers to help develop self-awareness. In the elementary school, career education is used to assist the student in recognizing individual abilities, strengths, values and contributions. The junior high program relates interests, abilities and strengths to career areas. The high school portion is designed so that students may have in-depth experiences in specific career opportunities in which they have expressed an interest.

EVALUATION

Not available at this time.

AVAILABILITY OF
MATERIALS

Not available

SPECIAL
REQUIREMENTS

1. Summer workshop to educate teachers, counselors and administrators in the concepts of self-awareness and career education.
2. Opportunity must be available for participants to plan an effective program and to develop strategies for implementation.

INFORMATION
SOURCE

ESEA Title III project abstract

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Windsor RE-4

PROGRAM TITLE

Integrated Life and Career Development Program

GRADE LEVEL

K-12

POPULATION

Student population of 1,012

COST PER PUPIL

N/A

OBJECTIVES

1. To demonstrate awareness and understanding of the self and the ability to establish and pursue goals.
2. To demonstrate awareness that many different life styles exist and a keener awareness by students of different jobs and various work situations.
3. To demonstrate understanding of the rewards and self-satisfaction found in work.
4. To explore job clusters and life styles, providing "hands-on" experiences.
5. To demonstrate how occupational stereotypes are inappropriate for today's life styles.

NARRATIVE

The Windsor District has implemented a comprehensive and structured career development program encompassing grades K-12 and utilizing the total staff and resources within the community in a multi-disciplinary approach within the established curriculum to reach the total school population. This program offers students alternate sequences through a flexible educational system that can adjust to the interests, aptitudes, abilities, aspirations and unique characteristics of each individual. The program develops from self and career awareness at the primary-intermediate level to exploration and preparation at the secondary level.

EVALUATION

N/A

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

In-service training and material preparation

INFORMATION
SOURCE

ESEA Title III

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Woodlin

PROGRAM TITLE

Career Exploration for Grades 7-10

GRADE LEVEL

7-10

POPULATION

233 students, rural, isolated

COST PER PUPIL

N/A

OBJECTIVES

1. Students will become familiar with a wide variety of occupations.
2. Students will observe individuals employed in at least one job in each of the major job classifications.
3. To assist the student in making a career selection.
4. To provide students with the opportunity for in-depth study of personal requirements for jobs or positions in a number of occupational classifications.

NARRATIVE

The program provides students entering the secondary school with an opportunity to become aware of the vast number of careers available to the members of our society so that they may achieve the highest degree of enlightenment and necessary competence to select a career offering a satisfactory, rewarding and useful life in the world of work. During the initial year of implementation, activities will center around the classroom instruction using printed, visual and auditory material designed to develop career awareness. Such activities are conducted by the counselor, teaching staff and guest lecturers.

EVALUATION

Not available

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

In-service training of staff

INFORMATION
SOURCE

ESEA Title III

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Aspen Community School

PROGRAM TITLE

GRADE LEVEL

6-8

POPULATION

All 23 students involved

COST PER PUPIL

Not available

OBJECTIVES

1. Student contact in the community
2. Meaningful opportunity for students to relate to community work experiences

NARRATIVE

Students volunteer time at local businesses and service organizations. Teachers find jobs based on student interests. Students share experiences with each other in discussion groups.

EVALUATION

Subjective evaluation by teachers and students.

AVAILABILITY OF
MATERIALS

Strictly field-oriented

SPECIAL
REQUIREMENTS

Willingness of all involved (students and community);
parental permission

INFORMATION
SOURCE

Aspen Community School

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

Aspen Community School

PROGRAM TITLE

GRADE LEVEL

All levels to grade 8

POPULATION

72 students

COST PER PUPIL

Not available

OBJECTIVES

To pursue student interest within a structured learning environment.

NARRATIVE

This is an extensive activity program with strong career orientation. Two afternoons per week, in six-week time blocs, non-academic areas geared to student interests are provided (skills, crafts, arts, etc.).

EVALUATION

Faculty-based, primarily observation of program.

AVAILABILITY OF
MATERIALS

Provided by school

SPECIAL
REQUIREMENTS

1. Teacher skill and interest
2. Parent and community involvement in teaching program

INFORMATION
SOURCE

Aspen Community School

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

The Peak

PROGRAM TITLE

Our World of Work

GRADE LEVEL

4-8

POPULATION

Interested students from those levels

COST PER PUPIL

No significant cost

OBJECTIVES

There are seven stated objectives including self-knowledge, awareness of skills needed, the role of school in relation to these skills, and acquaintance with significant adults.

NARRATIVE

There are several stages in the program. Students first spend at least a half day with several responsible adults in different areas of interest to the student. After sampling these choices, the student will select one area in which to spend more time. The third stage will have the student working at a number of tasks in the field instead of mainly observing. In the meantime, the students are analyzing both the personal qualities/values and the skills needed for success in these areas.

EVALUATION

N/A

AVAILABILITY OF
MATERIALS

N/A

SPECIAL
REQUIREMENTS

1. Community people willing to help
2. Close school-community liaison

INFORMATION
SOURCE

H.N. Wilson
The Peak School, Loveland, Colorado

306 Colorado State Facilitator Project

SCHOOL
DISTRICT

PROGRAM TITLE

EXPLO: Career Exploration Fair

GRADE LEVEL

7-12

POPULATION

Over 43,000 students, mostly from the Denver metropolitan area; were involved in 1973-74

COST PER PUPIL

No cost to schools except in travel

OBJECTIVES

To provide career exhibits in the USOE clusters models for students to have "hands-on" experiences or closer acquaintance with these clusters.

NARRATIVE

Workshops were presented districts on request to provide a foundation for use of EXPLO. Curriculum materials were prepared for use before and after EXPLO visits for co-operating school districts. These followed the cluster format rather than individual jobs, as such. They stressed the relationship between school activities and the world of work. A large catalogue of community resources has been developed as an outcome of the Project.

EVALUATION

Each of the junior high visitors completed pre- and post-visit interest inventories which are being analyzed by an outside agency. Exhibitors at EXPLO, teachers and other visitors also provided data on the effect of the Project, appropriateness of the material and the quality of the implementation. This is also currently being analyzed.

AVAILABILITY OF
MATERIALS

Would have to check with Dr. Carl Chiko

SPECIAL
REQUIREMENTS

1. Orientation sessions and workshops were presented on district request
2. Materials were available to co-operating school districts

INFORMATION
SOURCE

Dr. Carl Chiko, Director, EXPLO
Junior League of Denver
1305 South Bellaire Street, Suite 400, Denver 80222

STATE CAREER EDUCATION RESOURCES

I. State Coordinator for Career Education

The Colorado Department of Education (CDE), the State Board for Community Colleges and Occupational Education (SBCCOE), and the Colorado Commission on Higher Education (CCHE) have jointly appointed a state coordinator. This person is responsible to the three state educational agencies and coordinates all intra-agency activities. The coordinator assumes a leadership role in the development of the Career Education State Plan, guidelines for implementation, and preparation of legislative reports. The coordinator also provides leadership for the infusion of career education into the public school and higher education curricula through coordination of local, regional and state staff development; material and resource development and dissemination; community and state personnel involvement and evaluation. The state coordinator also serves as the executive secretary for the State Advisory Council for Career Education.

Contact: Dr. Arvin C. Blome
Colorado Department of Education
Telephone: 892-2241

II. Intra-Agency Career Education Supervisors

A. State Board for Community Colleges and Occupational Education

The SBCCOE has designated a full-time professional staff member as the Career Education supervisor. The SBCCOE assumes a joint leadership role with the Colorado Department of Education in the implementation and evaluation of the career exploration component, grades 7-10. Further, it assumes the leadership role in the implementation and evaluation of career skills preparation components at grades 11-12, as well as the area vocational school levels. The SBCCOE, cooperatively with the CDE and CCHE, will assist local school districts, boards of cooperative services, other consortiums and post-secondary institutions in a consultative role at all levels. This person serves on the State Advisory Council for Career Education.

Contact: Dr. Bill Barnes
State Board for Community Colleges and Occupational Education
Telephone: 892-3011

B. Colorado Department of Education

A full-time professional staff member is designated by the Colorado Department of Education as the Career Education supervisor. The Department will assume a leadership role in the implementation and evaluation of the career awareness component, primarily in grades K-6, throughout the state. It will jointly serve with SBCCOE in the leadership of the career exploration components, usually grades 7-10; and will, cooperatively with CCHE, provide full leadership toward academic preparation components at grades 11 and 12. The CDE, cooperatively with the SBCCOE and the CCHE, will assist local school districts, boards of cooperative services, other consortia, and post-secondary institutions in a consultative role at all levels. This person serves on the State Advisory Council for Career Education.

Contact: Jeanne Werschke, Colorado Department of Education
Telephone: 892-3382

C. Colorado Commission on Higher Education

In order to achieve a total comprehensive effort in Career Education, the CCHE has designated a professional staff member to work in cooperation with the CDE and the SBCCOE. In accordance with on-going efforts and activities in Career Education on the state level, the local school districts, boards of cooperative services and other consortia, the CCHE, based on staff and program needs, will assume a leadership role in encouraging development and implementation in the colleges and universities of non-degree, undergraduate and graduate offerings to include Career Education for their preservice and inservice teacher education students and teachers. Beyond this, the CCHE encourages the infusion of the Career Education concept throughout the entire post-secondary system with appropriate emphasis being given to the lifelong learning process. The CCHE, in cooperation with the SBCCOE and the CDE, will serve in a consultative role at all levels in the area of staff development, implementation and evaluation of Career Education. This person serves on the State Advisory Council for Career Education.

Contact: Dr. Keith Asplin
Colorado Commission on Higher Education
Telephone: 892-2723

D. State Board for Community Colleges and Occupational Education

A professional staff member has been designated by the Community Colleges to work in cooperation with the CDE, SBCCOE and CCHE. The State Board of Community Colleges and Occupational Education assumes a leadership role in the implementation and evaluation of career education at the community college and junior college levels. This person also serves in a consultative role at all levels and assists the other state agencies in providing services in local school districts, boards of cooperative services, other consortia and post-secondary institutions. This person serves on the State Advisory Council for Career Education.

Contact: Dr. John Glau
State Board for Community Colleges and Occupational Education
Telephone: 892-3151

POST-SECONDARY INSTITUTIONS

Post-secondary institutions in Colorado were requested to indicate what resources they could provide for school districts or school personnel in the area of Career Education. Their responses are listed with two-year institutions first and four-year institutions second. The first listing under each institution gives the on- and off-campus courses that are related to Career Education. The second listing of information gives the names of resource people in Career Education. The third listing includes any materials or other resources available through that institution.

TWO-YEAR INSTITUTIONS

Arapahoe Community College, 5900 South Santa Fe Drive, Littleton, Colorado 80120.

Courses: Occupational programs only (in Business, Health Occupations and Trade, Technical and Industrial areas). Off-campus courses on areas of interest are available through the Cooperative Adult Education program. Contact Robert Peterson, Director of Community Services.

Resource People: None listed.

Other Resources: None listed.

Colorado Northwestern Community College, Box 9010, Steamboat Springs, Colorado 80477

Courses: a. Career Planning, 1 credit, 1 semester, on campus. Deals with career information, values, lifestyle, leisure, decision-making, and decision implementation.
b. Workshops on campus can also be arranged.
c. Off-campus workshops on similar topic areas are offered in some area high schools to provide students with tools in relation to career planning.

Resource People: Anne Hardin, Career Guidance Specialist, 879-3288.

Other Resources: a. Career Information Center on campus
b. Career Day Fair

Community College of Denver, Red Rocks Campus, 12600 West 6th Avenue, Golden, Colorado 80401

Courses: Occupational programs only.

Resource People: Donald G. Lindahl, Dean of Occupational Studies, 988-6160. (Administered Education Curriculum Development grant.)

Other Resources: None listed.

El Paso Community College, 2200 Bott Avenue, Colorado Springs, Colorado 80904

Courses: None listed.

Resource People: Maurice E. Ransom, Supervisor, Area Vocational Program, 471-7546

Other Resources: El Paso Community College is working with Air Academy Junior High to provide a Career Awareness program for junior high students through their occupational programs.

Lamar Community College, Lamar, Colorado 81052

Courses: Use of Career Information class with Adams State graduate level credit for teachers and counselors.

Resource People: Chris Magnussen, Vocational Guidance and Job Development Specialist

Other Resources: None listed.

Morgan Community College, 300 Main Street, Fort Morgan, Colorado 80701

Courses: Occupational courses only.

Resource People: James Larson, Vocational Guidance Specialist, Merle Rhoades and Chuck Hamann, 867-8564

Other Resources: None listed.

Northeastern Junior College, Sterling, Colorado 80751

Courses: Cooperative Education occupational courses only.

Resource People: Dick Gritz, Director in area of Cooperative Education

Other Resources: None listed.

Otero Junior College, La Junta, Colorado 81050

Courses: a. Career Decision Making
b. Career Communication

Resource People: Jim Bowra, Vocational Guidance Specialist; Mike Erickson, Chairman, Directed Studies Department

Other Resources: Mobile Career Development unit contains vocational media for students and can provide in-service for school staffs focusing on the area of vocational guidance. John McFarland is the contact person.

Trinidad State Junior College, Trinidad, Colorado 81082

Courses: Occupational courses only.

Resource People: Martha Haun, Vocational Guidance Specialist, 846-5661

Other Resources: Media for Huerfano and Las Animas counties are available through Mrs. Haun's office. Topics vary widely from "Adolescent Experience: Shaping Identity" to "Jobs and Gender" to "Preparing for the World of Work".

FOUR-YEAR INSTITUTIONS

Adams State College, Alamosa, Colorado 81102

Courses: None listed.

Resource People: John Turano, 589-7436; Lloyd Swenson, 589-7631

Other Resources: None listed.

Colorado State University, Department of Vocational Education, Fort Collins, Colo. 80523

Courses: Those courses marked with an asterisk have primary content dealing with Career Education. The others have Career Education concepts infused within them.

Education Department: *Career Development Counseling
*Workshop Education/Career Education
*Seminar in Career Education
*Independent Field Study in Career Education
*Career Development Counseling
*Workshop Education/Career Education
*Seminar in Career Education
*Independent Field Study in Career Education
Evaluation of Achievement
Educational Media
Audio-Visual Methods and Materials
Current Classroom Techniques
Tests and Appraisals

Industrial Sciences: *Internship in Industrial Science/Career Education
*Independent Study/Career Education
*Industrial Science Workshop/Career Education
Independent Study/Career Education

Vocational Education: *Career Education Concepts
*Group Studies in Vocation Career Education
*Workshop in Vocation Career Education
*Individualized Studies in Vocation Career Education
*Internship in Vocational Education
*Individualized Studies in Vocation Career Education
*Group Studies in Vocation Career Education
Coordination Techniques for Cooperative Programs

Colorado State University (continued)

Vocational Education: Principles and Philosophy of Vocational Education
(continued) Occupational Career Counseling
Teaching and Programming for Students with Special Needs
Philosophy of Vocational Education
Functions and Concepts in Vocational Services
Internship in Vocational Education

Resource People:

Education Department:

Speciality:

Hubert Wolfe, Department Head	491-6474	Career Education Coordinating Council
Joseph Daly	491-6826	Career Education Resource Team
Robert Richburg	491-6009	Guidance and Counseling
Richard Klausmeier	491-5227	Social Sciences
		Media and Materials

Industrial Science:

B.D. Hayes, Department Head	491-6230	Career Education Coordinating Council Chairman
Maurice Thomas	491-5109	Career Education Resource Team, Exploratory Phase
Rodney Anderson	491-6230	Industrial Arts, IACP
Vern Oremus	491-5960	Industrial Arts

Physical Education:

Alvin Pettine, Department Head	491-5031	Career Education Coordinating Council
Nancy Shay	491-6155	Career Education Resource Team, Physical Education

Vocational Education:

B. Harold Anderson, Department Head	491-6317	Career Education Coordinating Council
Glen Rask	491-6859	Career Education Resource Team, Concept and Vocational Education
Harry Huffman	491-5267	Research (Curriculum Development, Vocational Education
Don Richardson	491-5097	Work Experience
Joe Roberts	491-5097	Community and Work Experience
Windol Wyatt	491-5805	Vocational Education

Other Resources: None listed.

Off-campus courses can be developed through John Snider, Center for Continuing Education, 491-5288.

Metropolitan State College, 250 West 14th Avenue, Denver, Colorado 80204

Courses: Primarily occupational courses on campus. A variety of workshops on topics such as "Morals, Values and Decisions" or "Interpersonal Communication" are available through the Learning for Living program at Metro State.

Resource People: None listed.

Other Resources: None listed.

Mesa College, Grand Junction, Colorado 81501

Courses: The Western Colorado Consortium for Continuing Education tries to develop programs upon demand from the resources of Mesa College, CU, Western State, CSU, UNC, Adams State, Fort Lewis College and western school districts. Contact Robert Moore, University of Colorado, 661 White Box 175, Grand Junction, Colorado 81501 (242-5731).

Resource People: Tom Graves, Robert Stokes, Lance Oswald, Box 2647, Grand Junction (248-1020).

Other Resources: None listed.

Southern Colorado State College, Division of Education, Pueblo, Colorado 81001

Courses: a. Graduate level courses: Career Education for Elementary Teachers
Problems in Career Education

b. Off-campus offerings can be arranged through the Continuing Education Office.

Resource People: a. Charles E. Tedrow, Industrial Education, Department, 545-4220 ext. 60
b. Kaye Hamm and Marlene McDaniels of District 60 (contact Roncalli Specialists Office, Pueblo 60 School District, Pueblo).

Other Resources: None listed.

University of Colorado at Denver, 1100 Fourteenth Street, Denver, Colorado 80202

Courses: EDUC 578 - Career Development
EDUC 406-3-050 - Human Resources in Education
Non-degree program through the Division of Continuing Education on skills for adults seeking a change in careers. Contact Stephen K. Merman.

Resource People: a. Bruce Bergland on Career Development (892-1117)
b. Stephen K. Merman (892-1117), and Amy Burton and Art Smith (State Department of Employment) on programs for adults seeking change in career direction.

Other Resources: None listed.

University of Denver, School of Education, Denver, Colorado 80210

Courses: Course in Counselor Education on implementing Career Education concepts into the curriculum.

Resource People: Jerry Schmidt, Counselor Education, consultant to Harrison School District Career Education program (753-2750 or 986-8016).

Other Resources: None listed.

University of Northern Colorado, Exemplary Career Education Project, Greeley, Colo. 80639

Courses: ICU 105 - Career Development (undergraduate level)
BEVE 580 - Career Education and Distributive Education
EDCI 508 - Career Education
VE 640 - Career Development
EDF 508 - Career Education for Teachers (this two-day off-campus workshop can be requested through Frank Cordell, Foundations of Education Department)
Other off-campus courses can be developed through the Center for Non-Traditional and Outreach Education (352-2891).

Resource People:

Warren Lasell, Exemplary Career Education Project, 106 Bishop-Lehr, UNC (351-2321)
-Management of Career Education
-Curriculum Development

Marcia Osborn (351-2321)
-Curriculum Development
-Materials and Methods in Career Education

Beverly Parks (351-2204)
-Materials and Methods in Career Education
-Curriculum Development
-Career Counseling

Frank Cordell (351-2347)
-Teaching Toward Career Education
-Utilization of Community Resources

Mike Flanagan (351-2321)
-Guidance

Kenneth Spooner (351-2434)
-Administration of Career Education
-Research in Education

Kenneth Frisbie (351-2116)
-Management of Career Education
-Curriculum Development

Bruce Gorge (351-2321)
-Curriculum Development
-Materials and Methods in Career Education

Mike Elliott (351-2321)
-Curriculum Development
-Materials and Methods in Career Education

University of Northern Colorado (continued)

Resource People (continued):

Louise Keller (351-2941)
-Management of Career Education
-Career Education Models

Maurice Ward (351-3075)
-Career Development

Other Resources: a. On-going program jointly operated by UNC and Weld County School District 6.
b. Career Education Materials Library (K-12) - contact Project (351-2321).

Western State College, Division of Education, Gunnison, Colorado 81230

Courses: On-campus - ED 233 - Workshop in Career Education (Spring, 1975)
ED 233 - Career Education for School Personnel (June-July, 1975)

Resource People: Jerrold T. Hanson (943-2173)
Daryl Jehle (943-2135)
Harrell Guard, who can be reached through Career Education, School District 60, 4202 Highway 76, Pueblo, Colorado 81004
William J. Nelson, who can be reached through the San Juan Basin Area Vocational Technical School, Cortez, Colorado 81321 (565-9232)

Other Resources: None listed.

APPENDIX

306 ESEA TITLE III COLORADO STATE FACILITATOR PROJECT

As a result of a grant submitted in the Spring of 1974, a project has been funded under ESEA Title III (306) to serve as an information and facilitation source for Colorado. The project was jointly supported by a wide range of educators in the state, including BOCs groups, elements in the Colorado Department of Education, some colleges and universities, and some professional organizations. This project is one of a number of "state facilitator" projects funded through the USOE and is incorporated in a national network to promote adoption of nationally-validated innovative projects.

The Colorado Project goals are to create a system which incorporates information, dissemination and facilitation of especially good education programs, practices, organizational services and locally-developed materials.

The Colorado State Facilitator Project now has information available upon request in two categories. One set of information deals with national programs validated by the USOE's Dissemination Review Panel. The Colorado Facilitator Office will provide awareness material on these programs as well as limited financial assistance in implementation of these programs by local districts. Types of DRP programs include Interdisciplinary Programs, Special Education, Reading/Language, Learning Environments, Physical Education, Occupational Education and Administration.

Programs that are purportedly effective and reported by local districts as a result of the Fall 1974 survey are also available on request. Categories covered in the survey include: Drop-Out Programs, Community Education, Career Education, Environmental Programs, Alternative Education, Individualized Education, Alcohol and Drug Education, Pre-K Childhood Education, Special Education, Staff and Organizational Development, Scheduling, Collective Bargaining, and Open-Space Schools.

For information on this material, please contact the following people:

Duane C. Webb, Director, 306 Project
Jeannette Wilson, Project Field Co-ordinator
William Davis, Project Intern
John Tesmer, Project Intern

Colorado State Facilitator Project
830 South Lincoln
Longmont, Colorado 80501

772-4420 (Longmont)
444-2084 (Denver-Boulder)