

DOCUMENT RESUME

ED 149 884

95

HC 010 262

TITLE Outdoor Education, A Bibliography of ERIC Abstracts: Supplement No. 7.

INSTITUTION New Mexico State Univ., University Park. ERIC Clearinghouse on Rural Education and Small Schools.

SPONS AGENCY National Inst. of Education (DHEW), Washington, D.C.

PUB DATE Jan 78

CONTRACT 400-75-0025

NOTE 113p.; For related document, see ED 136 971

AVAILABLE FROM National Educational Laboratory Publishers, Inc., 813 Airport Boulevard, Austin, Texas 78702 (Stock No. EC-060; \$6.00)

EDRS PRICE MF-\$0.83 HC-\$6.01 Plus Postage.

DESCRIPTORS *Abstracts; Activity Learning; *Annotated Bibliographies; Camping; *Conservation Education; Curriculum Guides; Elementary Education; *Environmental Education; Instructional Materials; Learning Activities; *Outdoor Education; *Periodicals; Resident Camp Programs; Resource Guides; Science Activities; Subject Index Terms; Teaching Guides

ABSTRACT

A supplement to seven previous bibliographies, this bibliography provides a guide to some of the latest resource material, research findings, and/or developments in outdoor education. Part I contains 68 citations and abstracts which appeared in "Resources in Education" (RIE) from the January 1977 issue through the October 1977 issue. Part II includes 39 citations of journal articles which appeared in "Current Index to Journals in Education" (CIJE) from the January 1977 issue through the October 1977 issue. In addition to outdoor education, the citations cover such topics as camping, conservation education, activity learning, elementary school science, ecology, environmental education, experiential learning, natural resources, nature centers, Outward Bound, science activities, self concept, resident camp programs, educational objectives, emotionally disturbed, environment, group experience, learning activities, leisure time, and orienteering. Types of materials cited include curriculum guides, research reports, resource guides, instructional materials, program descriptions, leaders guides, program evaluations, and teaching guides. A combined RIE and CIJE subject index is provided to assist the user in locating citations pertaining to a given subject area within the realm of outdoor education. Ordering information and a list of the 16 ERIC clearinghouses and their scopes are included. (HQ)

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ED149884

OUTDOOR EDUCATION
A BIBLIOGRAPHY OF
ERIC ABSTRACTS: SUPPLEMENT NO. 7

ERIC/CRESS

January 1978

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EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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CLEARINGHOUSE ON RURAL EDUCATION AND SMALL SCHOOLS (CRESS)

New Mexico State University
Las Cruces, New Mexico 88003

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January 1978

Purpose and Scope of ERIC

The Educational Resources Information Center (ERIC) is a federally funded national information system dedicated to the improvement of education through the dissemination of educational resources and research-related materials. ERIC aids school administrators, teachers, researchers, information specialists, professional organizations, students, and others in locating and using educational resources.

To achieve this purpose, the ERIC system processes documents for announcement in Resources in Education (RIE), a monthly publication containing abstracts of research, research-related reports, and resource materials in education. In addition, ERIC compiles the Current Index to Journals in Education (CIJE), a monthly index which draws from over seven hundred journals, quarterlies, annuals, and yearbooks.

Each of the ERIC network of clearinghouses has a particular area or scope of education. It is the responsibility of this Clearinghouse, the Clearinghouse on Rural Education and Small Schools (CRESS), to gather materials related to rural education, small schools, the American Indian, the Mexican American, the migrant, and outdoor education and to bring these materials into the national ERIC system. For information concerning other individual Clearinghouses and their respective scopes, consult the list at the back of this publication.

There are numerous complete microfiche collections of ERIC materials throughout the nation which may be used by the public. A list containing the locations of these standing orders may be obtained from ERIC Processing and Reference Facility, 4833 Rugby Avenue, Suite 303, Bethesda, Maryland 20014.

TABLE OF CONTENTS

| | |
|--|-----|
| About the Bibliography | v |
| Scope and Sources. | v |
| Terms. | v |
| Organization | v |
| Section I. <u>Resources in Education</u> | 1 |
| Key and Sample Abstract. | 2 |
| Citations from <u>Resources in Education</u> | 3 |
| Section II. <u>Current Index to Journals in Education</u> | 71 |
| Key and Sample Abstract. | 72 |
| Citations from <u>Current Index to Journals in Education</u> | 73 |
| Section III. RIE and CIJE Subject Index | 93 |
| Section IV. Previous Bibliographies. | 102 |
| Section V. List of ERIC Clearinghouses. | 104 |
| Section VI. Order Blank. | 108 |

About the Bibliography

Scope and Sources

This bibliography provides a guide to the latest resource material, research findings, and/or development in outdoor education. There have been seven previous bibliographies covering outdoor education. For a list of bibliographies, see the Table of Contents.* This bibliography is drawn from current issues of RIE and CIJE dating from the January 1977 issue through the October 1977 issue. In conducting the computer search of ERIC tapes to compile this bibliography, the search term used was All Outdoor. The only outdoor material excluded was that which was related to Outdoor Lighting, Outdoor Drama, or Outdoor Theaters.

Terms

Two types of descriptive terms are employed for RIE and CIJE: descriptors and Identifiers. Descriptors are technically meaningful words or phrases used to characterize, to index, and to retrieve documents and are incorporated in the Thesaurus of ERIC Descriptors.

Proper names of persons, geographical locations, trade names, and so on may also be important in describing a document. These terms, called Identifiers, are not found in the Thesaurus, but are included with RIE citations for descriptive purposes.

Organization of Bibliography

Each bibliographic citation is headed by an ERIC accession number. RIE entries are assigned an ED number; those from CIJE are assigned an EJ number. In both the RIE and CIJE sections, the citations begin with

*It should be noted that microfiche and hard copy prices in the previously published bibliographies do not reflect current ERIC Documents Reproduction Service pricing; however, prices given therein may be computed as per the instructions on the order blank appended to the present bibliography.

the lowest accession number and proceed to the highest. The index references are also by accession number.

Section I. Resources in Education

Section I contains citations and abstracts appearing in Resources in Education from the January 1977 issue through October 1977 issue. RIE contains subject, author, and institution indexes, along with document resumes which include the ERIC accession number, author(s), title, source(s), date of publication, ERIC Document Reproduction Service (EDRS) prices or an alternative availability, and the abstract.

When using the RIE section of this bibliography, the reader is encouraged: (1) to utilize the subject index in identifying relevant materials;

(2) to examine the resumes to determine appropriateness of materials and;

(3) to obtain microfiche or hard copy reproductions of documents from ERIC Document Reproduction Service.

The reproductions can be ordered as described on the order blank appended to the bibliography. Instructions for computing the price are also included on the order blank. When ordering any item, the RIE citations should be double checked. If the citation carries the statement NOT AVAILABLE FROM EDRS, an alternative availability is given. If the citation carries the statement HC NOT AVAILABLE FROM EDRS, the publication is available in microfiche only from EDRS. If neither of the foregoing statements appears with the RIE citation, it may be assumed that the publication is available from EDRS in microfiche and hard copy.

Section II. Current Index to Journals in Education

Section II of this bibliography covers citations from Current Index to Journals in Education beginning with the January 1977 issue through

the October 1977 issue. Entries listed in the CIJE sector of this bibliography are processed differently than are the RIE citations. Brief notations are provided only when it is thought that the article cannot be described adequately by a combination of major and minor descriptors, identifiers, and the information in the title. Each journal citation includes the publication date, article title, personal author(s), journal title (sometimes abbreviated), and information on the volume, number, and pages. There are two CIJE entries per page. Since CIJE entries are not available from ERIC Document Reproduction Service, the reader is encouraged to use his local library to locate the journals he wishes to use.

Section III. RIE and CIJE Subject Index

Section III is a combined RIE and CIJE subject index to assist the user in locating citations pertaining to a particular area concerning outdoor education.

Document Contributions

Persons desiring to contribute materials such as those cited in this bibliography may do so by sending one copy (two if available) to:

ERIC/CRESS Acquisitions
New Mexico State University
Box 3AP
Las Cruces, New Mexico 88003

SECTION I. CITATIONS FROM RESOURCES IN EDUCATION

Key to Citations

- AN - Accession number - identification number sequentially assigned to documents and/or journal articles as they are processed
- CHAN - Clearinghouse Accession Number
- TI - Title
- AU - Authors
- OS - Organizational Source
- SO - Source (as from a journal)
- PD - Publication Date
- NO - Number of Pages and Notes
- IS - Issue of RIE or RIJE in which citation appears
- PR - EDRS Price
- SPO - Sponsoring Organization
- AV - Alternate Availability
- CG - NIE or USOE Contract/grant number under which research was done
- BN - Bureau Number (report number given by originator)
- DT - Document Type
- IT - Index Terms - descriptors which characterize content
- ST - Supplementary Terms - Identifiers not found in Thesaurus of ERIC Descriptors
- AB - Abstract
- () - Abstractor's initials always placed at end of abstract

Sample Citation

- AN - ED129519
- CHAN - RC009480
- TI - AN ANALYSIS OF THE IMPACT OF OUTWARD BOUND ON TWELVE HIGH SCHOOLS.
- AU - SCHULZE, JOSEPH R.
- OS - OUTWARD BOUND, INC., GREENWICH, CONN.
- PD - 1 SEP 71
- NO - 156P.; NOT AVAILABLE IN HARD COPY DUE TO SMALL PRINT SIZE OF ORIGINAL DOCUMENT
- IS - RIE77FEB
- PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
- AV - OUTWARD BOUND, INC., 165 WEST PUTNAM AVENUE, GREENWICH, CONNECTICUT 06830 (\$1.00)
- SPO - CARNEGIE CORP. OF NEW YORK, N.Y.
- DT - R
- IT - BOARDING SCHOOLS; DAY SCHOOLS; EDUCATIONAL ALTERNATIVES
- IT - EDUCATIONAL OBJECTIVES; *EDUCATIONAL PHILOSOPHY; *HIGH SCHOOLS
- IT - INFORMATION DISSEMINATION; *OUTDOOR EDUCATION; PRIVATE SCHOOLS
- IT - *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; *PROGRAM EVALUATION
- IT - PUBLIC SCHOOLS; RURAL AREAS; SECONDARY EDUCATION; SUBURBS
- IT - URBAN AREAS
- ST - *EXPERIENTIAL LEARNING; *OUTWARD BOUND
- AB - DESCRIBING AND ANALYZING THE IMPACT OF OUTWARD BOUND (OB) PROGRAMS ON 12 HIGH SCHOOLS WHICH REFLECT OB INVOLVEMENT VARYING FROM 1 TO 5 YEARS AND INCLUDE URBAN, SUBURBAN, AND RURAL (PUBLIC, PRIVATE, BOARDING, AND DAY) SCHOOLS.

AN - ED128167
CHAN- SEC0891
TI - PROXIMITY CONGRUENCY AND PROXIMITY INCONGRUENCY: FACTORS
AFFECTING THE STATE OF THE ART OF ENVIRONMENTAL EDUCATION.
AU - PETERS, RICHARD
PD - MAY 76
NO - 12P.
TS - RIE77JAN
PR - EDRS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
DT - B
IT - *EDUCATIONAL PROGRAMS; *ELEMENTARY SECONDARY EDUCATION
IT - *ENVIRONMENTAL EDUCATION; *FUNDAMENTAL CONCEPTS; *INSTRUCTION
IT - OBJECTIVES; OUTDOOR EDUCATION; RESOURCE MATERIALS; TEACHER ROLE
AB - THIS PAPER PRESENTS ARGUMENTS FOR THE PREMISE THAT, FROM AN
INSTRUCTIONAL POINT OF VIEW, THE MOST EFFECTIVE ENVIRONMENTAL
EDUCATION PROGRAM IS ONE THAT PROVIDES FOR PROXIMITY CONGRUENCY
(DIRECT INTERACTION WITH THE NATURAL AND MAN-MADE ENVIRONMENT) AS
OPPOSED TO PROXIMITY INCONGRUENCY. THE AUTHOR SUGGESTS THAT IF
THE TEACHER IS INTERESTED IN EXPOSING THE STUDENT TO THE REAL
WORLD OF THE LIFE-SPACE ENVIRONMENT, THERE ARE SEVERAL ACTIVITIES
AND EXPERIENCES THAT CAN BE INCORPORATED INTO THE INSTRUCTIONAL
STRATEGY. THESE INCLUDE: (1) COMMUNITY STUDIES, (2) FIELD
STUDIES, (3) FIELD TRIPS, (4) GRAPHIC STUDIES, (5) NATURE WALKS,
(6) WEEKEND DAYTRIPS, AND (7) WEEKEND OVERNIGHT CAMPING TRIPS. A
REPRESENTATIVE SAMPLE OF ENVIRONMENTAL EDUCATION INFORMATION
AVAILABLE TO TEACHERS INCLUDING: FILMS, FILMSTRIPS, GAMES,
SIMULATIONS, PRINTED MATERIALS, PROJECTS AND ORGANIZATIONS, IS
PRESENTED. THIS PUBLICATION CONCLUDES BY LISTING ENVIRONMENTAL
PROBLEMS THAT NEED IMMEDIATE ATTENTION IN ENVIRONMENTAL EDUCATION
PROGRAMS. (BT)

4

AN - ED128245
 CHAN - S0009313
 TI - GEOGRAPHY VIA AERIAL FIELD TRIPS: DO IT THIS WAY. 6.
 AU - RICHASCA, BENJAMIN F., JR.; GUELL, CARL E.
 JS - NATIONAL COUNCIL FOR GEOGRAPHIC EDUCATION.
 PD - 65
 NO - 25P.; FOR RELATED DOCUMENTS, SEE ED 034 434 AND SO 009 309-314
 IS - RIE77JAN
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - NCGE CENTRAL OFFICE, 115 NORTH MARION STREET, OAK PARK, ILLINOIS
 60301 (\$1.00)
 DT - G
 IT - *AIRBORNE FIELD TRIPS; ELEMENTARY SECONDARY EDUCATION
 IT - FIELD TRIPS; GEOGRAPHIC REGIONS; GEOGRAPHY
 IT - *GEOGRAPHY INSTRUCTION; HIGHER EDUCATION; HUMAN GEOGRAPHY
 IT - LAND USE; OUTDOOR EDUCATION; *PHYSICAL GEOGRAPHY
 IT - PHYSICAL SCIENCES; PROGRAM PLANNING; TEACHING GUIDES
 IT - *TEACHING METHODS
 AB - TO PROVIDE GUIDANCE FOR GEOGRAPHY TEACHERS, THIS BOOKLET PRESENTS
 INFORMATION ON HOW TO PLAN AND EXECUTE AERIAL FIELD TRIPS. THE
 AERIAL FIELD TRIP CAN BE EMPLOYED AS AN EFFECTIVE VISUAL AID
 TECHNIQUE IN THE TEACHING OF GEOGRAPHY, ESPECIALLY FOR PRESENTING
 EARTH GENERALIZATIONS AND INTERRELATIONSHIPS. THE BENEFITS OF AN
 AERIAL FIELD TRIP ARE STUDYING A REGION FROM A HIGH VANTAGE POINT
 FOR A TOTAL VIEW, SURVEYING AN EXTENSIVE AREA WITHIN A SHORT
 PERIOD OF TIME, AND EXPERIENCING AIR TOPOGRAPHY AND CURRENTS.
 ELEMENTS TO CONSIDER WHEN PLANNING THE AERIAL FIELD TRIP INCLUDE
 SELECTING THE FEATURES TO BE VIEWED, DETERMINING THE FLIGHT
 ROUTE, LENGTH OF THE FIELD TRIP, SELECTING THE TYPE OF AIRCRAFT
 TO USE, HOW MANY AIRCRAFT TO USE, ALTITUDE AT WHICH TO FLY, WHEN
 TO SCHEDULE THE TRIP, COST OF THE AERIAL FIELD TRIP, AND
 PREPARATION OF FLIGHT MAP AND LOG. THE BOOKLET OFFERS SHORT
 SECTIONS CONTAINING IDEAS ABOUT PREFLIGHT CLASSES AND BRIEFING
 AND ABOUT POSTFLIGHT INTERROGATION AND REVIEW. TWENTY-FIVE
 PHOTOGRAPHS ILLUSTRATING DIFFERENT AERIAL VIEWS OF LAND CONCLUDE
 THE BOOKLET. (N7)

AN - ED129500
 CHAN- PC009454
 TI - THE IMPACT OF FAMILY LEISURE TIME PATTERNS ON JEWISH RESIDENT CAMPING.
 AU - ALTMAN, S. MORTON
 OS - NATIONAL JEWISH WELFARE BOARD, NEW YORK, N.Y.
 PD - APR 75
 NO - 36P.
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - R
 IT - BIRTH RATE; CHURCH PROGRAMS; COMMUNITY SURVEYS; DAY CAMP PROGRAMS
 IT - *FAMILY INVOLVEMENT; FAMILY MOBILITY; *JEWS; *LEISURE TIME
 IT - OUTDOOR EDUCATION; *PARENT ATTITUDES; QUESTIONNAIRES
 IT - RECREATIONAL ACTIVITIES; RELIGIOUS FACTORS
 IT - *RESIDENT CAMP PROGRAMS; SOCIOECONOMIC INFLUENCES
 IT - *SUMMER PROGRAMS
 AB - BASED ON THEIR GEOGRAPHICAL LOCATION AND THE RELATIVE SIZE OF THEIR CAMP OPERATION, 20 RESIDENT CAMPS WERE ASKED TO CONDUCT 30 TELEPHONE INTERVIEWS IN THEIR LOCAL COMMUNITY WITH PARENTS OF CHILDREN WHO: STILL ATTENDED THE CAMP, HAD PREVIOUSLY ATTENDED THE CAMP BUT DID NOT RETURN FOR THE SUMMER OF 1973, OR HAD NEVER ATTENDED THE CAMP. RESPONSES WERE RECEIVED FROM 16 CAMPS AND INTERVIEWS WERE COMPLETED WITH 275 FAMILIES. THESE PARENTS WERE ASKED ABOUT THEIR: REASONS FOR SENDING OR NOT SENDING THEIR CHILDREN TO RESIDENT CAMP; PREFERENCES FOR A DAY CAMP OR A RESIDENT CAMP; FAMILY LEISURE TIME AND VACATION PATTERNS; SUMMER ACTIVITIES; MEMBERSHIP IN SYNAGOGUES, TEMPLES, AND JEWISH COMMUNAL ORGANIZATIONS; AND SOCIOECONOMIC BACKGROUND. DATA WERE ALSO OBTAINED ON FAMILY MOBILITY AND BIRTH RATE OF THE JEWISH POPULATION. SOME FINDINGS WERE: NO SIGNIFICANT RELATIONSHIP WAS FOUND BETWEEN A FAMILY'S USE OF RESIDENT CAMP SERVICES AND THE EXTENT TO WHICH THEY VACATIONED TOGETHER; FAMILIES WITH CHILDREN ATTENDING RESIDENT CAMPS IN 1973 MOST FREQUENTLY CITED PERSONAL AND SOCIAL DEVELOPMENT OF THE CHILD AS THE MOST IMPORTANT REASONS FOR SELECTING THIS TYPE OF CAMP EXPERIENCE; AND CHILDREN WERE ATTENDING RESIDENT CAMPS FOR SHORTER REGISTRATION PERIODS THAN CHILDREN ATTENDING DAY CAMPS. (NQ)



AN - ED124516
 CHAN- R009473
 TI - THE EFFECTS OF OUTWARD BOUND PARTICIPATION UPON ANXIETY AND SELF
 CONCEPT,
 AU - KOEPKE, SHARCA MARGARET
 PD - DEC 73
 NO - 122P.; MS THESIS, PENNSYLVANIA STATE UNIVERSITY. FOR RELATED
 DOCUMENT, SEE ED 099 162
 IS - R1E77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$6.01 PLUS POSTAGE.
 AV - INTER-LIBRARY LOAN, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY
 PARK, PENNSYLVANIA 16802
 DT - T
 IT - AGE DIFF RENCES; *ANXIETY; CORRELATION; *HYPOTHESIS TESTING
 IT - MASTERS THESES; *OUTDOOR EDUCATION; PHYSICAL EDUCATION
 IT - *POSITIVE REINFORCEMENT; POST TESTING; PRETESTING; *SELF CONCEPT
 IT - *SEX DIFFERENCES; STRESS VARIABLES; STUDENT CHARACTERISTICS
 ST - EXPERIENTIAL LEARNING; GOUGH ADJECTIVE CHECK LIST; *OUTWARD BOUND
 ST - STATE TRAIT ANXIETY INVENTORY
 AB - THE RELATIONSHIP BETWEEN PHYSICALLY AND PSYCHOLOGICALLY STRESSFUL
 EXPERIENCES AND THE ANXIETY AND SELF CONCEPT OF 33 MALE AND 11
 FEMALE PARTICIPANTS (AGED 16-38 YEARS) IN A 23-DAY COLORADO
 OUTWARD BOUND (OB) COURSE WAS ANALYZED. IT WAS HYPOTHESIZED THAT
 THE EFFECTS OF THE OB EXPERIENCE WOULD: BE THE SAME FOR MALE AND
 FEMALE PARTICIPANTS; ALTER REAL SELF CONCEPT; ALTER THE
 DISCREPANCY BETWEEN REAL AND IDEAL SELF CONCEPT; CHANGE STATE
 ANXIETY; AND INCREASE THE RELATIONSHIP BETWEEN STATE AND TRAIT
 ANXIETIES AND REAL SELF CONCEPT. EMPLOYING PRE- AND POST-TESTING
 PROCEDURES, THE ANALYSIS INVOLVED 23 SCALES OF THE GOUGH
 ADJECTIVE CHECK LIST TO DELINEATE BOTH REAL AND IDEAL SELF
 CONCEPT AND THE STATE AND TRAIT SCALES OF THE STATE-TRAIT ANXIETY
 INVENTORY TO DETERMINE ANXIETY LEVELS. DATA WERE ANALYZED VIA THE
 WILCOXON MATCHED-PAIRS SIGNED-RANKS TEST, THE MANN-WHITNEY U
 TEST, AND THE SPEARMAN RANK ORDER CORRELATION COEFFICIENT.
 RESULTS INDICATED: FEMALE OB PARTICIPANTS SET HIGHER IDEALS FOR
 THEMSELVES THAN MALES, BUT MALE AND FEMALE ANXIETIES AND SELF
 CONCEPTS WERE MORE SIMILAR THAN DISSIMILAR; OB PARTICIPANTS
 EXPERIENCED CHANGES AT THE CONCLUSION OF THE COURSE, VIEWING
 THEMSELVES MORE POSITIVELY AND NARROWING THE GAP BETWEEN REAL AND
 IDEAL PERCEPTION; OB PARTICIPANTS EXHIBITED A HIGH ANXIETY LEVEL
 JUST PRIOR TO THE COURSE BUT DEMONSTRATED A CORRELATION BETWEEN
 LOW LEVELS OF ANXIETY AND POSITIVE SELF PERCEPTIONS. (JC)

AN - ED129518
 CHAN - RCC05479
 TI - OUTWARD BOUND AND HIGHER EDUCATION. A RATIONALE AND OUTLINE FOR COLLEGE DEVELOPMENT.
 AU - MEDRICK, FREDERICK W.
 JS - OUTWARD BOUND, INC., GREENWICH, CONN.
 NO - 14P.; NOT AVAILABLE IN HARD COPY DUE TO SMALL PRINT SIZE OF ORIGINAL DOCUMENT
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - OUTWARD BOUND, INC., 165 WEST PUTNAM AVENUE, GREENWICH, CONNECTICUT 06830 (\$0.50).
 DT - G
 IT - COURSE DESCRIPTIONS; DEFINITIONS; EDUCATIONAL ALTERNATIVES
 IT - *GUIDES; *HIGHER EDUCATION; *INSTITUTIONAL ROLE
 IT - LEARNING PROCESSES; *OBJECTIVES; *OUTDOOR EDUCATION; PHILOSOPHY
 IT - PROGRAM DESCRIPTIONS; *PROGRAM DEVELOPMENT; SELF ACTUALIZATION
 ST - EXPERIENTIAL LEARNING; *OUTWARD BOUND
 AB - PRESENTING A RATIONALE FOR EXPERIENTIAL LEARNING IN HIGHER EDUCATION AND AN OUTLINE FOR OUTWARD BOUND (OB) PROGRAM DEVELOPMENT. THIS GUIDE INCLUDES: (1) PERSONAL PRIORITIES IN AN OB PROGRAM (ENHANCING SELF-CONCEPT; RECOGNIZING INDIVIDUAL NEEDS; CLARIFYING VALUES; COPING WITH STRESS AND AMBIGUITY; IMPROVING INTERPERSONAL RELATIONS; FINDING COMMUNITY AND COMMONALITY); (2) OB INSTITUTIONAL PRIORITIES (EDUCATIONAL ALTERNATIVES; EXPERIENTIAL OPPORTUNITIES; STUDENT RESPONSIBILITY; STUDENT COMMITMENT/PARTICIPATION; CAMPUS ORIENTATION; INSTITUTIONAL NEEDS); (3) THE GOALS AND OBJECTIVES OF AN OB PROGRAM (PERSONAL DEVELOPMENT; INTERPERSONAL EFFECTIVENESS; ENVIRONMENTAL AWARENESS; EXPERIENTIAL LEARNING; VALUES CLARIFICATION; PHILOSOPHY; AND LIFE STYLES); (4) OB GOAL IMPLEMENTATION PROCESS (SKILLS TRAINING; PHYSICAL CHALLENGE; STRESS EXPERIENCES; PROBLEM SOLVING; SELF-ACTUALIZATION; REFLECTION; EVALUATION; AND SERVICE); (5) OB PROGRAM TYPES (THE TRADITIONAL 23-DAY WILDERNESS SURVIVAL EXPERIENCE; SPECIALLY DESIGNED COURSES MEETING SPECIFIC GROUP NEEDS; SHORT TERM COURSES FOR SPECIAL GROUPS; AND SEQUENTIAL COURSES); (6) INSTITUTIONS WITH OB PROGRAMS (COLORADO COLLEGE; PRESCOTT; DARTMOUTH; WHEATON COLLEGE VANGUARD SCHOOL; BOSTON UNIVERSITY; EVERGREEN STATE COLLEGE; UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE); (7) DEVELOPMENT PRIORITIES AND GOALS (STUDENT GROWTH; CURRICULUM INTEGRATION; FACULTY-STUDENT RELATIONS; LEADERSHIP; AND TEAM-BUILDING); (8) DEVELOPMENT APPROACHES. (JC)

AN - ED129519
 CHAN - RC009480
 TI - AN ANALYSIS OF THE IMPACT OF OUTWARD BOUND ON TWELVE HIGH SCHOOLS.
 AU - SCHULZE, JOSEPH R.
 OS - OUTWARD BOUND, INC., GREENWICH, CONN.
 PD - 1 SEP 71
 NO - 156P.; NOT AVAILABLE IN HARD COPY DUE TO SMALL PRINT SIZE OF ORIGINAL DOCUMENT
 IS - PIE77FEB
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - OUTWARD BOUND, INC., 165 WEST PUTNAM AVENUE, GREENWICH, CONNECTICUT 06830 (\$1.00)
 SPJ - CARNEGIE CORP. OF NEW YORK, N.Y.
 DT - R
 IT - BOARDING SCHOOLS; DAY SCHOOLS; EDUCATIONAL ALTERNATIVES
 IT - EDUCATIONAL OBJECTIVES; *EDUCATIONAL PHILOSOPHY; *HIGH SCHOOLS
 IT - INFORMATION DISSEMINATION; *OUTDOOR EDUCATION; PRIVATE SCHOOLS
 IT - *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; *PROGRAM EVALUATION
 IT - PUBLIC SCHOOLS; RURAL AREAS; SECONDARY EDUCATION; SUBURBS
 IT - URBAN AREAS
 ST - *EXPERIENTIAL LEARNING; *OUTWARD BOUND
 AB - DESCRIBING AND ANALYZING THE IMPACT OF OUTWARD BOUND (OB) PROGRAMS ON 12 HIGH SCHOOLS WHICH REFLECT OB INVOLVEMENT VARYING FROM 1 TO 5 YEARS AND INCLUDE URBAN, SUBURBAN, AND RURAL (PUBLIC, PRIVATE, BOARDING, AND DAY) SCHOOLS, THIS 1970-71 REPORT IS AIMED AT FURTHERING OB PHILOSOPHY AND METHOD. THE REPORT PRESENTS OB PROGRAM: BACKGROUND; EVALUATION PROCEDURES; INITIATION RATIONALE; FUNDING; IMPACT ANALYSIS; RECOMMENDATIONS; AND GENERALIZATIONS. BRIEF PROGRAM DESCRIPTIONS ARE PRESENTED IN THE APPENDIX FOR: EAST HIGH IN DENVER; TOLEDO PUBLIC SCHOOLS IN OHIO; TRENTON HIGH IN NEW JERSEY; CHURCHILL HIGH IN EUGENE, OREGON; CONCORD-CARLISLE IN MASSACHUSETTS; LINCOLN-SUDBURY IN MASSACHUSETTS; MINNETONKA HIGH IN EXCELSIOR, MINNESOTA; ST. ALBAN'S IN WASHINGTON D.C.; STERLING SCHOOL IN CRAFTSBURY COMMON, VERMONT; WEBB-BELL BUCKLE IN BELL BUCKLE, TENNESSEE; GERMANTOWN FRIENDS SCHOOL IN PHILADELPHIA; AND ADAMS CITY HIGH IN DENVER. MAJOR RECOMMENDATIONS PRESENTED ARE OB SHOULD: NOT IMPOSE ITS PHILOSOPHY UPON ITS PARTICIPATING SCHOOLS; BE SENSITIVE TO INSTITUTIONAL AND ADMINISTRATIVE PROGRAM READINESS; LEAVE PROGRAM DIRECTION/DEVELOPMENT TO SCHOOL PERSONNEL AS SOON AS POSSIBLE; CONSIDER THE KIND/DEGREE OF OB INVOLVEMENT (SPECIAL VS MAINSTREAM); AND CONTINUE TO ENCOURAGE INFORMATION DISSEMINATION AMONG PARTICIPATING SCHOOLS. THE CONCLUSIONS PRESENTED RE: OB IMPACT ARE OB PROGRAMS: FUNCTION AS A CATALYST; LEGITIMIZE EXPERIENTIAL EDUCATION; AND SERVE AS A VEHICLE FOR CURRICULUM REFORM. (JC)

AN - ED129520
 CHAN - RC009481
 TI - OUTWARD BOUND: A MEANS OF IMPLEMENTING GUIDANCE OBJECTIVES.
 AU - LOVETT, RICHARD A.
 PD - JUL 71
 NO - 63P.; MASTER'S PROJECT, UNIVERSITY OF TOLEDO
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 AV - OUTWARD BOUND, INC., 165 WEST PUTNAM AVENUE, GREENWICH,
 CONNECTICUT 06830 (\$1.00). INTER-LIBRARY LOAN, UNIVERSITY TOLEDO,
 TOLEDO, OHIO 43606
 DT - R
 IT - *COMPARATIVE ANALYSIS; COUNSELING EFFECTIVENESS
 IT - *COUNSELING GOALS; COUNSELOR ROLE; DECISION MAKING
 IT - *EDUCATIONAL OBJECTIVES; FEMALES; GRADE 11; GRADE 12; GUIDANCE
 IT - *HIGH SCHOOL STUDENTS; HYPOTHESIS TESTING; LITERATURE REVIEWS
 IT - MALES; MASTERS THESES; *OUTDOOR EDUCATION; *SELF CONCEPT
 IT - SOCIAL RELATIONS; SURVEYS
 ST - EXPERIENTIAL LEARNING; *OUTWARD BOUND; TOLEDO PUBLIC SCHOOLS ON
 AB - TESTING THE NULL HYPOTHESIS THAT THERE WOULD BE NO DIFFERENCES IN
 SELF REPORTS ON A SENTENCE COMPLETION QUESTIONNAIRE (10 ITEMS)
 RE: UNDERSTANDING OF SELF AND OTHERS BETWEEN 39 STUDENTS WHO HAD
 PARTICIPATED IN OUTWARD BOUND (OB) AND A MATCHED GROUP OF 39
 NON-PARTICIPANTS, 78 WOODWARD HIGH SCHOOL (TOLEDO, OHIO) MALE AND
 FEMALE, JUNIOR AND SENIOR STUDENTS WERE SURVEYED. LITERATURE IN
 THE COUNSELING FIELD WAS COMPARED WITH THAT OF OB FOR PURPOSES OF
 DEMONSTRATING THE COMPATIBILITY OF OB AND COUNSELING OBJECTIVES
 IN THE OB EXPERIENTIAL LEARNING SITUATION. RESULTS INDICATED:
 GUIDANCE COUNSELING AND OB OBJECTIVES WERE QUITE SIMILAR;
 COUNSELORS HAVE HAD DIFFICULTY FULFILLING THEIR OBJECTIVES IN THE
 TRADITIONAL SCHOOL SETTING; THE OB PROGRAM IS STRUCTURED SO AS TO
 FOSTER FULFILLMENT OF COUNSELING OBJECTIVES; OB STUDENT
 PARTICIPANTS WERE MORE POSITIVELY AWARE OF SELF AND MORE
 CONFIDENT IN DECISION MAKING AND SOCIAL INTERACTIONS THAN
 NON-PARTICIPANTS; STUDENTS WORKING WITH GUIDANCE COUNSELORS IN A
 PROGRAM BASED ON OB WOULD BECOME MORE AWARE OF SELF AND OTHERS
 THAN THOSE PARTICIPATING IN A SIMILARLY STRUCTURED PROGRAM
 WITHOUT THE PRESENCE OF GUIDANCE COUNSELORS; HIGH SCHOOL GUIDANCE
 COUNSELORS WORKING IN A PROGRAM PROMOTING OB CONCEPTS WOULD MORE
 LIKELY FULFILL THEIR TRUE COUNSELING ROLES AND FOSTER THE
 COUNSELING CONCEPTS THEIR PROFESSION MOST DESIRES TO PROMOTE. (JC)

AN - ED129521
 CHAN- RC005462
 TI - EVALUATION OF OUTWARD BOUND TEACHERS' PRACTICA (D-T3, C-36T, C-39T, SUMMER 1969).
 AU - HAWKES, GLENN; AND OTHERS
 OS - OUTWARD BOUND, INC., GREENWICH, CONN.
 PD - MAR 70
 NO - 51P.
 IS - RIE77FEB
 PR - EDPS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 AV - OUTWARD BOUND, INC., 165 WEST PUTNAM AVENUE, GREENWICH, CONNECTICUT 06830 (\$1.00)
 DT - R
 IT - ACADEMIC EDUCATION; DECISION MAKING; *GROUP DYNAMICS
 IT - *INDIVIDUAL DEVELOPMENT; LEARNING PROCESSES; MIGRANT WORKERS
 IT - *OUTDOOR EDUCATION; *PROGRAM EVALUATION; RURAL AREAS
 IT - SENSITIVITY TRAINING; SKILL DEVELOPMENT
 IT - STUDENT TEACHER RELATIONSHIP; *TEACHER EDUCATION; URBAN AREAS
 ST - COLORADO; DARTMOUTH COLLEGE; *EXPERIENTIAL LEARNING
 ST - *OUTWARD BOUND
 AB - THE PERSONAL AND PROFESSIONAL IMPACT OF TWO OUTWARD BOUND (OB) TEACHER'S PRACTICA (23-DAY COURSES INCLUDING GROUP AND SOLO WILDERNESS SURVIVAL, 3-DAY URBAN GHETTO, MIGRANT FAMILY EXPOSURE, AND ACADEMIC COMPONENTS) WERE EVALUATED BY A 5-MEMBER TEAM WHO ANALYZED POST-EXPERIENCE DATA DERIVED FROM PERSONAL INTERVIEWS (N=34); MAILED QUESTIONNAIRES (N=34); TAPES OF DEBRIEFING SESSIONS; TEACHER'S JOURNALS; AND FINAL PAPERS SUBMITTED BY THE PARTICIPANTS. A TOTAL OF 12 NATIONAL AND LOCAL OB STAFF MEMBERS WERE ALSO INTERVIEWED. GENERALLY, RESULTS INDICATED SIGNIFICANT CHANGES IN TEACHER BEHAVIOR (GREATER STUDENT SENSITIVITY, GREATER CONCERN FOR STUDENT NEEDS, AND LESS CONCERN FOR TRADITIONAL SCHOOL RITUALS AND CODES), BUT IT WAS RECOMMENDED THAT PROGRAM IMPROVEMENT COULD BE MADE VIA: GOAL CLARIFICATION; GREATER EMPHASIS ON THE RELEVANCE OF OB EXPERIENCES TO CLASSROOM TEACHING; GREATER OB STAFF SENSITIVITY TO THE NATURE OF TEACHERS; AN ACADEMIC COMPONENT THAT WAS MORE EXPERIENTIAL THAN THEORETICAL; A PREPARATORY READING LIST; LESS EMPHASIS UPON THE "PEAK EXPERIENCE" OF THE SOLO COMPONENT; INCLUSION OF THE HIGHLY SUCCESSFUL URBAN COMPONENT IN THE DARTMOUTH PROGRAM; GOAL CLARIFICATION OF THE MIGRANT COMPONENT FOR BOTH MIGRANT FAMILIES AND PARTICIPANTS; INCLUSION OF MORE SKILL TRAINING; RELOCATION OF THE DARTMOUTH COURSE TO A LESS INHABITED AREA; SUPPORTIVE FOLLOW-UP EFFORTS; MORE GROUP DECISION MAKING; ETC. (JC)

AN - ED129523
 CHAN - RCC09485
 TI - A MANUAL OF OUTDOOR EDUCATION.
 AU - MILLER, REX A.
 JS - CAMP SPEERS-ELJABAR YMCA, WESTFIELD, N.J.
 PD - 74
 NO - 103P.; NOT AVAILABLE IN HARD COPY DUE TO EXTENSIVE USE OF COLORED PAPER IN ORIGINAL DOCUMENT
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - G
 IT - BIBLIOGRAPHIES; CREATIVE ART; *CURRICULUM GUIDES; DEFINITIONS
 IT - *DISCOVERY LEARNING; GROUP DYNAMICS; INTEGRATED ACTIVITIES
 IT - INTERDISCIPLINARY APPROACH; LANGUAGE ARTS; *LEADERS GUIDES
 IT - LEADERSHIP; LEARNING ACTIVITIES; *LESSON PLANS; MATHEMATICS
 IT - NATURAL SCIENCES; *OUTDOOR EDUCATION; PHYSICAL EDUCATION
 IT - RECREATION; *RESIDENT CAMP PROGRAMS; SENSORY EXPERIENCE
 IT - SOCIAL SCIENCES
 AB - WITHIN THE REALM OF OUTDOOR EDUCATION, THERE ARE AS MANY DEFINITIONS OF WHAT IT IS OR WHAT IT ISN'T AS THERE ARE BOOKS. ONE DEFINITION IS THAT OUTDOOR EDUCATION IS TEACHING OUTSIDE THE CLASSROOM. IT COMBINES WITH AND BLENDS AS PART OF THE TOTAL CURRICULUM. THIS HANDBOOK IS DESIGNED AS A MANUAL TO HELP TRAIN AND SUPPORT STAFF RELATED TO OUTDOOR EDUCATION PROGRAMS. ALTHOUGH IT IS SPECIFICALLY ORIENTED TOWARD RESIDENT OUTDOOR EDUCATION PROGRAMS, MOST OF THE MATERIAL HAS BEEN GENERALIZED AND CAN EASILY BE USED BY A SCHOOL OR RESIDENT CENTER IN DEVELOPING AN APPROACH TO OUTDOOR EDUCATION. THE HANDBOOK INCLUDES: (1) DISCUSSIONS OF SENSORY AWARENESS, DISCOVERY LEARNING, GROUP DYNAMICS AND LEADERSHIP, AND THE THREE-LEGGED STOOL OF GROUP FUNCTION; STYLES OF LEADERSHIP; (2) LESSON UNITS FOR TEACHING CREATIVE ARTS, LANGUAGE ARTS, NATURAL SCIENCE, MATH, PHYSICAL EDUCATION AND RECREATION, AND SOCIAL SCIENCE; AND (3) SAMPLES OF FORMS, LISTS, AND EVALUATIONS, I.E., LETTER TO PARENTS, EQUIPMENT LIST, HEALTH FORM, PERMISSION SLIP FORM, A DAILY PROGRAM SCHEDULE, CAMP RULES AND REGULATIONS, DINING ROOM PROCEDURE (FAMILY STYLE FEEDING), SCHOOL MENU LIST, ACTIVITY SIGN-UP SHEETS, STUDENT INSTRUCTORS' RESPONSIBILITIES AND CAMP CONTRACT, AND PARENT ON-SITE EVALUATION. A 20-ITEM BIBLIOGRAPHY ON THEORIES AND PRACTICES OF OUTDOOR EDUCATION IS INCLUDED. (NO)

AN - ED129524
 CHAN - RC005467
 TI - A TWO-WEEK RESIDENT CAMP OFFERING THE PRIMARY OBJECTIVE OF
 PREDETERMINED ATTITUDE CHANGE FOR EARLY ADOLESCENTS.
 AU - COONS, ERNEST M.
 PD - MAY 73
 NO - 212P.; PH.D. DISSERTATION, UNIVERSITY OF NEW MEXICO
 IS - RIE77FEP
 PP - DOCUMENT NOT AVAILABLE FROM EDRS.
 AV - INTER-LIBRARY LOAN, UNIVERSITY OF NEW MEXICO, ALBUQUERQUE, NEW
 MEXICO 87106
 DT - T
 IT - *ADOLESCENTS; *CHANGING ATTITUDES; COMPARATIVE ANALYSIS
 IT - DISADVANTAGED YOUTH; DOCTORAL THESES; EDUCATIONAL ATTITUDES
 IT - EDUCATIONAL DEVELOPMENT; LEARNING PROCESSES; LITERATURE REVIEWS
 IT - OUTDOOR EDUCATION; *PERCEPTUAL DEVELOPMENT; PROGRAM DEVELOPMENT
 IT - RATING SCALES; *RESIDENT CAMP PROGRAMS; *SELF CONCEPT
 IT - SOCIOECONOMIC INFLUENCES; SOCIOMETRIC TECHNIQUES
 IT - STUDENT ATTITUDES; VOCABULARY
 AB - A 12-DAY RESIDENT CAMP EXPERIENCE OFFERING THE PRIMARY OBJECTIVE
 OF PREDETERMINED ATTITUDINAL CHANGE FOR THE PARTICIPANTS WAS
 DEVELOPED AND COMPARED WITH A 12-DAY "TYPICAL CAMP" PROGRAM.
 AREAS OF CONCERN WERE THE DEVELOPMENT OF A MORE POSITIVE
 SELF-CONCEPT AND MORE POSITIVE ATTITUDES TOWARD SCHOOL AND THE
 LEARNING PROCESS. BASIC PURPOSE OF THE "TYPICAL CAMP" PROGRAM WAS
 TO USE THE SAME FACILITIES, STAFF, AND SIMILAR POPULATION AS A
 CONTROL GROUP TO COMPARE THE PROGRAMS. THE SAMPLE INCLUDED
 CHILDREN, AGE 10-13, DEFINED AND SELECTED AS EITHER CULTURALLY,
 EDUCATIONALLY, SOCIALLY OR ECONOMICALLY DISADVANTAGED, AND
 CHILDREN FROM THE SAME SCHOOLS WHO HAD PROVEN LEADERSHIP ABILITY
 AND POSITIVE ATTITUDES TOWARD SCHOOL. RATING SCALES WERE
 DEVELOPED WHICH PARALLEL THE FIVE ELEMENTS IDENTIFIED AS BEING
 THE MAJOR FACTORS COMPRISING SELF-CONCEPT AND ATTITUDES TOWARD
 LEARNING: PHYSICAL, SOCIAL-ETHICAL, AND PSYCHO-SEXUAL
 PERCEPTIONS; AND ATTITUDES TOWARD THE VALUE OF LEARNING, OF
 SCHOOL, AND OF THE TEACHER IN THE LEARNING PROCESS. DEVELOPED
 WEPE: SELF-RATING, STAFF-RATING, AND GUIDANCE STAFF RATING SCALES
 AND A "GUESS WHO" SOCIOMETRIC TECHNIQUE. THE THREE RATING SCALES
 INDICATED THAT MORE POSITIVE ATTITUDES RESULTED FROM THE
 EXPERIMENTAL GROUP THAN FROM THE CONTROL GROUP AT THE .05 LEVEL
 OF CONFIDENCE. THE RESULTS OF THE SOCIOMETRIC ADMINISTRATION IN THE
 EXPERIMENTAL GROUP ALSO SUPPORTED THIS CHANGE. (NQ)

AM - ED129528
 CHAN - RC009493
 TI - OUTDOOR PURSUITS: SELF TO NATURE ACTIVITIES -- A SUPPLEMENT TO THE PHYSICAL EDUCATION COURSE OF STUDY. THE PROTESTANT SCHOOL BOARD OF GREATER MONTREAL, MARCH 1974.
 AU - MINGIE, WALTER; AND OTHERS
 OS - PROTESTANT SCHOOL BOARD OF GREATER MONTREAL (ONTARIO).
 PD - MAR 74
 NJ - 48P.
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - G
 IT - ACADEMIC ENRICHMENT; *ACTIVITY LEARNING; ATHLETIC EQUIPMENT
 IT - CAMPING; CLASS ORGANIZATION; *COURSE CONTENT
 IT - ELEMENTARY SECONDARY EDUCATION; *GUIDELINES; INSTRUCTIONAL AIDS
 IT - LEARNING ACTIVITIES; *NEEDS; OBJECTIVES; *OUTDOOR EDUCATION
 IT - *PHYSICAL EDUCATION; PHYSICAL RECREATION PROGRAMS; SAFETY
 IT - SKILL DEVELOPMENT; SUPPLEMENTARY EDUCATION
 AR - IN KEEPING WITH THE DEPARTMENT OF EDUCATION'S COURSE CONTENT IN PHYSICAL EDUCATION, THIS SUPPLEMENT TO THE PHYSICAL EDUCATION COURSE OF STUDY WAS PREPARED. SUGGESTIONS FOR TEACHING AND ORGANIZING CLASSES IN 16 "SELF TO NATURE" ACTIVITIES ARE OUTLINED. ACTIVITIES ARE: BACKPACKING, BICYCLING, BOATING, CAMPING, CANOEING, FISHING, HERBERTISME (AN OUTDOOR GYMNASTIC OR OBSTACLE COURSE), MOUNTAINEERING, ORIENTEERING, SAILING, SKATING, SKIING (ALPINE AND CROSS COUNTRY), SNOWSHOEING, SWIMMING, AND TOBOGGANING. OBJECTIVES, EQUIPMENT NEEDED, SKILLS, PRECAUTIONS NECESSARY, CLASS ORGANIZATION, AND PRELIMINARY INSTRUCTIONS ARE GIVEN FOR EACH ACTIVITY. THE LOCATION OF THE SCHOOL IN RELATION TO THE FACILITIES REQUIRED, THE AVAILABILITY OF THE EQUIPMENT NEEDED, AND THE ABILITY OF THE STAFF TO CONDUCT CLASSES IN THESE OUTDOOR PURSUITS, WILL DETERMINE WHAT ACTIVITIES CAN BE OFFERED TO THE STUDENTS. SCHOOLS WHICH HAVE CONDUCTED CLASSES IN THESE OUTDOOR PURSUITS HAVE FINANCED THE FACILITIES, EQUIPMENT AND TRANSPORTATION THROUGH SUCH MEANS AS THE ATHLETIC BUDGET, FIELD TRIP BUDGET (TRANSPORTATION), DIRECT CHARGE TO THE PARTICIPANTS, STUDENT SPONSORED MONEY RAISING EVENTS, AND ASSISTANCE FROM THE HOME AND SCHOOL ASSOCIATION. (NQ)

- AN - ED129529
 CHAN - RC009454
 TI - PREPARING PUPILS FOR RESIDENT OUTDOOR EDUCATION: A GUIDE BASED ON TWO CLASSES OF 6TH GRADE PUPILS. THE PROTESTANT SCHOOL BOARD OF GREATER MONTREAL, JANUARY 1975.
 AU - MINGIE, WALTER; AND OTHERS
 OS - PROTESTANT SCHOOL BOARD OF GREATER MONTREAL (ONTARIO).
 PD - JAN 75
 NC - 16P.
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
 DT - G
 IT - *ACTIVITY-LEARNING; CAMPING; CLASSIFICATION; CULTURAL AWARENESS
 IT - DANCE; ELEMENTARY EDUCATION; FIRST AID; FOLK CULTURE; GEOLOGY
 IT - GRADE 6; INSTRUCTIONAL AIDS; *LEARNING ACTIVITIES; MUSIC
 IT - *OUTDOOR EDUCATION; *RESIDENT CAMP PROGRAMS; *RESOURCE GUIDES
 IT - SAFETY; TREES
 AB - THE RESIDENTIAL OUTDOOR PROGRAM INVOLVED 60 SIXTH GRADE STUDENTS, DIVIDED INTO 5 GROUPS, DISTRIBUTED AS EVENLY AS POSSIBLE. EACH GROUP CONSISTED OF LEADERS, FOLLOWERS, AND CHILDREN WITH EXPERIENCE IN THE FIELD AND THOSE WITHOUT EXPERIENCE. TEACHERS WERE ALSO DIVIDED INTO 5 GROUPS. USUALLY TWO OR THREE WORKING TOGETHER. EACH TEAM OF TEACHERS CHOSE TWO TOPICS WHICH THEY CONSIDERED THE MOST BENEFICIAL FOR THEIR CHILDREN'S TRAINING. EACH TEAM TAUGHT BOTH OF THEIR TOPICS FIVE TIMES; THUS, EACH GROUP OF CHILDREN EXPERIENCED ALL TOPICS. TOPICS WERE: COOKING, MUSIC, FIRST AID, WATERPROOFING, EROSION AND LAND FORMS, SHELTERS AND LATRINES, TREES, AMERICAN INDIAN LORE, ORIENTEERING, WATER SAFETY, AND TRACKS IDENTIFICATION. A GENERAL SESSION WAS HELD FOR ALL CHILDREN AND STAFF TO LEARN FOLK DANCING. THIS GUIDE BRIEFLY OUTLINES THE PUPILS' PREPARATION IN EACH TOPIC FOR THEIR RESIDENTIAL OUTDOORS SCHOOL. (NQ)

- AN - ED129530
 CHAN - R0009496
 TI - SCHOOLYMPIC ACTIVITIES, 75-76. (ACTIVITES ECOLYMPIQUES, 75-76.)
 THE PROTESTANT SCHOOL BOARD OF GREATER MONTREAL, FEBRUARY 1975.
 AU - HUTTON, LEE, COMP.; AND OTHERS
 CS - PROTESTANT SCHOOL BOARD OF GREATER MONTREAL (ONTARIO).
 PD - FEB 75
 NO - 57P.; IN FRENCH AND ENGLISH
 IS - R1E77FER
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 DT - C
 IT - BILINGUAL EDUCATION; CREATIVE ART; *CURRENT EVENTS
 IT - *CURRICULUM GUIDES; ELEMENTARY SECONDARY EDUCATION; FILMS; FRENCH
 IT - GROUP ACTIVITIES; HISTORY; *INTERDISCIPLINARY APPROACH
 IT - KINESTHETIC PERCEPTION; LANGUAGE ARTS; *LEARNING ACTIVITIES
 IT - MOTIVATION TECHNIQUES; MUSIC; OUTDOOR EDUCATION
 IT - PHYSICAL EDUCATION; *SIMULATION; SOCIAL SCIENCES
 IT - STUDENT MOTIVATION
 ST - *OLYMPIC GAMES
 AB - COMPILED BY THE CURRICULUM DEPARTMENT OF THE PROTESTANT SCHOOL BOARD OF GREATER MONTREAL, THIS FRENCH AND ENGLISH GUIDE IS INTENDED TO AID TEACHERS TO CAPITALIZE UPON THE OLYMPIC GAMES TO PROMOTE EDUCATIONALLY SOUND ACTIVITIES. THE OBJECTIVE IS TO DEVELOP AN INTEREST IN THE STUDENTS OF THE AIMS OF THE OLYMPIC MOVEMENT AND TO DEVELOP A SOUND MIND IN A SOUND BODY. THE GUIDE INCLUDES THE OLYMPIC MOTTO, SPIRIT, AND SYMBOLS; THE OLYMPIC ANTHEM; OBJECTIVES OF THE OLYMPIC MOVEMENT; A BRIEF HISTORICAL BACKGROUND OF THE OLYMPIC GAMES; AND THE OLYMPIC STANDARDS FOR MEN AND WOMEN. USING THE OLYMPICS AS A THEME, ACTIVITIES ARE GIVEN FOR TEACHING LANGUAGE ARTS (UPPER ELEMENTARY AND JUNIOR HIGH), ART, CREATIVE ARTS AND CRAFTS, HOME ECONOMICS, MUSIC, MOVEMENT EDUCATION, PHYSICAL EDUCATION, AND SOCIAL SCIENCES. (NQ)

AN - ED129531
 CHAN - PC009497
 TI - LOCATE, PLAN, DEVELOP, USE AN OUTDOOR CLASSROOM.
 OS - SOIL CONSERVATION SERVICE (DOA), UPPER DARBY, PA.
 PD - APR 75
 NO - 25P.
 IS - R1E77FEE
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - G
 IT - ACTIVITIES; ADVISORY COMMITTEES; ANNOTATED BIBLIOGRAPHIES
 IT - COMMUNITY INVOLVEMENT; DISCOVERY LEARNING; EDUCATIONAL OBJECTIVES
 IT - ELEMENTARY SECONDARY EDUCATION; FACILITIES; *GUIDES
 IT - LANGUAGE ARTS; MATHEMATICS; NATURAL RESOURCES; NEEDS ASSESSMENT
 IT - *OUTDOOR EDUCATION; *PLANNING; *PROGRAM DEVELOPMENT
 IT - RESOURCE GUIDES; SCIENCES; *SITE DEVELOPMENT; *SITE SELECTION
 AB - DESIGNED TO AID EDUCATIONAL INSTITUTIONS AND COMMUNITY
 ORGANIZATIONS IN SELECTING, PLANNING, DEVELOPING AND USING
 OUTDOOR LEARNING AREAS AS OUTDOOR CLASSROOMS, THIS GUIDE
 INCLUDES: (1) LEARNING BY DISCOVERY (SCIENTIFIC, CULTURAL, AND
 RECREATIONAL GOALS); (2) THE INITIAL PLANNING EFFORT (USE OF: A
 PLANNING COMMITTEE INCLUDING TEACHERS, ADMINISTRATORS, LOCAL
 LEADERS, AND STUDENTS; A TECHNICAL ADVISORY COMMITTEE; SOILS
 MAPS; NATURAL RESOURCE INVENTORIES; REFERENCE BOOKS); (3) SITE
 SELECTION (EXAMPLES OF SITES WITH: SCHOOL PROXIMITY; SOIL
 DIVERSITY; WATER; SPECIFIC VEGETATION; ETC.); (4) SOILS MAPPING
 AND RESOURCE INVENTORY (DEVELOPMENT OF: MAPS WITH PHOTOGRAPHIC
 ENLARGEMENTS; SITE VISITS; AN AGRONOMIC AND TOWN/COUNTRY PLANNING
 BALANCE; AREA INVENTORIES SUCH AS CUTOVER WOODLAND, WET, WHITE
 PINE AND POND, BROOK, AND WOODLAND AREAS); (5) PLANNING THE
 OUTDOOR CLASSROOM (FACILITIES AND SPECIAL STUDY POINTS SUCH AS:
 SOIL EROSION; WEATHER STATIONS; PIONEER LIVING; OBSERVATION
 PLATFORMS; ORIENTATION COURSES; SOIL PROFILES; WATER WELLS; TREE
 STUMPS; TRAILS; ETC.); (6) SITE DEVELOPMENT (FINANCING, STUDENT
 CONSTRUCTION, COMMITTEES, ETC.); (7) USING AND MAINTAINING AN
 OUTDOOR CLASSROOM (SUGGESTIONS RE: BIOLOGY, CHEMISTRY, MATH,
 ARTS, SHOP, HOME ECONOMICS, SOCIAL STUDIES, VOCATIONAL
 AGRICULTURE, ECOLOGY, COMMUNICATION, AND ENGLISH); (8)
 BIBLIOGRAPHY (24 ANNOTATED CITATIONS AND TWO FILMS). (JC)

AN - FD125532
 CHAN - RC005458
 TI - OUTDOOR EDUCATION FOR EMOTIONALLY HANDICAPPED STUDENTS IN CENTRAL
 NEW YORK. FINAL REPORT, SEPTEMBER 1975. A REPORT ON PROJECT
 75-940 FOR HANDICAPPED CHILDREN UNDER TITLE VI-B (AUGUST 1,
 1974-JULY 31, 1975).
 AU - MILLER, JAMES
 OS - CNANDAGA NATURE CENTERS, INC., BALDWINVILLE, N.Y.
 PD - SEP 75
 NC - 70P.
 IS - RIE77FER
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 SPD - BUREAU OF EDUCATION FOR THE HANDICAPPED (DHEW/OE), WASHINGTON,
 D.C.
 SPD - NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU FOR MENTALLY
 HANDICAPPED CHILDREN.
 DT - R
 IT - COMMUNICATION SKILLS; COMPARATIVE ANALYSIS
 IT - EDUCATIONAL OBJECTIVES; *EFFECTIVE TEACHING
 IT - *FUNCTIONALLY DISTURBED; ENVIRONMENTAL EDUCATION
 IT - FORMATIVE EVALUATION; MOTOR DEVELOPMENT; *OUTDOOR EDUCATION
 IT - PARTICIPANT INVOLVEMENT; PILOT PROJECTS; *PROGRAM EVALUATION
 IT - SELF CONCEPT; SOCIAL DEVELOPMENT; SPECIAL EDUCATION
 IT - *STUDENT ATTITUDES; *STUDENT BEHAVIOR; STUDENT DEVELOPMENT
 IT - TEACHER EVALUATION
 ST - ELEMENTARY SECONDARY EDUCATION ACT TITLE VI B; ESEA TITLE VI B
 ST - *NEW YORK (CENTRAL)
 AB - PRE- AND POST-TESTS WERE ADMINISTERED TO THREE TREATMENT (136
 EMOTIONALLY HANDICAPPED, 8 PHYSICALLY HANDICAPPED, AND 79
 TRAINABLE MENTALLY RETARDED STUDENTS) AND TWO NON-TREATMENT
 GROUPS (11 EMOTIONALLY HANDICAPPED AND 70 NON-HANDICAPPED
 STUDENTS) FOR PURPOSES OF ASSESSING TEACHER, STUDENT, AND PROGRAM
 CENTERED OBJECTIVES. ADMINISTERED OR COMPLETED BY THE 21 TEACHERS
 INVOLVED, THE INSTRUMENTS EMPLOYED WERE: THE STUDENT CONTENT
 TEST; THE STUDENT ATTITUDE SURVEY; THE GENERAL CLASSROOM BEHAVIOR
 TEACHER RATING SCALE; THE PARTICIPANT EVALUATION; AND THE
 PARTICIPANT NARRATIVE EVALUATION. THE FOUR TEACHER CENTERED
 OBJECTIVES FOCUSED ON KNOWING THE WHAT, WHERE, HOW, AND WHY OF
 OUTDOOR TEACHING; THE THREE STUDENT CENTERED OBJECTIVES FOCUSED
 ON INCREASED COMPREHENSION OF THE NATURAL WORLD, SELF, AND
 OTHERS; AND THE PROGRAM OBJECTIVES FOCUSED ON IMPROVEMENT OF
 STUDENT COMMUNICATION SKILLS, UNDERSTANDING RE: LOCAL-ENVIRONMENT
 AND ENVIRONMENTAL PROBLEMS, SOCIAL RESPONSES, AND
 MANIPULATIVE/MOTOR SKILLS. RESULTS INDICATED 7 OF THE 13
 OBJECTIVES WERE MET AND 3 WERE PARTIALLY MET, WHILE 3 OF THE
 PROGRAM OBJECTIVES WERE NOT DIRECTLY MEASURABLE. SINCE 3 OF THE
 13 OBJECTIVES WERE NOT MEASURABLE, IT WAS CONCLUDED THAT THE
 PROJECT WAS NEARLY 100% SUCCESSFUL. (JC)

AN - ED129533
 CHAV - RCC05C2
 TI - RINGED BIRDS: STORY OF BIRD BANDING AT THE LORADO TAFT FIELD
 CAMPUS, 1956-1973. TAFT CAMPUS OCCASIONAL PAPER NO. 18.
 AU - GUPTILL, WAYNE; WADE, DOUGLAS E.
 OS - NORTHERN ILLINOIS UNIV., OREGON. LORADO TAFT FIELD CAMPUS.
 PD - 6 MAY 74
 NG - 19P.
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
 DT - R
 IT - *ANIMAL BEHAVIOR; BIBLIOGRAPHIES; EDUCATIONAL PHILOSOPHY
 IT - *LEARNING ACTIVITIES; *OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS
 IT - RECORDKEEPING; RESEARCH METHODOLOGY; *TEACHER EDUCATION
 ST - *BIRD BANDING; *NORTHERN ILLINOIS UNIVERSITY TAFT FIELD CAMPUS
 AB - PUBLISHED TO AID STUDENTS IN COMPREHENDING THE PHILOSOPHY OF THE
 DEPARTMENT OF OUTDOOR TEACHER EDUCATION AT NORTHERN ILLINOIS
 TAFT FIELD CAMPUS, THIS PAPER ON BIRD BANDING ENCOMPASSES: (1) A
 BRIEF HISTORY OF BIRD BANDING; (2) THE RATIONALE BEHIND BIRD
 BANDING; (3) A DESCRIPTION OF THE BIRD BANDING STATION AT THE
 LORADO TAFT FIELD CAMPUS AND ITS HISTORY FROM 1956 TO 1973,
 INCLUDING A SUMMARY OF THE NUMBER AND SPECIES OF BIRDS BANDED;
 (4) THE TYPES OF TRAPS USED; (5) TAFT'S RECORD KEEPING
 PROCEDURES, INCLUDING EXEMPLARY FORMS; (6) AN ANALYSIS OF THE
 TAFT STATION BANDING RECORDS; (7) STATISTICS RELATIVE TO THE TAFT
 BIRDS FOUND ELSEWHERE; (8) THE MORTALITY RATE OF THE BIRDS BANDED
 AT TAFT; (9) STATISTICS ON BIRD MIGRATION PATTERNS; (10)
 PREVENTION OF THE HARMFUL USE OF BIRD BANDS; (11) THE POPULATION
 DYNAMICS OF TAFT BIRDS; (12) THE YEARLY PERCENTUM OF RETURNS OF
 THE BIRDS BANDED AT TAFT; (13) THE LONGEVITY OF BIRDS; (14) THE
 EDUCATIONAL IMPLICATIONS OF BANDING ACTIVITIES; (15) SUGGESTIONS
 FOR IMPROVEMENT OF BIRD BANDING AT TAFT (E.G., PROMOTE ANNUAL
 WORKSHOPS ON BIRD BANDING; REQUIRE A SHORT COURSE ON BIRD BANDING
 FOR ALL GRADUATE ASSISTANTS AT TAFT; DEVELOP A COLOR BANDING
 PROCEDURE; IMPROVE/STANDARDIZE THE WEATHER STATION; PREPARE
 PUBLICATIONS RE: BANDING OUTCOMES; PROMOTE SUSTAINED RESEARCH;
 ETC.); (16) A BIRD BANDING BIBLIOGRAPHY (7 PERIODICALS, 2
 CATALOGUES, AND 17 ANNOTATED BOOK, ARTICLE, AND PAMPHLET
 CITATIONS). (JC)

AN - ED129534
 CHL - RCC09503
 TI - GLOSSARY OF WATER RESOURCES TERMS. TAFT CAMPLS OCCASIONAL PAPER NO. X.
 AU - VOGL, ROBERT; VOGL, SONIA
 OS - NORTHERN ILLINOIS UNIV., OREGON. LORADO TAFT FIELD CAMPUS.
 PD - 73
 NO - 10P.
 IS - RIE77FEP
 PR - EDPS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
 DT - V
 IT - *GLOSSARIES; *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION
 IT - *TEACHER EDUCATION; *WATER RESOURCES
 AB - A PRODUCT OF THE DEPARTMENT OF OUTDOOR TEACHER EDUCATION PROGRAM, AT NORTHERN ILLINOIS UNIVERSITY, THIS GLOSSARY OF WATER RESOURCES TERMS INCLUDES 87 BRIEFLY DEFINED ENTRIES. EXAMPLES OF THE TERMS AND DEFINITIONS PRESENTED ARE: ACIDITY (PRESENCE OF ACIDS IN THE WATER WHICH PRODUCE A PH BELOW SEVEN); BATHYMETRY (STUDY OF LAKE BOTTOM CONTOURS); COLIFORM BACTERIA (A GROUP OF HARMLESS BACTERIA WHICH EXIST IN THE INTESTINES OF WARM BLOODED ANIMALS, USUALLY AN INDICATION OF THE PRESENCE OF SEWAGE OR HARMFUL BACTERIA); DROGUE (A DEVICE USED TO MEASURE WATER CURRENTS, USUALLY SUPPORTED BY A BUOY); EPILIMNION (THE WARM, LIGHT, UPPER LEVEL OF A STRATIFIED LAKE); GROIN (A NARROW STRUCTURE BUILT OUT INTO A LAKE FROM THE SHORE WHICH IS MEANT TO PROTECT THE SHORE FROM EROSION); HYPOLIMNION (THE COLD, HEAVY, LOWER LEVEL OF A STRATIFIED LAKE); LEE (THE SIDE OF A LAKE AWAY FROM THE PREVAILING WINDS, OR AN AREA PROTECTED FROM THEM); MARINE (INVOLVED WITH LARGE BODIES OF WATER, USUALLY THOSE WHICH ARE SALINE); NUTRIENTS (MATERIALS WHICH SUPPORT GROWTH, ESPECIALLY OF PLANTS); OUTFALL (THE END OF A PIPE OR TUBE WHICH DISCHARGES EFFLUENT INTO A BODY OF WATER, OR THE EFFLUENT ITSELF); PARAMETERS (THINGS WHICH ARE MEASURED, USUALLY IN RELATION TO SCIENTIFIC STUDIES OR EXPERIMENTS); SALINE (SALTY); ZOOPLANKTON (ANIMAL PLANKTON). (JC)

AN - ED129535
 CHAN - RC009504
 TI - COOPERATIVE PROGRAMS IN RESIDENTIAL OUTDOOR ENVIRONMENTAL
 EDUCATION: TEACHER'S MATERIALS PACKET.
 OS - MARIN COUNTY SUPERINTENDENT OF SCHOOLS, CORTE MADERA, CALIF.
 NO - 28P.; NOT AVAILABLE IN HARD COPY DUE TO USE OF COLORED PAPER IN
 ORIGINAL DOCUMENT
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - G
 IT - *ACTIVITIES; ELEMENTARY SECONDARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION
 IT - PROGRAM DESCRIPTIONS; RECORDS (FORMS); *RESIDENTIAL PROGRAMS
 IT - TEACHER RESPONSIBILITY; TEACHER ROLE; *TEACHING GUIDES
 ST - *CALIFORNIA (MARIN COUNTY); *REDWOOD GLEN RESIDENT OUTDOOR SC
 AB - SERVING AS TEACHER ORIENTATION MATERIALS FOR THE COOPERATIVE
 PROGRAMS IN RESIDENTIAL OUTDOOR EDUCATION LOCATED IN MARIN
 COUNTY, CALIFORNIA, THIS GUIDE INCLUDES THE FOLLOWING: (1) "THIS
 I BELIEVE" (A PHILOSOPHICAL STATEMENT ON OUTDOOR ENVIRONMENTAL
 EDUCATION); (2) "OUTDOOR SCIENCE AND CONSERVATION EDUCATION
 REPORT" (A BRIEF HISTORY OF OUTDOOR EDUCATION; THE LEGALITY OF
 OUTDOOR ENVIRONMENTAL EDUCATION; A DESCRIPTION OF THE OBJECTIVES,
 STUDY AREAS, AND ACTIVITIES INCLUDED IN THE MARIN COUNTY PROGRAM;
 AND THE HISTORICAL DEVELOPMENT OF THE MARIN PROGRAM); (3) "ROLES
 AND RESPONSIBILITIES OF THE CLASSROOM TEACHER" (SPECIFICS RE:
 CLASS PREPARATION, CABIN GROUPING, PRE-OUTDOOR ACTIVITIES,
 CURRICULUM PLANNING, TEACHER PARTICIPATION, AND CLASSROOM
 FOLLOW-UP); (4) "OUTDOOR EDUCATION ACTIVITY: A ONE-WEEK SEQUENCE"
 (EXEMPLIFIES THE WAY IN WHICH THE OUTDOORS MAY BE USED AS A
 LEARNING ENVIRONMENT AND INCLUDES EDUCATIONAL OBJECTIVES RE:
 STREAM, MEADOW, CHAPARRAL, TIDE POOL, OCEAN, FOREST, AND MARSH
 ENVIRONMENTS); (5) "ALONG THE WAY: A ROUTE TO MARIN COUNTY'S
 RESIDENT OUTDOOR SCHOOL" (INCLUDES A MAP OF THE SAN FRANCISCO BAY
 AREA AND A NARRATIVE DESCRIBING MAJOR POINTS OF INTEREST IN TERMS
 OF THEIR ENVIRONMENTAL HISTORY); (6) THE PARENTAL PERMISSION AND
 HEALTH FORMS USED BY THE MARIN COUNTY SCHOOLS OUTDOOR SCIENCE AND
 CONSERVATION EDUCATION PROGRAM. (JC)

AN - ED126536
 CHAN- RC009505
 YI - AN EMPIRICAL RESEARCH STUDY OF 4-H CLUB CAMPING IN SOUTHEAST MISSOURI.
 AU - AKERS, LESTER O.
 PD - 68
 NO - 42P.; A REPORT PRESENTED TO THE DEPARTMENT OF EXTENSION EDUCATION, UNIVERSITY OF MISSOURI, COLUMBIA, FOR A SPECIAL PROBLEM IN EXTENSION EDUCATION 400
 IS - R1E77FEB
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - R
 IT - *CAMPING COSTS; EXTENSION AGENTS; EXTENSION EDUCATION
 IT - GROUP MEMBERSHIP; *OUTDOOR EDUCATION; PARENTS; PROGRAM EVALUATION
 IT - PUBLICIZE; RECREATIONAL ACTIVITIES; RECRUITMENT; *SURVEYS
 IT - *TABLES (DATA); TEACHING METHODS; YOUTH; *YOUTH CLUBS
 ST - *4H CLUBS; *MISSOURI (SOUTHEAST)
 AB - INVESTIGATING THE NATURE, SCOPE, AND SIGNIFICANCE OF 4-H CLUB CAMPING EXPERIENCES AND THE DEVELOPMENT OF EXTENSION EDUCATION IN 17 SOUTHEAST MISSOURI COUNTIES, AN EVALUATIVE ANALYSIS WAS MADE OF DATA DERIVED FROM QUESTIONNAIRES DIRECTED TO: 1967 4-H CAMPERS (N=231); CAMPER PARENTS (N=36); 4-H NON-CAMPERS AND THEIR PARENTS (N=29); RANDOMLY SELECTED CAMPERS AND NON-CAMPERS (N=10 EACH); AND EXTENSION AGENTS (N=12). CORRELATING PUBLISHED TECHNICAL DATA WITH THAT FROM THE FIVE QUESTIONNAIRES, THE FOLLOWING WERE ADDRESSED: REASONS FOR 4-H CAMPING; ACTIVITIES PREFERRED TO CAMPING; PROGRAM ACTIVITIES CONSIDERED IMPORTANT BY CAMPERS AND NON-CAMPERS; CAMPING COSTS AND DECREASES IN CAMPING MEMBERSHIP; REASONS FOR DECREASES IN CAMP MEMBERSHIP AND ADULT CAMPING ENTHUSIASM; YOUTH AGENTS AND THE NEED FOR TECHNICAL TRAINING RE: CAMPING; EXTENSION PERSONNEL RATINGS RE: CAMPING AS A TEACHING METHOD, A RECREATION ACTIVITY, AND A 4-H PROMOTION TECHNIQUE. RESULTS INDICATED: CAMPING MEMBERS, THEIR PARENTS, AND EXTENSION AGENTS THINK CAMPING IS A VALUABLE EDUCATIONAL EXPERIENCE; AGENTS SEE CAMPING AS A METHOD OF TEACHING SOCIAL GROUP BEHAVIOR, INDIVIDUAL DEVELOPMENT, AND OUTDOOR SUBJECT MATTER; PARENTS AND AGENTS RATE CAMPING HIGH AS A RECREATIONAL ACTIVITY; IMPORTANT NEEDS INCLUDE EXPANDING ADULT AND MEMBER INVOLVEMENT IN PROGRAM DEVELOPMENT, DEVELOPING RECRUITMENT/PROMOTION METHODS, STUDYING BUSINESS MANAGEMENT OF CAMP FACILITIES, AND EDUCATING AGENTS ABOUT THE TECHNICAL NATURE OF CAMPING. (JC)

AN - ED125537
 CHAN - RC0095C6
 TI - ENVIRONMENTAL EDUCATION AND FIELD STUDIES PROGRAMS IN THREE
 SELECTED N. W. EUROPEAN AREAS.
 AU - VANDENHAZEL, B. J.
 PC - 76
 NO - 26P.; NOT AVAILABLE IN HARD COPY DUE TO EXTENSIVE USE OF COLORED
 PAPER IN ORIGINAL DOCUMENT
 IS - RIET7FEP
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - R
 IT - *COMPARATIVE ANALYSIS; CONCEPT FORMATION; EDUCATIONAL PROBLEMS
 IT - ENVIRONMENTAL EDUCATION; *FIELD STUDIES; HIGHER EDUCATION
 IT - ORGANIZATION; *OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS
 IT - SCIENCE INSTRUCTION; SURVEYS; *TEACHER EDUCATION; *TEXTBOOKS
 ST - *EUROPE (NORTHWEST); NETHERLANDS; ONTARIO; UNITED KINGDOM
 ST - WEST GERMANY
 AB - DESCRIBING INFORMATION GATHERED FROM A THREE-WEEK (1976) TOUR OF
 ENVIRONMENTAL EDUCATION FIELD STUDIES PROGRAMS IN FACULTIES OF
 EDUCATION AND TEACHERS' COLLEGES LOCATED IN THE UNITED KINGDOM,
 THE NETHERLANDS, AND WESTERN GERMANY, THIS REPORT PRESENTS
 COMPARATIVE PROGRAM AND TEXT SUMMARIES AND RECOMMENDS PROCEDURES
 FOR THE ONTARIO MINISTRY OF EDUCATION IN CANADA. PRESENTED BY
 COUNTRY. THE SUMMARIES INCLUDE: ORGANIZATIONAL PROCEDURES;
 SCIENCE, GEOGRAPHY, AND GENERAL ENVIRONMENTAL TEXTS; PROGRAM
 SCOPE; SPECIAL INTERESTS; EDUCATIONAL PROBLEMS FREQUENTLY
 REFERRED TO IN THE MEDIA; EDUCATIONAL ENVIRONMENTAL TOPICS,
 CONCEPTS, COURSES, AND TEACHER GUIDES; AND THE TEXTS USED AT THE
 SECONDARY LEVEL. IN GENERAL, THIS REPORT INDICATES THAT IN THESE
 COUNTRIES, ELEMENTARY SCHOOL TEACHING REQUIRES THREE TO FOUR
 YEARS OF PREPARATION AT SPECIAL EDUCATIONAL INSTITUTES; FOUR TO
 SIX DAY FIELD SESSIONS IN GEOGRAPHY AND ENVIRONMENTAL SCIENCE
 DURING THE FIRST AND SECOND YEARS OF STUDY; AND SEVERAL HALF-DAY
 AND ONE-DAY FIELD STUDIES IN THE FINAL YEAR. RECOMMENDATIONS ARE
 PRESENTED AS FOLLOWS: ONTARIO STUDENT TEACHERS SHOULD BE INVOLVED
 IN A MINIMUM OF FIVE DAYS OF FIELD STUDIES PER YEAR AND SHOULD
 RECEIVE INSTRUCTION RE: PREPARATION/IMPLEMENTATION OF
 DAY-EXCURSIONS; AND THE ONTARIO MINISTRY OF EDUCATION SHOULD
 CONDUCT CONTINUOUS SURVEYS OF FOREIGN EDUCATIONAL LITERATURE AND
 SHOULD ENCOURAGE SCHOOL BOARDS TO RETAIN OR REPURCHASE SMALL
 RURAL SCHOOLS SUITABLE FOR FIELD STUDIES. (JC)

AN - ED129538
 CHAV - RCC095CE
 TI - A STUDY OF FACTORS IMPORTANT TO ENVIRONMENTAL
 (CONSERVATION-OUTDOOR) EDUCATION INSTRUCTION.
 AU - BUTERBAUGH, WANDA KAY
 PD - MAY 7C
 NO - 82P.; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF
 ORIGINAL DOCUMENT. ME THESIS, SLIPPERY ROCK STATE COLLEGE
 IS - RIE77FEB
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - INTER-LIBRARY LGAN, SLIPPERY ROCK STATE COLLEGE, SLIPPERY ROCK,
 PENNSYLVANIA 16057
 DT - T
 IT - BIOLOGICAL SCIENCES; CONCEPT FORMATION; CONSERVATION EDUCATION
 IT - COURSE CONTENT; CURRICULUM; ELEMENTARY SCHOOL TEACHERS
 IT - *ENVIRONMENTAL EDUCATION; *GRADUATE STUDY; INSERVICE COURSES
 IT - LITERATURE REVIEWS; MASTERS THESES; *NEEDS ASSESSMENT
 IT - OUTDOOR EDUCATION; *PROFESSIONAL PERSONNEL
 IT - PROFESSIONAL RECOGNITION; *SURVEYS; *TEACHER EDUCATION
 IT - *UNDERGRADUATE STUDY
 AB - IN CONJUNCTION WITH A LITERATURE REVIEW, 100 RECOGNIZED LEADERS
 IN ENVIRONMENTAL EDUCATION AND RELATED FIELDS WERE SURVEYED VIA A
 MAIL QUESTIONNAIRE FOR PURPOSES OF DETERMINING THE KNOWLEDGE AND
 SKILL CONCEPTS DEEMED NECESSARY FOR OUTDOOR/ENVIRONMENTAL
 EDUCATION TEACHERS AT BOTH THE ELEMENTARY AND SECONDARY LEVELS.
 THE SURVEY ELICITED A 67% RESPONSE TO FIVE QUESTIONS RE:
 ENVIRONMENTAL EDUCATION; PROGRAM EMPHASIS; COURSE REQUIREMENTS;
 TEACHER IN-SERVICE TRAINING; KNOWLEDGE AND SKILL COMPETENCY
 LEVELS; AND THE GENERAL STATE OF TEACHER PREPARATION PROGRAMS.
 RESULTS INDICATED THAT UNDERGRADUATE PROGRAMS FOR OUTDOOR
 EDUCATORS SHOULD INCLUDE: ONE OR TWO ENVIRONMENTAL EDUCATION
 COURSES; AN ADEQUATE UNDERSTANDING OF THE BIOLOGICAL SCIENCES
 (BIOLOGY, BOTANY, HISTORY, AND PHILOSOPHY) AND ENVIRONMENTAL AND
 CONSERVATION EDUCATION CONCEPTS, HISTORY, AND PHILOSOPHY; AN
 INTEGRATED OR INTERDISCIPLINARY APPROACH TO COURSES IN BIOLOGY,
 HISTORY, GEOGRAPHY, POLITICAL SCIENCE, AND NATURAL RESOURCES;
 GREATER EMPHASIS UPON ELEMENTARY TEACHER PREPARATION CURRICULA.
 AT THE GRADUATE LEVEL, RESULTS INDICATED TEACHERS NEEDED: A
 MINIMUM OF 30 HOURS OF APPROVED COURSES; 6 HOURS OF PROFESSIONAL
 EDUCATION COURSES; A B AVERAGE; A 6-YEAR LIMIT ON THE MASTER'S
 DEGREE; A THESIS OR RESEARCH PROJECT; SPECIALIZATION IN OUTDOOR
 EDUCATION AND CONSERVATION, ENVIRONMENTAL EDUCATION
 STUDIES/PROBLEMS, OR SOCIAL STUDIES; AND FIELD WORK IN VARIOUS
 COURSES. (JC)

AN - ED129549
 CHAN - RCO09542
 TI - A COMPARISON OF AFFECTIVE CHANGES BETWEEN ECONOMICALLY
 DISADVANTAGED AND ADVANTAGED SIXTH GRADERS AT A RESIDENT OUTDOOR
 EDUCATION PROGRAM.
 AU - FLETCHER, SARAH ANN
 PD - DEC 73
 NO - 97P.; DOCTOR OF RECREATION DISSERTATION, INDIANA UNIVERSITY. PAGE
 45 MAY NOT REPRODUCE WELL
 IS - RIE77FEE
 PR - EDRS PRICE MF-\$0.83 HC-\$4.67 PLUS POSTAGE.
 AV - INTER-LIBRARY LOAN, INDIANA UNIVERSITY, BLOOMINGTON, INDIANA 47401
 DT - T
 IT - *AFFECTIVE BEHAVIOR; BEHAVIORAL SCIENCE RESEARCH; *CAMPING
 IT - *COMPARATIVE ANALYSIS; DOCTORAL THESES
 IT - *ECONOMICALLY DISADVANTAGED; *ELEMENTARY EDUCATION; GRADE 6
 IT - GROUP RELATIONS; INTERPERSONAL COMPETENCE; LITERATURE REVIEWS
 IT - LOCUS OF CONTROL; *OUTDOOR EDUCATION; POST TESTING; PRETESTING
 IT - RESIDENTIAL PROGRAMS; RESPONSIBILITY; SELF CONCEPT
 IT - SELF EVALUATION; SOCIOECONOMIC STATUS; TRANSFER OF TRAINING
 ST - ALL ABOUT MYSELF SCALE; EXPERIENTIAL LEARNING
 ST - NOWICKI STRICKLAND LOCUS OF CONTROL; *TOLEDO OHIO PUBLIC SCHOOLS,
 AB - EXAMINING THE DIFFERENCES IN AFFECTIVE OUTCOMES OF ECONOMICALLY
 ADVANTAGED AND DISADVANTAGED 6TH GRADE STUDENTS ATTENDING A 5-DAY
 RESIDENTIAL OUTDOOR EDUCATION PROGRAM IN THE TOLEDO OHIO PUBLIC
 SCHOOLS, PRE- AND POST-TESTS WERE ADMINISTERED TO RANDOMLY
 SELECTED SAMPLES OF 25 ADVANTAGED MALES AND FEMALES AND 25
 DISADVANTAGED MALES AND FEMALES. ADDITIONALLY, A LITERATURE
 REVIEW WAS CONDUCTED RE: COMPENSATORY EDUCATION, SELECTED ASPECTS
 OF ECONOMICALLY DISADVANTAGED CHILDREN, AND OUTDOOR EDUCATION.
 THE INSTRUMENTS USED WERE: THE NOWICKI-STRICKLAND LOCUS OF
 CONTROL (MEASUREMENT OF THE INTERNAL-EXTERNAL DIMENSIONS); THE
 ALL ABOUT MYSELF SCALE (SELF-EVALUATION); AND A PRE- AND
 POST-CAMP QUESTIONNAIRE DEVELOPED BY THE TOLEDO PUBLIC SCHOOLS
 OFFICE OF EVALUATION. FINDINGS INDICATED: ALTHOUGH THE
 DISADVANTAGED STUDENTS HAD A MORE EXTERNAL LOCUS OF CONTROL (LIFE
 IS DICTATED BY FATE), THE 5-DAY PROGRAM CAUSED BOTH GROUPS TO
 BECOME MORE SELF-RELIANT AND SELF-CONFIDENT; ALL STUDENTS HAD
 MODERATELY IMPROVED IN COOPERATION WITH OTHERS; THERE WAS ONLY A
 MODERATE TRANSFER OF POSITIVE VALUES TO THE CLASSROOM; THE
 MAJORITY OF STUDENTS LIKED CAMP, WANTED TO RETURN, WISHED THEY
 COULD HAVE STAYED LONGER, AND FELT THEY HAD MADE NEW FRIENDS; AND
 THE NOWICKI-STRICKLAND LOCUS OF CONTROL APPEARED MORE VALUABLE
 THAN EITHER OF THE OTHER TWO INSTRUMENTS. (JC)

AN - ED13C8C7
 CHAN - RCC05472
 TI - THE OUTDOORS: AN ENVIRONMENTAL CCNDITION TO NURTURE CREATIVE THINKING.
 AU - JURIK, RICHARD A.
 PD - MAR 72
 NO - 99P.; M.ED. THESIS, PENNSYLVANIA STATE UNIVERSITY
 IS - RIET7MAR
 PR - EDRS PRICE MF-\$C.83 HC-\$4.67 PLUS POSTAGE.
 AV - INTER-LIBRARY LOAN, PENNSYLVANIA STATE UNIVERITY, UNIVERSITY PARK, PENNSYLVANIA 16802
 DT - T
 IT - ACTIVITY UNITS; ART ACTIVITIES; COMPARATIVE ANALYSIS
 IT - *CREATIVE THINKING; *CREATIVITY TESTS; DISCOVERY PROCESSES
 IT - ELEMENTARY EDUCATION; ELEMENTARY SCHOOL SCIENCE
 IT - *ENVIRCMENTAL INFLUENCES; *GRADE 6; LEARNING ACTIVITIES
 IT - LITERATURE REVIEWS; MASTERS THESES; MUSIC
 IT - NATURE NURTURE CONTROVERSY; *OUTDOOR EDUCATION; SOCIAL STUDIES
 IT - TEST RELIABILITY; TEST VALIDITY; THOUGHT PROCESSES
 ST - TORRANCE TESTS OF CREATIVE THINKING
 AB - THE STUDY DETERMINED WHETHER USING OUTDOOR EXPERIENCES AS A TEACHING MEDIUM INCREASED THE LEVEL OF CREATIVE THOUGHT FOR SIXTH GRADE CHILDREN. FOUR FACTORS OF CREATIVITY WERE MEASURED: FIGURAL FLUENCY, FIGURAL FLEXIBILITY, FIGURAL ORIGINALITY, AND FIGURAL ELABORATION; TWO GROUPS OF SIXTH GRADE PUPILS, ONE EXPERIMENTAL (WITH 30 CHILDREN) AND THE OTHER CONTROL (WITH 25 CHILDREN), WERE USED. BOTH GROUPS WERE TESTED AT THE BEGINNING OF THE EXPERIMENT, USING THE TORRANCE TESTS OF CREATIVE THINKING. THE EXPERIMENTAL GROUP EXPERIENCED 13 OUTDOOR EDUCATION ACTIVITIES INCORPORATED INTO UNITS WITHIN THE CURRICULUM AREAS OF SOCIAL STUDIES, SCIENCE, ART, AND MUSIC; THE CONTROL GROUP HAD NO OUTDOOR EDUCATION ACTIVITIES. AFTER 45 SCHOOL DAYS BOTH GROUPS WERE GIVEN THE TORRANCE TESTS OF CREATIVE THINKING. THE TESTS MEASURED NONVERBAL CREATIVITY. FINDINGS INCLUDED: OUTDOOR EDUCATION ACTIVITIES DID NOT IMPROVE THE LEVEL OF MEASURED CREATIVE THINKING FACTORS OF THE EXPERIMENTAL GROUP; PUPILS IN THE CONTROL CLASS SIGNIFICANTLY INCREASED IN FIGURAL ORIGINALITY AND ELABORATION; OUTDOOR EDUCATION ACTIVITIES HAD AN EFFECT IN NONVERBAL CREATIVITY OF GIRLS IN THE EXPERIMENTAL CLASS BUT NOT OF BOYS; AND BOYS IN THE CONTROL CLASS HAD NO SIGNIFICANT GAINS IN THE FOUR MEASURED CREATIVITY FACTORS WHILE THE GIRLS HAD A SIGNIFICANT GAIN IN FIGURAL ORIGINALITY AND ELABORATION. (NQ)

AN - ED13C813
 CHA - RCC09509
 TI - MINGO NATIONAL WILDLIFE REFUGE ENVIRONMENTAL EDUCATION PROGRAM:
 TEACHER'S HANDBOOK.
 OS - MINGO NATIONAL WILDLIFE REFUGE, PUXICO, MO.
 NO - 75P.; NOT AVAILABLE IN HARD COPY DUE TO EXTENSIVE USE OF COLORED
 PAPER IN ORIGINAL DOCUMENT
 IS - R1E77MAR
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - G
 IT - ACTIVITY LEARNING; ART; BIOLOGICAL SCIENCES
 IT - CONSERVATION (ENVIRONMENT); CURRICULUM DEVELOPMENT; ECOLOGY
 IT - ELEMENTARY SECONDARY EDUCATION; *ENVIRONMENTAL EDUCATION
 IT - *INTERDISCIPLINARY APPROACH; LAND USE; LANGUAGE ARTS.
 IT - *LESSON PLANS; MAP SKILLS; MATHEMATICS; *NATURE CENTERS
 IT - *OUTDOOR EDUCATION; RURAL ENVIRONMENT; SOCIAL STUDIES
 IT - TEACHING GUIDES; TREES
 ST - *MINGO NATIONAL WILDLIFE REFUGE; MISSOURI (PUXICO)
 AB - A WIDE DIVERSITY OF INTERESTING PLANT AND ANIMAL LIFE CAN BE
 OBSERVED AND STUDIED AT MINGO NATIONAL WILDLIFE REFUGE, THE LAST
 SIZEABLE EXAMPLE OF THE SWAMPLAND WHICH ONCE COVERED MILLIONS OF
 ACRES IN THE AREA. MANY OF THE SPECIES HERE, SUCH AS THE SWAMP
 RABBIT, ARE RARE ELSEWHERE IN THE STATE. THE REFUGE'S
 ARCHAEOLOGICAL AND HISTORICAL RESOURCES ARE EQUALLY DIVERSE.
 MINGO'S ORIGINAL PURPOSE WAS TO PROVIDE A RESTING AND WINTERING
 AREA FOR WATERFOWL. TODAY EDUCATIONAL EXPERIENCES ARE ALSO
 PROVIDED ON THE REFUGE. SCHOOL GROUPS ARE OFFERED TWO TYPES OF
 ACTIVITIES--SELF-GUIDED TOURS AND PLANNED FIELD ACTIVITIES. FOR
 THE TOURS, REFUGE PERSONNEL PROVIDE A SHORT ORIENTATION TALK TO
 THE CLASS AND GO OVER THE ROUTE TO BE TAKEN WITH THE TEACHER. FOR
 THE PLANNED FIELD ACTIVITIES, LESSON PLANS ARE PROVIDED. REFUGE
 STAFF WILL SOMETIMES BE ABLE TO ASSIST IN CONDUCTING THESE
 ACTIVITIES. THIS HANDBOOK INCLUDES EXAMPLES OF THE LESSON PLANS.
 TOPICS COVERED ARE: OBSERVATION AND PERCEPTION, HABITAT
 INVESTIGATION (ENERGY CYCLE), BASIC MEASURING, RURAL LIFE AND THE
 DEPRESSION, COMPASS USE, CONTOUR MAPPING, CREATIVE WRITING AND
 NATURE, ART AND NATURE, CEMETERY STUDY, LAND USE STUDY (PIONEER
 HOMESTEAD), AQUATIC BIOLOGY, TRANSECT STUDY, SOILS AND EROSION,
 OBSERVING AND CLASSIFYING TREES, AND CREATIVE COMMUNICATION USING
 NATURE AS A STIMULUS. (NQ)

AN - ED130817
 CHAN - RC009534
 TI - THE EFFECTS OF DIFFERENT LEADERSHIP STYLES ON SELECTED BEHAVIORAL AND INTERPERSONAL VARIABLES OF EMOTIONALLY DISTURBED ADOLESCENTS IN A CAMPING PROGRAM.
 AU - MCPETERS, JANINE E.
 PD - MAR 76
 NO - 130P.; MS THESIS, PENNSYLVANIA STATE UNIVERSITY
 IS - RIE77MAR
 PR - DOCUMENT NOT AVAILABLE FROM EDRS.
 AV - INTER-LIBRARY LOAN, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PENNSYLVANIA 16802
 DT - T
 IT - *ADOLESCENTS; BEHAVIORAL SCIENCE RESEARCH; *BEHAVIOR PROBLEMS
 IT - *CAMPING; COMPARATIVE ANALYSIS; CORRELATION
 IT - *EMOTIONALLY DISTURBED; GROUP BEHAVIOR; HYPOTHESIS TESTING
 IT - *LEADERSHIP STYLES; MASTERS THESES; *OUTDOOR EDUCATION
 ST - KARITAS COMMUNITY; *MISSISSIPPI (CRYSTAL SPRINGS)
 AB - TESTING THE HYPOTHESIS THAT GROUP-CENTERED LEADERSHIP LEADS TO LESS PROBLEM BEHAVIOR AMONG EMOTIONALLY DISTURBED ADOLESCENTS, 20 MALE AND FEMALE ADOLESCENTS AGED 14-18 (FROM KARITAS COMMUNITY IN CRYSTAL SPRINGS, MISSISSIPPI) WERE DIVIDED INTO LEADER-CENTERED AND GROUP-CENTERED GROUPS AND EXPOSED TO 3 WEEKEND CAMPING EXPERIENCES. ASSESSMENTS WERE MADE VIA EDVARD SCALE OF INTERPERSONAL AFFECT (LEVEL OF INTERPERSONAL LIKING FOR OTHER GROUP MEMBERS); WAGMAN GROUP AS A WHOLE SCALE (INDIVIDUAL'S DEGREE OF LIKE OR DISLIKE FOR THE GROUP AS A WHOLE); AND DEVEREUX ADOLESCENT BEHAVIOR RATING SCALE (AMOUNT AND TYPE OF PROBLEM BEHAVIOR DISPLAYED BY PARTICIPANTS). STATISTICAL ANALYSIS INVOLVED THE KRUSKAL-WALLIS ONE WAY ANALYSIS OF VARIANCE; MANN-WHITNEY U TEST; AND SPEARMANN RANK ORDER CORRELATION COEFFICIENT. RESULTS INDICATED: PARTICIPATION IN A CAMPING PROGRAM WITH EITHER GROUP- OR LEADER-CENTERED LEADERSHIP DID NOT IMPROVE EMOTIONALLY DISTURBED ADOLESCENTS' LEVEL OF INTERPERSONAL AFFECT FOR OTHER GROUP MEMBERS; GROUP-CENTERED LEADERSHIP LED TO GREATER INCREASE IN LIKING FOR THE GROUP AS A WHOLE THAN DID LEADER-CENTERED LEADERSHIP; THE HYPOTHESIS WAS NOT UNCONDITIONALLY SUPPORTED, ALTHOUGH THE ONLY POSITIVE BEHAVIOR CHANGES THAT OCCURRED AND THE ONE POSITIVE BEHAVIOR CHANGE THAT CONTINUED PAST THE FIRST CAMPING TRIP OCCURRED IN THE GROUP-CENTERED LEADERSHIP GROUP. (JC)

AN - ED130820
 CIAN - SEC19454
 TI - OUT TO LEARN. GUIDELINES AND STANDARDS MANUAL FOR OUTDOOR ENVIRONMENTAL EDUCATION.
 OS - SASKATCHEWAN DEPT. OF EDUCATION, REGINA.
 PD - OCT 74
 NO - 60P.
 \$S - R1827MAR
 PR - EDP PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE..
 DT - G
 IT - CAMPING; *ELEMENTARY SECONDARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; *GUIDELINES; *OUTDOOR EDUCATION
 IT - PROGRAM DEVELOPMENT; RESOURCE MATERIALS; *TEACHING GUIDES
 ST - *SASKATCHEWAN
 AB - THIS STANDARDS AND GUIDELINES MANUAL, DEVELOPED BY THE SASKATCHEWAN DEPARTMENT OF EDUCATION FOR USE IN THE SASKATCHEWAN SCHOOLS, IS DESIGNED TO HELP TEACHERS AND SCHOOL DISTRICTS DEVELOP A SAFE AND WELL-ORGANIZED OUTDOOR ENVIRONMENTAL EDUCATION PROGRAM. THE TOPICS COVERED INCLUDE: OUTDOOR ENVIRONMENTAL EDUCATION IMPLICATIONS FOR STUDENTS, TEACHER, SCHOOL BOARD AND COMMUNITY; ENVIRONMENTAL PROTECTION; GUIDELINES FOR PROGRAM PLANNING; HEALTH AND SAFETY; AND LEGAL IMPLICATIONS. SEVEN APPENDICES PROVIDE INFORMATION ON THE FOLLOWING: STUDENT-TEACHER RESOURCE MATERIAL; SASKATCHEWAN REGULATIONS; CHECKLISTS; SAMPLE FORMS AND FORMATS; MENUS AND FOOD SUPPLY LISTS; FIRST AID AND ACCIDENT PROCEDURES; AND GENERAL INFORMATION. A BIBLIOGRAPHY IS INCLUDED. (BT)

AN - ED131533
 CHAN- EAC02849
 TI - MANAGEMENT AND COORDINATION OF A RESIDENTIAL OUTDOOR EDUCATION PROGRAM. (A NEW MODEL FOR THE ROLE OF ELEMENTARY PRINCIPALS.)
 AU - ZAVARELLA, JOSEPH
 PD - 15 FEB 76
 NO - 61P.; MAXI II PRACTICUM REPORT SUBMITTED IN PARTIAL FULFILLMENT OF REQUIREMENTS FOR DOCTOR OF EDUCATION DEGREE, NOVA UNIVERSITY
 IS - RIE77APP
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 DT - K
 IT - *ADMINISTRATIVE ORGANIZATION; *ADMINISTRATOR ROLE
 IT - ARTICULATION (PROGRAM); CURRICULUM; EDUCATIONAL FINANCE
 IT - ELEMENTARY EDUCATION; *MODELS; *OUTDOOR EDUCATION; *PRINCIPALS
 IT - PROGRAM DESCRIPTIONS; QUESTIONNAIRES; SCHOOL SYSTEMS
 AB - THE RESIDENTIAL OUTDOOR EDUCATION PROJECT DESCRIBED IN THIS REPORT SERVES AS THE VEHICLE FOR ADVANCEMENT OF A NEW CONCEPT IN THE ADMINISTRATIVE ORGANIZATION OF A SCHOOL DISTRICT. IT IS PROPOSED THAT THE ELEMENTARY ADMINISTRATOR'S ROLE BE EXPANDED TO A DISTRICTWIDE ORIENTATION IN THE AREA OF CURRICULUM MANAGEMENT AND COORDINATION. THAT IS, EACH PRINCIPAL ASSUMES A SPECIFIC CURRICULAR RESPONSIBILITY AND COORDINATES EFFORTS ON A DISTRICTWIDE BASIS. (AUTHOR)

AN - ED131568
 CHAN - RC009527
 TI - COMPARATIVE STUDY OF ATTITUDES TOWARD THE MEANING OF THE TERM "OUTDOOR EDUCATION" AS VIEWED BY SELECTED MEMBERS OF THE AMERICAN ASSOCIATION OF HEALTH, PHYSICAL EDUCATION AND RECREATION'S COUNCIL ON OUTDOOR EDUCATION AND CAMPING IN 1968 AND 1975.
 AU - BACKIEL, MARCIA LEE
 PD - JUN 76
 NO - 53P.; FOR RELATED DOCUMENT, SEE ED 050 877.
 IS - RIE 77 APR
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 DT - T
 IT - *ATTITUDES; *CHANGE AGENTS; CHANGING ATTITUDES
 IT - *COMPARATIVE ANALYSIS; *DEFINITIONS; FACULTY; *FOLLOWUP STUDIES
 IT - GRADUATE STUDENTS; LITERATURE REVIEWS; ORGANIZATIONS (GROUPS)
 IT - *OUTDOOR EDUCATION; PROFESSIONAL ASSOCIATIONS; QUESTIONNAIRES
 IT - VOCABULARY
 AB - IN 1968, 107 MEMBERS OF THE AAHPER COUNCIL ON OUTDOOR EDUCATION AND CAMPING WERE SURVEYED TO DETERMINE THEIR ATTITUDES TOWARD THE MEANING OF THE TERM "OUTDOOR EDUCATION". USING THE SAME RATING SHEET, THIS SURVEY DETERMINED THE COUNCIL MEMBERS' PRESENT ATTITUDES. AN INFLUENCE QUESTIONNAIRE WAS ALSO DESIGNED TO INVESTIGATE THE INFLUENCE OF PEOPLE, PLACES AND EVENTS ON THE 1975 ATTITUDES. A RATING SHEET AND AN INFLUENCE QUESTIONNAIRE WERE MAILED TO 100 OF THE 107 MEMBERS; 71 WERE RETURNED. THE RAW DATA OF THE RATING SHEET WAS SUBMITTED TO TWO FACTOR ANALYTIC PROGRAMS. TWENTY-FIVE SIGNIFICANT FACTORS WHICH WERE STATISTICALLY INSIGNIFICANT WERE IDENTIFIED. SINCE THE 1968 POPULATION HAD ONLY THREE FACTORS, IT WAS CONCLUDED THAT THERE SEEMED TO HAVE BEEN AN INFLUENCE EXERTED UPON THE POPULATION CAUSING THE ATTITUDES TO CHANGE SIGNIFICANTLY ENOUGH SO AS TO NEGATE THE VALIDITY OF THE RATING SHEET. KENDALL'S COEFFICIENT OF CONCURRENCE WAS USED ON THE RAW DATA FROM THE INFLUENCE QUESTIONNAIRE. IT WAS FOUND THAT THE RESPONDENTS DID NOT SIGNIFICANTLY AGREE ON INFLUENCES UPON THEIR ATTITUDES. BASED ON SEX, FACULTY STATUS AND COUNCIL MEMBERSHIP, THE RESPONDENTS WERE DIVIDED INTO THREE SETS OF MUTUALLY EXCLUSIVE SUBGROUPS. NONE OF THE SIX COEFFICIENTS WERE STATISTICALLY SIGNIFICANT INDICATING THAT THE INFLUENCES UPON THE ATTITUDES WERE VERY DIVERSIFIED. RESULTS OF BOTH INSTRUMENTS SUPPORTED EACH OTHER. FROM THE DATA, IT WAS NOT POSSIBLE TO DISTINGUISH WHAT THE POPULATION DISCERNED AS THE MEANING OF "OUTDOOR EDUCATION". (AUTHOR/NQ)

AN - ED1319E2
 CHAY - RC009563
 TI - CHANGE IN LEADERSHIP BEHAVIOR ATTITUDES EFFECTED BY PARTICIPATION
 IN BASIC COURSES AT THE NATIONAL OUTDOOR LEADERSHIP SCHOOL.
 AU - BAKER, EDWARD CRAPER, JR.
 PD - MAY 75
 NO - 67P.; M.S. THESIS, PENNSYLVANIA STATE UNIVERSITY
 IS - RIE77APR
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 AV - INTER-LIBRARY LOAN, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY
 PARK, PENNSYLVANIA 16802
 DT - T
 IT - ACADEMIC ACHIEVEMENT; AGE DIFFERENCES; *ATTITUDES; BEHAVIOR
 IT - *HYPOTHESIS TESTING; *LEADERSHIP; MASTERS THESES
 IT - *OUTDOOR EDUCATION; POST TESTING; PRETESTING
 IT - STUDENT CHARACTERISTICS; STUDENT EXPERIENCE
 IT - *STUDENT PARTICIPATION
 ST - LEADERSHIP OPINION QUESTIONNAIRE
 ST - *NATIONAL OUTDOOR LEADERSHIP SCHOOL
 AB - HYPOTHESIZING THAT POSITIVE CHANGE IN STUDENTS' ATTITUDES
 CONCERNING LEADERSHIP BEHAVIOR WOULD RESULT FROM PARTICIPATION IN
 A BASIC LEVEL FIVE-WEEK COURSE AT THE NATIONAL OUTDOOR LEADERSHIP
 SCHOOL (NOLS), 80 STUDENT PARTICIPANTS (16 YEARS OR OLDER) WERE
 PRE- AND POST-TESTED FOR ATTITUDINAL CHANGE. USING THE LEADERSHIP
 OPINION QUESTIONNAIRE (LOQ), THE SUBJECTS WERE TESTED ON THE
 FIRST DAY OF THE COURSE AND AGAIN FIVE WEEKS LATER AT ITS
 CONCLUSION. TO ESTABLISH A BASELINE CRITERION WITH WHICH
 COMPARISONS COULD BE MADE, THE LEADERSHIP INSTRUMENT WAS ALSO
 ADMINISTERED TO THE NOLS DIRECTOR, GENERAL MANAGER, AND ASSISTANT
 GENERAL MANAGER, AND A NOLS STAFF MODEL WAS ESTABLISHED WHICH
 PROVIDED A LEADERSHIP NORM OF HIGH IN CONSIDERATION AND AVERAGE
 IN STRUCTURE. SUBJECTS WERE CLASSIFIED BY COURSE, TYPE OF
 EXPEDITION (WILDERNESS, MOUNTAINEERING, OR BIOLOGY), AGE GROUP,
 EDUCATION LEVEL, PREVIOUS CAMP EXPERIENCE, AND AGE. DATA WERE
 ANALYZED ACCORDING TO THESE CHARACTERISTICS BY APPLYING A T-TEST
 FOR PAIRED SAMPLES, USING PRE- AND POST-COURSE SCORES. RESULTS
 INDICATED THERE WAS: NO POSITIVE CHANGE IN THE STUDENTS'
 ATTITUDES TOWARD LEADERSHIP BEHAVIOR; A DECREASE IN CONSIDERATION
 SCORES AMONG THOSE WHO HAD GRADUATED FROM COLLEGE, HAD HAD
 PREVIOUS CAMP EXPERIENCES, AND HAD PARTICIPATED IN THE WILDERNESS
 EXPEDITION. IT WAS SUGGESTED THAT THE RESULTS MIGHT HAVE BEEN
 DIFFERENT HAD THE SUBJECTS BEEN TESTED AT A LATER DATE. (JC)

AN - ED131983
 CHAN - RC009564
 TI - A COMPARISON OF CHILDREN'S LEARNING UNDER DIFFERENT PROGRAM
 STRUCTURES IN A RESIDENT OUTDOOR SCHOOL.
 AU - CONRAD, MICHELLE
 PD - MAY 75
 MD - 120P.; M.S. THESIS, PENNSYLVANIA STATE UNIVERSITY
 IS - R1E77APR
 PR - EDRS PRICE MF-\$0.83 HC-\$6.01 PLUS POSTAGE.
 AV - INTER-LIBRARY LOAN, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY
 PARK, PENNSYLVANIA 16802
 DT - T
 IT - *COMPARATIVE ANALYSIS; CONTROL GROUPS; *DECISION MAKING
 IT - *EDUCATIONAL OBJECTIVES; *ELEMENTARY SCHOOL STUDENTS
 IT - EXPERIMENTAL GROUPS; GRADE 5; *LEARNING ACTIVITIES
 IT - MASTERS THESES; *OUTDOOR EDUCATION; POST TESTING; PRETESTING
 IT - RESIDENTIAL SCHOOLS
 ST - *STONE VALLEY OUTDOOR SCHOOL, PA.
 AB - HYPOTHESIZING THAT STUDENTS WHO WERE GIVEN THE OPPORTUNITY TO
 CHOOSE THEIR LEARNING ACTIVITIES IN A RESIDENTIAL OUTDOOR
 EDUCATION SCHOOL (STONE VALLEY, PENNSYLVANIA) WOULD MORE READILY
 ATTAIN THE BEHAVIORAL OBJECTIVES OF THOSE ACTIVITIES, 68 FIFTH
 GRADE STUDENTS PARTICIPATING IN A FOUR-DAY RESIDENTIAL OUTDOOR
 EDUCATION PROGRAM WERE DIVIDED INTO A CONTROL (N=32) AND AN
 EXPERIMENTAL (N=36) GROUP. PLANNED BY CLASSROOM TEACHERS, THE
 OUTDOOR SCHOOL DIRECTOR, AND THE INVESTIGATOR, THE SAME
 OBJECTIVES AND LEARNING ACTIVITIES (WATER ECOLOGY, FOREST PLANTS,
 A GRAVEYARD TRIP, AND SURVIVAL SIMULATION) WERE SCHEDULED IN SUCH
 A WAY THAT THE CONTROL GROUP HAD ONLY ONE CHOICE OF ACTIVITY,
 WHILE THE EXPERIMENTAL GROUP WAS OFFERED FOUR DIFFERENT ACTIVITY
 CHOICES DURING EACH OF THE TWO, TWO-HOUR DAILY ACTIVITY PERIODS.
 A WRITTEN, OBJECTIVE TEST CONSISTING OF 10 QUESTIONS BASED UPON
 THE ACTIVITY OBJECTIVES WAS ADMINISTERED TO THE SUBJECTS IN THEIR
 CLASSROOMS DURING THE WEEK BEFORE AND AFTER THE OUTDOOR SCHOOL
 EXPERIENCE. COMPARISONS WERE MADE BETWEEN: THE ENTIRE CONTROL
 GROUP AND THE ENTIRE EXPERIMENTAL GROUP; THE ENTIRE CONTROL GROUP
 AND MEMBERS OF THE EXPERIMENTAL GROUP PARTICIPATING IN THE
 ACTIVITY FOR WHICH OBJECTIVES WERE TESTED; AND PRE- AND POST TEST
 SCORES WITHIN EACH GROUP. RESULTS INDICATED NO SIGNIFICANT
 DIFFERENCES BETWEEN THE CONTROL AND EXPERIMENTAL GROUPS, ALTHOUGH
 BOTH GROUPS DEMONSTRATED SIGNIFICANT LEARNING. (JC)

AN - ED132239
 CHAN - CE007517
 TI - EDUCATIONAL PRINCIPLES AND TECHNIQUES FOR INTERPRETERS. USCA
 FOREST SERVICE GENERAL TECHNICAL REPORT PNW-9.
 AU - BOULANGER, F. DAVID; SMITH, JOHN P.
 OS - FOREST SERVICE (DOA), PORTLAND, OREG. PACIFIC NORTHWEST FOREST
 AND RANGE EXPERIMENT STATION.
 PD - 73
 NC - 31P.
 IS - RIE77MAY
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - G
 IT - CONSERVATION EDUCATION; DISCUSSION (TEACHING TECHNIQUE)
 IT - DISCUSSION PROGRAMS; *ENVIRONMENTAL EDUCATION; NATURAL RESOURCES
 IT - *OUTDOOR EDUCATION; *PUBLIC SPEAKING; QUESTIONING TECHNIQUES
 IT - *SPEECH SKILLS; TEACHING GUIDES; *TEACHING TECHNIQUES
 IT - TRAINING TECHNIQUES
 AB - THIS GUIDE, DESIGNED FOR USE BY EDUCATORS AND INTERPRETERS,
 OUTLINES PRINCIPLES AND TECHNIQUES FOR EFFECTIVE TALKS AND
 DISCUSSIONS. FOUR MAJOR READINGS ARE INCLUDED. THE FIRST,
 INTRODUCTION, DESCRIBES THE MAJOR PREMISES OF THE GUIDE, MAINLY
 (1) TEACHING IS AN ART AS WELL AS A SKILL; (2) TEACHING INVOLVES
 A RELATIONSHIP BETWEEN TEACHER AND LEARNER THAT GOES FAR BEYOND
 THE TRANSFER OF KNOWLEDGE; (3) ACTIVE INVOLVEMENT OF THE LEARNER
 IS CENTRAL TO GOOD TEACHING; AND (4) YOUR AUDIENCE MAY BE FREE TO
 LEAVE PHYSICALLY OR MENTALLY. SETTING THE DIRECTION, THE SECOND
 SECTION, FOCUSES ON CHOOSING OBJECTIVES, AUDIENCE
 CHARACTERISTICS, AND DECIDING WHAT TO PRESENT AND WHY. THE THIRD
 SECTION, REACHING YOUR AUDIENCE, LOOKS AT THE CHARACTERISTICS OF
 TALKS AND DISCUSSIONS AND LISTS SPECIFIC POINTS ON PREPARING
 BOTH. TECHNIQUES USEFUL FOR INTERPRETATION ARE SUMMARIZED IN
 SECTION FOUR. TOPICS DEALT WITH INCLUDE SELECTING AND ORGANIZING
 THE PRESENTATION, MOTIVATING AND FOCUSING THE AUDIENCE, GETTING
 FEEDBACK, QUESTIONING TECHNIQUES, ATTENTION HOLDING TECHNIQUES,
 AND OTHERS. A CHECKLIST AND BIBLIOGRAPHY ARE ALSO INCLUDED. THE
 GUIDE IS WRITTEN IN AN INFORMAL STYLE, WITH IMPORTANT WORDS AND
 PHRASES IN BOLD FACE TYPE, AND INCLUDES MANY ILLUSTRATIONS. (TM)

AN - E01330E5
 CHAN - PS009038
 TI - SUMMER CAMP.
 AU - BURNS, MAXINE; AND OTHERS
 DS - GEORGE WASHINGTON UNIV., WASHINGTON, D.C. INST. FOR EDUCATIONAL LEADERSHIP.; NATIONAL PUBLIC RADIO, WASHINGTON, D.C.
 PD - JUL 76
 NO - 26P.; TRANSCRIPT OF "OPTIONS IN EDUCATION" RADIO PROGRAM NO. 39 SCHEDULED FOR BROADCAST FOR THE WEEK OF JULY 26, 1976
 IS - RIETTMAY
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 SPO - CARNEGIE CORP. OF NEW YORK, N.Y.
 SPO - NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.
 SPO - OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
 DT - S
 IT - CAMPING; *DAY CAMP PROGRAMS; *EDUCATIONAL RADIO
 IT - *FEDERAL LEGISLATION; GOVERNMENT ROLE; OUTDOOR EDUCATION
 IT - RECREATIONAL ACTIVITIES; *RESIDENT CAMP PROGRAMS; *SAFETY
 IT - *S T E STANDARDS; SUMMER PROGRAMS; VACATION PROGRAMS
 IT - YOUTH PROGRAMS
 ST - AMERICAN CAMPING ASSOCIATION; CHILDREN AND YOUTH CAMP SAFETY ACT
 ST - *NATIONAL PUBLIC RADIO
 AB - GOVERNMENT REGULATION OF CHILDREN'S SUMMER CAMPS, PARTICULARLY INVOLVING HEALTH AND SAFETY STANDARDS, IS DISCUSSED IN A SERIES OF BRIEF INTERVIEWS WITH CAMP DIRECTORS AND REPRESENTATIVES OF CAMP ASSOCIATIONS. TRANSCRIBED FROM THE NATIONAL PUBLIC RADIO WEEKLY BROADCAST, "OPTIONS IN EDUCATION," THE PROGRAM INCLUDES A LENGTHY MONTAGE OF CHILDREN'S VOICES, GIVING EXPRESSIONS OF CAMP EXPERIENCES. INTERVIEWS FOCUS MAINLY ON SUMMER CAMP SAFETY LEGISLATION. AN OFFICIAL OF THE AMERICAN CAMPING ASSOCIATION (ACA) DISCUSSES HOW PARENTS SHOULD CHOOSE A CHILD'S CAMP, EMPHASIZING THE NEED FOR SAFETY STANDARDS. INSTANCES OF FRAUD AND MISREPRESENTATION IN CAMP ADVERTISING ARE DESCRIBED BY A DAY CAMP DIRECTOR. COMPREHENSIVE LAWS DEALING WITH YOUTH CAMP SAFETY EXIST IN ONLY SEVEN STATES, AND NEARLY ONE-HALF OF THE STATES HAVE NO REGULATIONS CONCERNING PERSONAL HEALTH AND MEDICAL SERVICES. ALTHOUGH THE ACA PROVIDES STRICT STANDARDS, ONLY HALF THE CAMPS IN THE UNITED STATES ARE ACA-ACCREDITED. LEGISLATION TO CREATE A NATIONAL CAMP SAFETY STANDARD WAS INTRODUCED INTO CONGRESS TEN YEARS AGO, BUT HAS NOT BEEN ENACTED. A COALITION FORMED TO PROMOTE CAMP SAFETY LEGISLATION, CONSISTING LARGELY OF AGENCY CAMPS SUCH AS BOY AND GIRL SCOUTS AND THE YMCA, IS DESCRIBED. ARGUMENTS CRITICAL OF FEDERAL REGULATION, PRESENTED BY CAMP DIRECTORS, CITE OVER-REGULATION AND IMPOSITION OF INAPPROPRIATE OR UNNECESSARY STANDARDS. A SUMMER CAMP FOR RETARDED CHILDREN AND A COMBINATION REMEDIAL SCHOOL AND DAY CAMP ARE ALSO DESCRIBED BRIEFLY. (BF)

AN - ED133140
 CHAN- SEC2(874)
 TI - OUTDOOR EDUCATION - A GUIDE TO SITE PLANNING AND IMPLEMENTATION
 OF PROGRAMS.
 DS - TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF CURRICULUM DEVELOPMENT.
 PD - 76
 NC - 72P.
 IS - R1E77MAY
 PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
 AV - TEXAS EDUCATION AGENCY, DIVISION OF CURRICULUM DEVELOPMENT, 201
 EAST ELEVENTH STREET, AUSTIN, TEXAS 78701 (\$2.00)
 DT - G
 IT - *ELEMENTARY SECONDARY EDUCATION; *ENVIRONMENTAL EDUCATION
 IT - *FACILITIES; INSTRUCTION; *OBJECTIVES; *OUTDOOR EDUCATION
 IT - *PROGRAM DEVELOPMENT
 AB - THIS BOOKLET PRESENTS GUIDELINES FOR INITIATING OUTDOOR
 INSTRUCTIONAL PROGRAMS. INITIALLY, THE GUIDE LISTS THE OBJECTIVES
 OF OUTDOOR EDUCATION: SURVIVAL, RECREATION, DEVELOPMENT OF
 PERSONAL HEALTH AND WELL-BEING, CAREER OPPORTUNITIES, AND SOCIAL
 ADJUSTMENT. A DISCUSSION FOLLOWS ON THE THREE PHASES OF SITE
 PLANNING. THE FIRST PHASE IS SITE ANALYSIS WHICH INVOLVES
 RESEARCH IN TOPOGRAPHY, ECOLOGY AND LAND USES AND CONTROL. THE
 SECOND PHASE ENCOMPASSES PROGRAM DEVELOPMENT WHICH INCLUDES THE
 STATEMENT OF PURPOSE AND OBJECTIVES, THE ROLE OF THE SCHOOL SITE,
 AND ANALYSIS OF THESE ROLES FOR PROGRAM DEVELOPMENT. THE FINAL
 PHASE CONCERNS SITE DESIGN OR A GRAPHIC REPRESENTATION COMBINING
 SITE ANALYSIS AND PROGRAM DEVELOPMENT. THE BOOKLET ALSO CONTAINS
 EXAMPLES OF SCHOOL SITES, A CHECKLIST FOR DEVELOPING A PROGRAM,
 GUIDELINES FOR PLANNING ACTIVITIES IN ALL CURRICULAR AREAS,
 SUGGESTED LEARNING EXPERIENCES IN EACH DISCIPLINE, AND RESOURCE
 AND REFERENCE LISTS. (MR)

AN - ED133141
CHAN - SE021155
TI - FOREST INTERPRETER'S PRIMER ON WILDLIFE. A REFERENCE FOR FOREST SERVICE, USDA FOREST INTERPRETERS.
AU - SMITH, GAIL P.
OS - FOREST SERVICE (DOA), WASHINGTON, D.C.
PD - JUN 75
NO - 61P.; PHOTOGRAPHS MAY NOT REPRODUCE WELL
IS - R1E77MAY
PR - EDRS PRICE MF-\$0.83 HC-\$3.50 PLUS POSTAGE.
DT -
IT - BIOLOGY; *CONSERVATION EDUCATION; *HIGHER EDUCATION
IT - *INSTRUCTIONAL MATERIALS; *NATURAL RESOURCES; OUTDOOR EDUCATION
IT - *SECONDARY EDUCATION; *WILDLIFE MANAGEMENT; *ZOOLOGY
AB - THIS GUIDE WAS PREPARED FOR THE USE OF FOREST SERVICE FIELD-BASED INTERPRETERS OF THE MANAGEMENT, PROTECTION, AND USE OF FOREST AND RANGE RESOURCES AND THE ASSOCIATED HUMAN, CULTURAL, AND NATURAL HISTORY FOUND ON THESE LANDS. IT CONSISTS OF BASIC FOREST AND RANGE WILDLIFE INFORMATION. SECTIONS IN THE PUBLICATION INCLUDE: (1) WHAT IS WILDLIFE; (2) BASIC NEEDS OF WILDLIFE; (3) PROPERTIES OF FISH AND WILDLIFE POPULATIONS; (4) USES OF WILDLIFE; (5) WILDLIFE MANAGEMENT - A BRIEF REVIEW; AND (6) WHAT OF THE FUTURE? (RH)

AN - ED133232
 CHAN- SE021908
 TI - WASHINGTON ENVIRONMENTAL YARD: AN ENVIRONMENTAL EDUCATION TOOL
 DESCRIPTION AND ASSESSMENT. FINAL REPORT.
 AU. - YOUNG, DONALD G., COMP.; AND OTHERS
 OS - BERKELEY UNIFIED SCHOOL DISTRICT, CALIF.
 PD - DEC 76
 NO - 332P.; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF
 ORIGINAL DOCUMENT
 IS - RIE77MAY
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 SPO - OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. OFFICE OF
 ENVIRONMENTAL EDUCATION.
 CG - G00-75-00911
 DT - K
 IT - CURRICULUM DEVELOPMENT; *ELEMENTARY EDUCATION; *ENVIRONMENT
 IT - *ENVIRONMENTAL EDUCATION; *FACILITIES; *INSTRUCTION
 IT - INTERDISCIPLINARY APPROACH; OUTDOOR EDUCATION
 AB - THE PROJECT DESCRIBED IN THIS PUBLICATION TOOK PLACE DURING THE
 1974-75 SCHOOL YEAR IN AN ELEMENTARY SCHOOL (K-4) IN BERKELEY,
 CALIFORNIA. THE PURPOSE OF THE PROJECT WAS TO INTEGRATE THE
 SCHOOL YARD INTO THE DAILY CLASSROOM ACTIVITIES OF THE CHILDREN
 AND THE STAFF. INCLUDED IN THE PUBLICATION ARE: (1) A DESCRIPTION
 OF THE ENVIRONMENTAL YARD, (2) THE TEACHING AND LEARNING
 ACTIVITIES USED, (3) THE RESEARCH COMPONENT OF THE PROJECT, (4)
 METHODS USED TO DEVELOP THE PROJECT, AND (5) APPENDICES OF A
 NUMBER OF ITEMS INCLUDING QUESTIONNAIRES, ACTIVITY CARDS, MAPS,
 AND BRAINSTORMING SESSIONS. THE PROJECT STAFF FELT THE REAL
 SUCCESS OF THE PROJECT WAS IN CLARIFYING HOW TO DO WHAT THEY WERE
 TRYING TO DO, METHODS THAT NEED TO BE EMPLOYED, AND HOW TO PLAN
 TO ORCHESTRATE THE PROGRAM. RECOMMENDATIONS FOR FUTURE PROGRAM
 DEVELOPMENT ARE PRESENTED. (RH)

AN - ED134362
 CHAN - RC009631
 TI - STRATEGIES TO AFFECT STUDENT SENSORY AWARENESS OF THE ENVIRONMENT
 IN A RURAL SCHOOLS SETTING: GRADE FOUR THROUGH GRADE SIX.
 AU - PETERS, RICHARD O.
 PD - AUG 76
 NO - 15P. FOR RELATED DOCUMENTS, SEE ED 125 838 AND RC 009 632
 IS - #IE77JUN
 PR - EDRS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
 DT - G
 IT - *ACTIVITIES; CONCEPT FORMATION; CURRICULUM GUIDES
 IT - EDUCATIONAL OBJECTIVES; *ELEMENTARY EDUCATION
 IT - ENVIRONMENTAL EDUCATION; GRADE 4; GRADE 5; GRADE 6; *LESSON PLANS
 IT - *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; RURAL AREAS
 IT - *RURAL SCHOOLS; *SENSORY EXPERIENCE
 ST - NEW HAMPSHIRE; *PROXIMITY
 AB - DESCRIBING THE UNION 58 EXPERIMENTAL SCHOOLS PROGRAM (ESP) IN
 NORTHERN, RURAL NEW HAMPSHIRE, THIS CURPICULUM GUIDE PRESENTS THE
 CONCEPT OF "PROXIMITY CONGRUENCY" AS A MEANS FOR DEVELOPING
 ELEMENTARY LEVEL (GRADES FOUR THROUGH SIX) STUDENT SENSORY
 AWARENESS OF THE ENVIRONMENT IN OUTDOOR AND/OR ENVIRONMENTAL
 EDUCATION PROCEDURES. PROXIMITY CONGRUENCY IS DEFINED AS A STATE
 OF HARMONY EXISTANT BETWEEN TWO OR MORE ANIMATE AND/OR INANIMATE
 OBJECTS WHEREIN THERE IS A NATURAL STATE OF INTERACTION. SOME OF
 THE OUTDOOR EDUCATION STRATEGIES FOR ACHIEVING PROXIMITY
 CONGRUENCY MENTIONED ARE FIELD TRIPS, NATURE WALKS, AND SITE
 STUDIES. ADDITIONALLY, THIS GUIDE PRESENTS EIGHT SAMPLE
 ENVIRONMENTAL EDUCATION SENSORY LESSONS IN A FORMAT THAT INCLUDES
 THE FOLLOWING: EDUCATIONAL FOCUS (EARTH'S RESOURCES, PLANTS AND
 ANIMALS, RECREATION, METRIC MEASURE, AND/OR MEASUREMENT); THE
 CONCEPT TO BE EXPLORED; GRADE RANGE; PURPOSE; AND NUMEROUS
 EXEMPLARY STUDENT ACTIVITIES. (JC)

AN - ED134363
 CHAN- RC009632
 TI - STRATEGIES TO AFFECT STUDENT SENSORY AWARENESS OF THE ENVIRONMENT
 IN A RURAL SCHOOLS SETTING: GRADE SEVEN THROUGH GRADE TWELVE.
 AU - PETERS, RICHARD O.
 PD - SEP 76
 NO - 12P.; FOR RELATED DOCUMENTS, SEE ED 125 838 AND RC 009 631
 IS - RI E77JUN
 PR - EDRS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
 DT - G
 IT - *ACTIVITIES; CONCEPT FORMATION; CURRICULUM GUIDES
 IT - EDUCATIONAL OBJECTIVES; ENVIRONMENTAL EDUCATION; *LESSON PLANS
 IT - *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS; RURAL AREAS
 IT - *RURAL SCHOOLS; *SECONDARY EDUCATION; *SENSORY EXPERIENCE
 ST - *NEW HAMPSHIRE; *PROXIMITY
 AB - DESCRIBING THE UNION 58 EXPERIMENTAL SCHOOLS PROGRAM (ESP) IN
 NORTHERN, RURAL NEW HAMPSHIRE, THIS CURRICULUM GUIDE PRESENTS THE
 CONCEPT OF "PROXIMITY CONGRUENCY" AS A MEANS FOR DEVELOPING
 SECONDARY LEVEL STUDENT SENSORY AWARENESS OF THE ENVIRONMENT IN
 OUTDOOR AND/OR ENVIRONMENTAL EDUCATION PROCEDURES. PROXIMITY
 CONGRUENCY IS DEFINED AS A STATE OF HAPMONY EXISTANT BETWEEN TWO
 OR MORE ANIMATE AND/OR INANIMATE OBJECTS WHEREIN THERE IS A
 NATURAL STATE OF INTERACTION. FIELD TRIPS, NATURE WALKS, AND SITE
 STUDIES ARE AMONG THE OUTDOOR EDUCATION STRATEGIES MENTIONED IN
 TERMS OF ACHIEVING PROXIMITY CONGRUENCY. ADDITIONALLY, THIS GUIDE
 PRESENTS FOUR SAMPLE ENVIRONMENTAL EDUCATION SENSORY LESSONS IN A
 FORMAT THAT INCLUDES THE FOLLOWING: EDUCATIONAL FOCUS (LAND USE
 STUDY, TREES, AND SEASHORE ENVIRONMENT); THE CONCEPT TO BE
 EXPLORED; GRADE RANGE; PURPOSE; AND NUMEROUS EXEMPLARY STUDENT
 ACTIVITIES. WHEN NECESSARY, THE LESSON ALSO INCLUDES SPECIFIC
 EQUIPMENT AND PROCEDURAL NEEDS. (JC)

AN - E0134384
 CHAN - RC005657
 TI - INCORPORATING ORIENTEERING IN SCHOOL PROGRAMS.
 AU - BRADFCRD, DOUGLAS
 DS - NEW MEXICO STATE UNIV., UNIVERSITY PARK. ERIC CLEARINGHOUSE ON
 RURAL EDUCATION AND SMALL SCHOOLS.
 PD - MAR 77
 RC - 36P.
 IS - R1E77JUN
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 AV - NATIONAL EDUCATIONAL LABORATORY PUBLISHERS, INC., 813 AIRPORT
 BOULEVARD, AUSTIN, TEXAS 78702 (STOCK NO. EC-046, \$3.00)
 SPO - NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.
 CG - 400-75-0025
 DT - G
 IT - *ACTIVITY LEARNING; COURSE ORGANIZATION; DEFINITIONS; DISTANCE
 IT - EDUCATIONAL EQUIPMENT; ELEMENTARY EDUCATION
 IT - *INTERDISCIPLINARY APPROACH; *MAP SKILLS; *OUTDOOR EDUCATION
 IT - *PHYSICAL ACTIVITIES; PROGRAM COSTS; PROGRAM GLIDES; *RUNNING
 IT - SKILL DEVELOPMENT; TIME
 ST - *ORIENTEERING
 AB - ORIENTEERING HAS BEEN DESCRIBED AS BEING "EITHER A SERIOUS SPORT,
 OR A RELAXING RECREATION". ORIENTEERING CAN BE A FAMILY AFFAIR OR
 AN INDIVIDUAL FIGHT AGAINST THE CLOCK. IN ITS SIMPLEST FORM,
 ORIENTEERING CAN BE DESCRIBED AS A CROSS-COUNTRY RUN, JOG, OR
 WALK ON A PREDETERMINED COURSE, USING A MAP AND A COMPASS TO FIND
 SEVERAL CONTROL POINTS ON THE WAY. ORIENTEERING REALIZES AN IDEAL
 BALANCE BETWEEN THE INTELLECTUAL AND THE PHYSICAL. IT REQUIRES AN
 INTEGRATION OF PHYSICAL SKILLS AND CONDITIONING WITH INTELLECTUAL
 EXPERTISE. SINCE THERE ARE MANY WAYS TO ANALYZE AND NAVIGATE LAND
 SURFACES, ORIENTEERING INCORPORATES A HIGHLY INDIVIDUALIZED
 COMBINATION OF ONE'S OWN ABILITIES AND JUDGMENT. THIS PAPER (1)
 DEFINES "ORIENTEERING" FOR THE EDUCATOR; (2) ACQUAINTS THE
 EDUCATOR, WHETHER SCHOOL ADMINISTRATOR OR TEACHER, WITH BASIC
 ORIENTEERING SKILLS; (3) PRESENTS A RATIONALE FOR THE INCLUSION
 OF ORIENTEERING IN THOSE AREAS OF THE SCHOOL CURRICULUM WHEREIN
 IT CAN BE UTILIZED ADVANTAGEOUSLY; AND (4) ACQUAINTS THE EDUCATOR
 WITH THE FACTORS THAT MUST BE CONSIDERED IN ESTABLISHING AN
 ORIENTEERING PROGRAM. (AUTHOR/NC)

AN - ED1344C8
 CHAN- SE021382
 TT - NATURE TRAILS FOR THE VISUALLY IMPAIRED.
 AU - SCHWARTZ, JONATHAN R.
 OS - SYRACUSE UNIV., N.Y. ENVIRONMENTAL STUDIES INST.
 PD - 76
 NO - 47P.; CONTAINS OCCASIONAL LIGHT AND BROKEN TYPE.
 IS - RTE77JUN
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - K
 IT - *EDUCATIONAL FACILITIES; *EDUCATIONAL RESEARCH; *HANDICAPPED
 LT - *NATURE CENTERS; *OUTDOOR EDUCATION; *VISUALLY HANDICAPPED
 ST - NATURE TRAILS
 AB - MANY INTERPRETIVE NATURE TRAILS HAVE BEEN ESTABLISHED FOR THE VISUALLY IMPAIRED IN RECENT YEARS. THE OBJECTIVES OF THE INVESTIGATION WERE TO (A) IDENTIFY WHAT HAS BEEN DONE IN THE PAST IN THE WAY OF NATURE TRAIL DESIGN FOR THE VISUALLY IMPAIRED, (B) COMPARE THIS WITH WHAT PROFESSIONAL WORKERS FOR THE VISUALLY IMPAIRED CONSIDER IMPORTANT IN THE DESIGN OF THE FACILITIES, AND (C) TO PROVIDE GUIDELINES FOR THE DESIGN OF FUTURE TRAILS FOR THE VISUALLY IMPAIRED. IT WAS DETERMINED THAT THE "TYPICAL" NATURE CENTER WAS OVER FIVE MILES FROM THE NEAREST URBAN CENTER, NOT ON PUBLIC TRANSPORTATION LINES, AND PROVIDED A SINGLE SPECIAL TRAIL FOR THE VISUALLY IMPAIRED WITH GUIDE ROPES AND BRAILLE SIGNS. AS A RESULT OF THE LITERATURE SEARCH, THE INFORMAL INTERVIEWS WITH VISUALLY IMPAIRED STUDENTS, AND THE SURVEY OF ORIENTATION AND MOBILITY INSTRUCTORS, THE FOLLOWING SUGGESTIONS ARE MADE FOR THE DESIGN OF FUTURE NATURE TRAILS: (1) NO SPECIAL TRAILS SHOULD BE ESTABLISHED, AS THESE TEND TO ISOLATE THE VISUALLY IMPAIRED FROM THE REST OF THE VISITORS; (2) ALL TRAILS SHOULD BE CLEARLY DIFFERENTIATED FROM THE SURROUNDING ENVIRONMENT SO THAT THE VISUALLY IMPAIRED CAN USE RESIDUAL SIGHT OR PROPER MOBILITY TECHNIQUES FOR TRAVEL; ROPES ARE UNNECESSARY AND OFTEN VANDALIZED; (3) SPECIAL PAVEMENT IS NOT NEEDED; (4) RAILINGS SHOULD BE PROVIDED AT HAZARDOUS AREAS; AND (5) INTERPRETATION SHOULD BE OFFERED THROUGH THE USE OF PORTABLE CASSETTE TAPE PLAYERS, AND BOOKLETS FOR THE HARD OF HEARING. (AUTHOR/RH)

AN - E0134414
CHAN - SE021491
TI - RECREATION ACTIVITY CLUSTERING: BEHAVIORAL AND MANAGEMENT IMPLICATIONS.

AU - YOESTING, DEAN R.

PD - 75

NO - 29P.

IS - PIF77JUN

PP - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.

DT - K

IT - *BEHAVIOR PATTERNS; *OUTDOOR EDUCATION; *RECREATION

IT - *RECREATIONAL ACTIVITIES; *RECREATIONAL FACILITIES; RESEARCH

ST - *RESEARCH REPORTS

AB - AN ALTERNATIVE METHOD FOR PREDICTING RECREATION USE PATTERNS IS EXPLORED. A FACTOR ANALYTICAL TECHNIQUE IS USED TO DETERMINE IF PATTERNS AND RECREATION CLUSTERS EXIST THAT CAN BE USED IN ESTIMATING RESPONSE TO NEW KINDS OF RECREATION DEVELOPMENTS. ANALYSIS OF 45 OUTDOOR RECREATION ACTIVITIES IS PRESENTED WITH 5 RECREATION CLUSTERS DEVELOPED. SOCIOECONOMIC CHARACTERISTICS ARE RELATED TO CLUSTER PARTICIPATION, AND INTERCLUSTER PARTICIPATION IS EXAMINED. A STRATIFIED RANDOM SAMPLE OF IOWA RESIDENTS 12 AND OLDER WAS USED. MANAGEMENT IMPLICATIONS ARE DISCUSSED. (AUTHOR)



AN - ED134.19
 CHAN - SE021491
 TI - GUIDE FOR SELF-APPRAISAL AND CERTIFICATION OF RESIDENT OUTDOOR ENVIRONMENTAL EDUCATION PROGRAMS.
 OS - LOS ANGELES COUNTY SUPERINTENDENT OF SCHOOLS, CALIF.
 PD - 75
 NO - 89P.
 IS - R1E77JUN
 PR - EDRS PRICE MF-\$0.83 HC-\$4.67 PLUS POSTAGE.
 SPO - CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO.
 DT - 0
 IT - *CERTIFICATION; *ELEMENTARY SECONDARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; *EVALUATION; *OUTDOOR EDUCATION
 IT - PROGRAM DEVELOPMENT; PROGRAM EVALUATION; SCIENCE EDUCATION
 IT - *STATE STANDARDS
 ST - *CALIFORNIA; RESIDENT OUTDOOR EDUCATION
 AB: - THIS GUIDE WAS THE FIRST OF ITS KIND FOR PUBLIC SUPPORTED RESIDENT OUTDOOR ENVIRONMENTAL EDUCATION PROGRAMS (ROEEP) IN CALIFORNIA. THE DOCUMENT CONTAINS AN INSTRUMENT WHICH WILL IDENTIFY THE STRENGTHS AND POSSIBLE AREAS OF IMPROVEMENT FOR SPECIFIC RESIDENT OUTDOOR ENVIRONMENTAL EDUCATION PROGRAMS. THE INSTRUMENT AND PROCEDURES WERE FIELD TESTED. THE PURPOSES OF THE DOCUMENT ARE: (1) TO PROVIDE STANDARDS FOR ROEEP CERTIFICATION (MAKING THE INSTITUTION ELIGIBLE FOR POSSIBLE STATE FUNDS). AND (2) FOR SELF-STUDY TO IMPROVE THE LOCAL PROGRAM. THE CHECK LISTS AND PROCEDURES INCLUDE MANY USEFUL IDEAS FOR ANYONE INVOLVED WITH RESIDENT EDUCATION PROGRAMS. (RH)

AN - ED134433
 CHAV - SE021719
 TI - ENVIRONMENTAL EDUCATION CURRICULUM GUIDE - K-GRADE 5. AH-NEI,
 THE SPECIAL CLASSROOM ENVIRONMENTAL EDUCATION STUDY AREA .
 OS - BUREAU OF LAND MANAGEMENT (DEPT. OF INTERIOR), BILLINGS, MONT.
 PD - MAR 75
 NO - 236P.; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF
 ORIGINAL DOCUMENT
 IS - R1E77JLN
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - C
 IT - BIOLOGY; CURRICULUM; EARTH SCIENCE; ECOLOGY
 IT - *ELEMENTARY EDUCATION; *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENT
 IT - *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS
 IT - *OUTDOOR EDUCATION; *TEACHING GUIDES
 AB - THIS IS A CURRICULUM GUIDE FOR ENVIRONMENTAL EDUCATION DESIGNED
 FOR USE IN GRADES K-5. WHILE THE GUIDE IS DESIGNED TO BE USED IN
 A MONTANA ENVIRONMENTAL EDUCATION STUDY AREA, MOST ACTIVITIES CAN
 BE USED DIRECTLY IN OTHER LOCATIONS; OTHERS CAN BE ADAPTED.
 INCLUDED ARE: (1) A DISCUSSION OF ECOLOGICAL TERMS, (2) A LIST OF
 VOCABULARY WORDS, (3) ACTIVITIES, AND (4) SUGGESTIONS FOR
 INSTRUCTION. MOST OF THE ACTIVITIES ARE DETAILED WITH BACKGROUND
 INFORMATION FOR THE TEACHER. THE SUGGESTIONS FOR INSTRUCTION
 INCLUDE A NUMBER OF CHECK LISTS AND OTHER PRACTICAL SUGGESTIONS
 FOR TEACHERS. (RH)

AN - ED134448
 CHAN - SE021919
 TI - VALUING THE ENVIRONMENT, K-6.
 OS - CHARLOTTE-MECKLENBURG PUBLIC SCHOOLS, CHARLOTTE, N.C.
 PD - 75
 NO - 143P.: FOR RELATED DOCUMENTS, SEE SE 021 920 AND ED 106 087; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT
 IS - RTF77JUN
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 SPO - NORTH CAROLINA STATE DEPT. OF PUBLIC INSTRUCTION, RALEIGH. DIV. OF DEVELOPMENT.
 DT - G
 IT - CONSERVATION EDUCATION; *ELEMENTARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS
 IT - LEARNING ACTIVITIES; *NATURAL RESOURCES; OUTDOOR EDUCATION
 IT - SCIENCE ACTIVITIES; SCIENCE EDUCATION; *VALUES
 AB - THIS GUIDE WAS DEVELOPED FOR USE IN GRADES K-6 AS AN ENRICHMENT PROGRAM BASED ON CLARIFYING VALUES. THE PROGRAM, DESIGNED BY TEACHERS, AIMS TO DEVELOP IN THE STUDENT A GREATER AWARENESS AND UNDERSTANDING OF THE COMMUNITY, THEMSELVES, AND THE EARTH. THE PROGRAM INCLUDES A NUMBER OF ENVIRONMENTAL ENCOUNTERS. TOPICAL THEMES LEAD TEACHERS AND STUDENTS THROUGH MAIN AREAS OF AWARENESS: PLANTS AND ANIMALS, WATER, AIR, ENERGY, NATURAL RESOURCES, LAND USE, AND AESTHETICS AND POLLUTION. THE CONCEPTUAL SCHEMES UNDER EACH AREA OF AWARENESS INCREASE IN COMPLEXITY ACCORDING TO THE DEVELOPMENT LEVEL OF THE STUDENTS. THE ACTIVITIES IN THE ENCOUNTERS ARE ACTION-ORIENTED, STUDENT-CENTERED ACTIVITIES WHICH PROVIDE "HANDS-ON" LEARNING EXPERIENCES. EACH ENCOUNTER PROVIDES BACKGROUND INFORMATION, BEHAVIORAL OBJECTIVES, ACTIVITIES, A RESOURCE REFERENCE LISTING, AND VALUE CLARIFICATION STRATEGIES. INSTRUCTIONS FOR USE OF THE VALUE CLARIFICATION STRATEGIES CONTAINED IN THE PROGRAM ARE INCLUDED. (AUTHOR/RH)

AN - ED134449
 CHAN- SF021920
 TI - VALUING THE ENVIRONMENT, 7-12.
 OS - CHARLOTTE-MECKLENBURG PUBLIC SCHOOLS, CHARLOTTE, N.C.
 PD - JUN 75
 NO - 199P.; FOR RELATED DOCUMENTS, SEE SE 021 919 AND ED 106 087; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT
 IS - F1E77JUN
 PR - EPRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EPRS.
 SPJ - DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C.
 CG - CEG-C-74-7362
 DT - G
 IT - CONSERVATION EDUCATION; *CURRICULUM; *ENVIRONMENT
 IT - *ENVIRONMENTAL EDUCATION; INSTRUCTIONAL MATERIALS
 IT - LEARNING ACTIVITIES; NATURAL RESOURCES; OUTDOOR EDUCATION
 IT - SCIENCE EDUCATION; *SECONDARY EDUCATION; SOCIAL PROBLEMS
 I - *TEACHING GUIDES; *VALUES
 AB - THIS DOCUMENT IS A PILOT PROGRAM OF AN INTERDISCIPLINARY NATURE THAT COMPLEMENTS THE EXISTING CURRICULUM UTILIZING VALUE CLARIFICATION STRATEGIES. INCLUDED IN THIS PUBLICATION ARE A VARIETY OF VALUE ENCOUNTERS. THE VALUE ENCOUNTERS ARE DIVIDED INTO FOUR BROAD CONCEPTUAL AREAS: (1) ENVIRONMENTAL MANAGEMENT; (2) ENVIRONMENTAL QUALITY; (3) ENVIRONMENTAL ECOLOGY; AND (4) SOCIOCULTURAL ENVIRONMENT. FOR EACH ENCOUNTER, THERE IS AN INTRODUCTORY SECTION, BEHAVIORAL OBJECTIVES, ACTIVITIES, VALUES STRATEGIES, AND A BIBLIOGRAPHY OF USEFUL RESOURCES. THE ACTIVITIES ARE GRADED FOR APPLICABILITY, GRADES 7-9, 10-12, OR 7-12. (RH)

AN - ED134471
 CHAN - SE022008
 TI - EDUCATION'S ROLE IN LAND USE PLANNING. NATIONAL CONFERENCE OF THE CONSERVATION EDUCATION ASSOCIATION (23RD, UNIVERSITY OF PORTLAND, PORTLAND, OREGON, AUGUST 15-19, 1976).
 PD - AUG 76
 NO - 59P.; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT
 IS - R1E77JUN
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - S
 IT - *CONFERENCES; CONSERVATION (CONCEPT); *CONSERVATION EDUCATION
 IT - *ENVIRONMENT; ENVIRONMENTAL EDUCATION; *LAND USE
 IT - *NATURAL RESOURCES; OUTDOOR EDUCATION; *PLANNING
 IT - *PROGRAM DESCRIPTIONS
 AB - PRESENTED IS AN OUTLINE OF THE PROGRAM AND ABSTRACTS OF MOST PRESENTED PAPERS FOR THE 23RD NATIONAL CONFERENCE OF THE CONSERVATION EDUCATION ASSOCIATION HELD IN AUGUST, 1976. THE THEME OF THE CONFERENCE WAS EDUCATION'S ROLE IN LAND USE PLANNING. PAPERS PRESENTED INCLUDE A VARIETY OF TOPICS RELATED TO LAND USE, CONSERVATION EDUCATION, NATURAL RESOURCES, ENVIRONMENTAL EDUCATION, AND OUTDOOR EDUCATION. A VARIETY OF PROGRAMS IS DESCRIBED INCLUDING FEDERAL, STATE, AND COUNTY LAND USE PLANNING AND PROGRAMS, AND SUCCESSFUL CASE HISTORIES OF EDUCATION'S ROLE IN LAND USE PLANNING FROM DIFFERENT PARTS OF THE UNITED STATES. (RH)



AN - ED135544
 CHAN - RCC097C5
 TI - ADMINISTRATIVE PROCEDURES FOR ESTABLISHING AN EFFECTIVE OUTDOOR PROGRAM FOR 5TH GRADE STUDENTS OF THE HOUSTON INDEPENDENT SCHOOL DISTRICT.
 AU - HUCKESTEIN, JOSEPH J.
 PD - 3 AUG 76
 NO - 161P.; PRACTICUM REPORT FOR ED.D. DEGREE, NOVA UNIVERSITY
 IS - R1E77JUL
 PR - EDRS PRICE MF-\$0.83 HC-\$8.69 PLUS POSTAGE.
 DT - R
 IT - *CAMPING; *CHANGING ATTITUDES; CURRICULUM GUIDES
 IT - *ENVIRONMENTAL EDUCATION; GRADE 5; *OUTDOOR EDUCATION
 IT - *PROGRAM EVALUATION; SELF CONCEPT; *STUDENT ATTITUDES
 ST - *HOUSTON INDEPENDENT SCHOOL DISTRICT
 AB - PRACTICUM OBJECTIVES WERE TO: SELECT 3 OUTDOOR CAMPSITES, EACH WITH THE FACILITIES TO ACCOMMODATE 120 STUDENTS PER WEEK AND TO PROVIDE AN ENVIRONMENT TO IMPLEMENT OUTDOOR EDUCATION CONCEPTS (KNOWLEDGE AND SKILLS FOR INTELLIGENT ENVIRONMENTAL DECISION MAKING AND POSITIVE ATTITUDES TOWARD SELF, OTHERS, AND THE ENVIRONMENT); PREPARE AND DISSEMINATE AN OUTDOOR EDUCATION GUIDE FOR THE HOUSTON INDEPENDENT SCHOOL DISTRICT; DETERMINE THROUGH THE USE OF A PRE- AND POST-INSTRUMENT THE DEGREE OF THE STUDENT'S MODIFICATIONS TOWARD ENVIRONMENTAL AWARENESS. FROM AMONG 9,000 ETHNICALLY STRATIFIED (BLACK, MEXICAN AMERICAN, AND OTHER) FIFTH GRADE STUDENTS PARTICIPATING IN A SEQUENCE OF OUTDOOR CAMPING EXPERIENCES, 400 STUDENTS WERE RANDOMLY SELECTED AS AN EXPERIMENTAL GROUP; 100 NON-CAMPING STUDENTS MADE UP THE CONTROL GROUP. BOTH GROUPS WERE GIVEN PRE AND POST ATTITUDINAL QUESTIONNAIRES, AND THE EXPERIMENTAL GROUP WAS GIVEN THE SAME INSTRUMENT THREE MONTHS AFTER THE CAMPING EXPERIENCE TO DETERMINE IF THERE WERE ANY CARRYOVER. ADDITIONALLY, 35 PARTICIPATING TEACHERS WERE GIVEN AN OPINIONNAIRE FOR PURPOSES OF PROGRAM IMPROVEMENT. IN GENERAL, FINDINGS INDICATED THAT THERE WERE POSITIVE ATTITUDINAL CHANGES AS A RESULT OF THE PROGRAM. AMONG THE RECOMMENDATIONS MADE FOR FUTURE PROGRAMS WERE: SHORTER NATURE WALKS; AN OPINIONNAIRE FOR THE PARENTS OF PARTICIPATING STUDENTS; MORE CLEARLY DEFINED TEACHER ROLES; FOLLOWUP ON THE EXPERIMENTAL GROUP; ETC. (JC)

- AN - E0136971
- CHAN - R0005715
- TI - OUTDOOR EDUCATION, A SELECTED BIBLIOGRAPHY (WITH ERIC ABSTRACTS). ERIC/CRESS SUPPLEMENT NO. 6.
- OS - NEW MEXICO STATE UNIV., UNIVERSITY PARK. ERIC CLEARINGHOUSE ON RURAL EDUCATION AND SMALL SCHOOLS.
- PD - MAR 77
- NG - 111P.; FOP RELATED DOCUMENT, SEE ED 118 306
- IC - RIE77AUG
- PC - EDRS PRICE MF-\$0.83 HC-\$6.01 PLUS POSTAGE.
- AV - NATIONAL EDUCATIONAL LABORATORY PUBLISHERS, INC., 813 AIRPORT BOULEVARD, ALSTIN, TEXAS 78702 (STOCK NO. EC-052, \$5.50)
- SO) - NATIONAL INST. OF EDUCATION (D-FEW), WASHINGTON, D.C.
- CG - 400-75-0025
- DT - L
- IT - *ABSTRACTS; *ANNOTATED BIBLIOGRAPHIES; CAMPING
- IT - *CONSERVATION EDUCATION; CURRICULUM GUIDES
- IT - EARLY CHILDHOOD EDUCATION; ELEMENTARY SECONDARY EDUCATION
- IT - *ENVIRONMENTAL EDUCATION; FIELD TRIPS; HANDICAPPED CHILDREN
- IT - HIGHER EDUCATION; INSTRUCTIONAL MATERIALS; LEARNING ACTIVITIES
- IT - NATURAL RESOURCES; *OUTDOOR EDUCATION; PROGRAM DESCRIPTIONS
- IT - PROGRAM DEVELOPMENT; RESOURCE GUIDES; SCIENCE ACTIVITIES
- IT - SCIENCE EDUCATION; SUBJECT INDEX TERMS; TEACHING GUIDES
- IT - URBAN EDUCATION
- AS - A SUPPLEMENT TO SIX PREVIOUS BIBLIOGRAPHIES, THIS BIBLIOGRAPHY PROVIDES ACCESS TO SOME OF THE LATEST RESOURCE MATERIAL, RESEARCH FINDINGS, AND/OR DEVELOPMENTS IN OUTDOOR EDUCATION. PART I CONTAINS 47 CITATIONS AND ABSTRACTS WHICH APPEARED IN "RESOURCES IN EDUCATION" (RIE) FROM THE JANUARY 1976 ISSUE THROUGH THE DECEMBER 1976 ISSUE. PART II INCLUDES 69 CITATIONS OF JOURNAL ARTICLES WHICH APPEARED IN "CURRENT INDEX TO JOURNALS IN EDUCATION" (CIJE) FROM THE JANUARY 1976 ISSUE THROUGH THE DECEMBER 1976 ISSUE. IN ADDITION TO OUTDOOR EDUCATION, THE CITATIONS COVER SUCH TOPICS AS CAMPING, CONSERVATION EDUCATION, CURRICULUM DEVELOPMENT, DISCOVERY LEARNING, ECOLOGY, EDUCATIONAL PHILOSOPHY, ELEMENTARY SCHOOL SCIENCE, ENVIRONMENTAL EDUCATION, FIELD TRIPS, FACILITIES, HANDICAPPED CHILDREN, LAND USE, LEARNING ACTIVITIES, NATURAL RESOURCES, NATURE CENTERS, OCEANOLOGY, PROGRAM DEVELOPMENT, RESIDENT CAMP PROGRAMS, SCIENCE ACTIVITIES, TEACHER EDUCATION, AND URBAN ENVIRONMENT AND EDUCATION. TYPES OF MATERIALS CITED INCLUDE CURRICULUM GUIDES, RESEARCH REPORTS, RESOURCE GUIDES, INSTRUCTIONAL MATERIALS, PROGRAM DESCRIPTIONS, AND TEACHING GUIDES. A COMBINED RIE AND CIJE SUBJECT INDEX IS PROVIDED TO ASSIST THE USER IN LOCATING CITATIONS PERTAINING TO A GIVEN SUBJECT AREA WITHIN THE REALM OF OUTDOOR EDUCATION. ORDERING INFORMATION AND A LIST OF THE 16 ERIC CLEARINGHOUSES ARE INCLUDED. (NC)



AN - ED13695E
 CHAN - RC005776
 TI - A STUDY OF THE EFFECTS A RESIDENTIAL OUTDOOR EDUCATION EXPERIENCE HAD ON ADULTS WHO ATTENDED A PROGRAM IN ROCKFORD AS STUDENTS IN 1963 AND 1966.
 AU - WARD, MARY E.
 PD - 1 DEC 76
 NO - 49P.; TERM REPORT FOR "OUTDOOR TEACHER EDUCATION 555: INTRODUCTION TO EDUCATIONAL RESEARCH IN OUTDOOR EDUCATION"
 IS - RI E77AUG
 PR - EOPS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 DT - R
 IT - *ADULTS; ATTITUDES; ELEMENTARY EDUCATION; FOLLOWUP STUDIES
 IT - *GRADE 5; LEARNING EXPERIENCE; *OUTDOOR EDUCATION
 IT - *PROGRAM ATTITUDES; *PROGRAM EFFECTIVENESS; QUESTIONNAIRES
 IT - *RESIDENT CAMP PROGRAMS
 ST - *ILLINOIS (ROCKFORD)
 AB - THE STUDY DETERMINED WHETHER A RESIDENTIAL OUTDOOR EDUCATION PROGRAM IN ROCKFORD, ILLINOIS PROVIDED A LONG LASTING EFFECT ON THOSE STUDENTS WHO AS 5TH GRADERS PARTICIPATED IN A WEEK LONG EXPERIENCE IN 1963 OR 1966. THE HYPOTHESES DEVELOPED WERE: OUTDOOR EDUCATIONAL EXPERIENCES PROVIDE A LONG LASTING EFFECT ON THOSE WHO HAVE HAD THE EXPERIENCE; PAST OUTDOOR EDUCATIONAL EXPERIENCES PROVIDE FOR AWARENESS OF THE ENVIRONMENT AND ENVIRONMENTAL PROBLEMS; CONCEPTS FOR OUTDOOR EDUCATION ARE OF VALUE TO OUTDOOR EDUCATIONAL PROGRAMS; AND PARENTS WHO PARTICIPATED IN OUTDOOR EDUCATIONAL EXPERIENCES AS STUDENTS FEEL THE EXPERIENCE WAS WORTHWHILE AND WOULD SUPPORT AN OUTDOOR EDUCATION EXPERIENCE FOR THEIR CHILDREN. DATA WERE OBTAINED FROM: A LETTER SENT TO THE TEACHER ASKING ABOUT THE PROGRAM, AND ATTITUDE QUESTIONNAIRES MAILED TO 22 PARTICIPANTS OF THE 1963 CLASS AND 16 OF THE 1966 CLASS. TEN OF THE 22 AND 5 OF THE 16 QUESTIONNAIRES WERE RETURNED. IT WAS FOUND THAT THE RESIDENTIAL OUTDOOR EDUCATION EXPERIENCE THAT THESE ADULTS PARTICIPATED IN AS CHILDREN HAD HAD A LONG LASTING EFFECT ON THEM. THEY REMEMBERED THEIR EXPERIENCES, AND THE ACTIVITIES THEY PARTICIPATED IN. THEY FELT THAT THIS EXPERIENCE WAS GOOD AND WORTHWHILE TO THEM, AND IT WOULD BE SO TO THEIR CHILDREN. THE OPPORTUNITY TO ENJOY THE OUTDOORS AS CHILDREN MAY HAVE LED TO THEIR INTEREST IN OUTDOOR ACTIVITIES AS ADULTS. (AC)

AN - ED137081
 CHAN - SEQ2210
 TI - ELEMENTARY ENVIRONMENTAL LEARNING PACKET K-3, THIRD REVISED EDITION. PRIMARY CEL BLOCKS, STUDENT ACTIVITY CARDS .
 OS - BREVARD COUNTY SCHOOL BOARD, COCOA, FLA.
 PD - 76
 NO - 264P.; FOR RELATED INTERMEDIATE LEARNING PACKET, SEE SE 022 110; FOR THE SECOND REVISED EDITION OF PRIMARY TEACHER'S GUIDE, SEE ED 119 960; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT
 IS - R1E77AUG
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 SPO - BUREAU OF ELEMENTARY AND SECONDARY EDUCATION (DHEW/OE), WASHINGTON. D.C.
 DT - G
 IT - ART; *ELEMENTARY EDUCATION; *ENVIRONMENT
 IT - *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS; LANGUAGE ARTS
 IT - *LEARNING ACTIVITIES; MATHEMATICS; MUSIC; OUTDOOR EDUCATION
 IT - PRIMARY GRADES; SCIENCE ACTIVITIES; SOCIAL STUDIES
 ST - ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III
 AB - THIS ENVIRONMENTAL EDUCATION PROGRAM CONSISTS OF TWO LEVELS: PRIMARY AND INTERMEDIATE. THE LEARNING MATERIALS ARE ACTIVITY BASED AND INCORPORATE PROCESS AND SUBJECT AREA SKILLS WITH KNOWLEDGE AND CONCERN FOR THE ENVIRONMENT. THE PROGRAM IS ALSO INTERDISCIPLINARY INCLUDING ACTIVITIES AND SKILLS FROM ART, LANGUAGE ARTS, MATHEMATICS, MUSIC, SCIENCE, AND SOCIAL STUDIES. THE MATERIALS IN THIS PRIMARY SET CONSIST OF STUDENT ACTIVITY CARDS AND RESOURCE MATERIALS. A GLOSSARY IS PROVIDED; IT IS KEYED TO THE ACTIVITY CARDS. (RH)

AN - E0137062
 CHAN - SF022110
 TI - ELEMENTARY ENVIRONMENTAL LEARNING PACKET GRADES 4-6, THIRD
 REVISED EDITION. INTERMEDIATE CEL BLOCKS, STUDENT ACTIVITY
 CARDS.
 OS - BREVARD COUNTY SCHOOL BOARD, COCCA, FLA.
 PD - 76
 NO - 279P.; FOR RELATED PRIMARY LEARNING PACKET, SEE SE 022 109; FOR
 THE SECOND REVISED EDITION OF THE INTERMEDIATE TEACHER'S GUIDE,
 SEE ED 119 961; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL
 LEGIBILITY OF ORIGINAL DOCUMENT
 IS - RIE77AUG
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 SPO - BUREAU OF ELEMENTARY AND SECONDARY EDUCATION (OHEW/OEI),
 WASHINGTON, D.C.
 DT - G
 IT - *ELEMENTARY EDUCATION; *ENVIRONMENT; *ENVIRONMENTAL EDUCATION
 IT - *INSTRUCTIONAL MATERIALS; *LEARNING ACTIVITIES; OUTDOOR EDUCATION
 IT - SCIENCE ACTIVITIES; SOCIAL STUDIES
 ST - ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III
 AB - THIS ENVIRONMENTAL EDUCATION PROGRAM CONSISTS OF TWO LEVELS:
 PRIMARY AND INTERMEDIATE. THE LEARNING MATERIALS ARE ACTIVITY
 BASED AND INCORPORATE PROCESS AND SUBJECT AREA SKILLS WITH
 KNOWLEDGE AND CONCERN FOR THE ENVIRONMENT. THE PROGRAM IS ALSO
 INTERDISCIPLINARY INCLUDING ACTIVITIES AND SKILLS FROM SEVERAL
 AREAS. THE MATERIALS IN THIS SET FOR INTERMEDIATE AND UPPER
 GRADES CONSIST OF STUDENT ACTIVITY CARDS AND RESOURCE MATERIALS.
 A GLOSSARY IS PROVIDED; IT IS KEYED TO THE ACTIVITY CARDS. (RH)

OU

AN - ED137129
 CHAN- SE022395
 TI - CURRICULUM REPORT, VOLUME 6, NUMBER 3, MARCH 1977.
 CS - NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS; RESTON, VA.
 PD - MAR 77
 NO - 13P.: FOR VOL. 3, N. 1. SEE ED 100 177; FOR VOL. 3, NO. 6, SEE
 ED 093 773; NOT AVAILABLE IN HARD COPY DUE TO COPYRIGHT
 RESTRICTIONS
 TS - RIE77AUG.
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS, 1904
 ASSOCIATION DRIVE, RESTON, VIRGINIA 22091 (\$0.50 SINGLE COPY;
 2-10 COPIES \$0.30 EA.; PAYMENT MUST ACCOMPANY ORDER OF \$10.00 OR
 LESS)
 DT - J
 IT - *CURRICULUM; *ELEMENTARY SECONDARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; FIELD STUDIES; *INSTRUCTIONAL MATERIALS
 IT - OBJECTIVES; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS
 AB - THIS ISSUE OF CURRICULUM REPORT IS CONCERNED WITH ENVIRONMENTAL
 EDUCATION. PRESENTED ARE: (1) PRIMARY PURPOSES AND PREMISES OF
 ENVIRONMENTAL EDUCATION; (2) EXAMPLES OF SECONDARY SCHOOL
 ENVIRONMENTAL EDUCATION PROGRAMS; (3) THE USE OF OUTDOOR
 LABORATORIES AND NATURE CENTERS; (4) ENVIRONMENTAL EDUCATION
 PROGRAMS FOR STUDENTS WITH SPECIAL NEEDS; AND (5) MATERIALS
 AVAILABLE FROM THE ERIC SYSTEM AND OTHER SOURCES. (RH)

AN - ED137283
CHAN- SP010924
TI - A SOCIAL SCIENCE BIBLIOGRAPHY OF LEISURE AND RECREATION RESEARCH.
AU - BURDGE, RABEL J.; AND OTHERS
PD - DEC. 75
NO - 114P.
TS - RIET7AUG
PR - EDRS PRICE MF-\$0.83 HC-\$6.01 PLUS POSTAGE.
DT - L
IT - *BIBLIOGRAPHIC CITATIONS; ECONOMIC FACTORS; *LEISURE TIME
IT - *LIFETIME SPORTS; OUTDOOR EDUCATION
IT - *PHYSICAL RECREATION PROGRAMS; *RECREATIONAL ACTIVITIES
IT - *RECREATIONISTS; SOCIAL ATTITUDES; SOCIAL RECREATION PROGRAMS
IT - SOCIAL SCIENCE RESEARCH
AB - THIS BIBLIOGRAPHY PROVIDES AN ACCESSIBLE SOURCE TO SOCIAL SCIENCE RESEARCH IN LEISURE, RECREATION, AND SPORTS. TOPICAL AREAS COVERED INCLUDE: (1) BIBLIOGRAPHIC SOURCES ON LEISURE AND RECREATION; (2) PHILOSOPHICAL ISSUES IN LEISURE; (3) THEORIES OF LEISURE AND RECREATION; (4) METHODS IN LEISURE AND RECREATION RESEARCH; (5) EVALUATION OF LEISURE AND RECREATION PROGRAMS; (6) MANAGEMENT AND PLANNING FOR LEISURE; (7) PROFILES OF LEISURE AND RECREATION BEHAVIOR; (8) RESOURCE-BASED OUTDOOR RECREATION; (9) LEISURE, RECREATION, AND THE ENVIRONMENT; (10) THE ECONOMICS OF RECREATION AND LEISURE; (11) COMMERCIAL AND PRIVATE RECREATION ACTIVITIES; (12) RECREATIONAL TRAVEL; (13) URBAN RECREATION; (14) LEISURE AND RECREATION PLACES; (15) LEISURE VALUES AND ATTITUDES; (16) SOCIAL CLASS, WORK, AND LEISURE; (17) SPORTS; AND (18) DEMAND ANALYSIS AND PREDICTION. (JD)

- AN - ED137523
 CHAN - CE01C36C
 TI - OUTDOOR RECREATION. CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION.
 AU - MCFLWEE, ROBERT; AND OTHERS
 JS - VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. AGRICULTURAL EDUCATION PROGRAM.
 PD - 76
 NO - 83P.; SPEECH PRESENTED AT A STAFF DEVELOPMENT SEMINAR (THE CENTER FOR VOCATIONAL EDUCATION, THE OHIO STATE UNIVERSITY, COLUMBUS, OHIO, DECEMBER 1976)
 IS - R1E77SEP
 PR - EDRS PRICE MF-\$0.83 HC-\$4.67 PLUS POSTAGE.
 SPD - VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
 DT - C
 IT - AGRIBUSINESS; *AGRICULTURAL EDUCATION; CAREER EXPLORATION
 IT - CURRICULUM GUIDES; MANAGEMENT; NATURAL RESOURCES
 IT - OFF FARM AGRICULTURAL OCCUPATIONS; POST SECONDARY EDUCATION
 IT - *RECREATION; RECREATIONAL FACILITIES; RECREATIONAL PROGRAMS
 IT - RECREATION FINANCES; RECREATION LEGISLATION; TEACHING GUIDES
 IT - *VOCATIONAL AGRICULTURE; VOCATIONAL EDUCATION
 ST - *OUTDOOR RECREATION
 AB - THIS CURRICULUM GUIDE FOR AGRICULTURAL EDUCATION CONTAINS NINE CHAPTERS ON OUTDOOR RECREATION. EACH IS WRITTEN BY A DIFFERENT AUTHOR (PROFESSORS AT VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) AND FOLLOWS A SIMILAR FORMAT: OBJECTIVES, LIST OF REFERENCES, LIST OF TEACHING MATERIALS, NOTES ON TEACHER PREPARATION, CONTENT FOR PRESENTATION, NOTES ON APPLICATION, AND NOTES ON TESTING. THE CHAPTERS ARE (1) SELECTING A CAREER IN OUTDOOR RECREATION, (2) EXPLORING OPPORTUNITIES FOR ESTABLISHING A RECREATION BUSINESS, (3) UNDERSTANDING THE ECONOMIC IMPORTANCE OF RENEWABLE NATURAL RESOURCES, (4) MEETING THE REQUIREMENTS OF LOCAL, STATE, AND FEDERAL LAWS, (5) INSURANCE FOR THE CAMPGROUND OWNER, (6) TURFGRASS MANAGEMENT, (7) MANAGING A RECREATION BUSINESS, (8) ENVIRONMENTAL CONSIDERATIONS IN OUTDOOR RECREATION, AND (9) REPAIRING AND MAINTAINING STRUCTURES. (HD)

AN - ED138324
 CHAN - RC009837
 TI - CRESS-CROSS, 1976.
 AU - CALDERON, MARGARITA, ED.
 OS - NC MEXICO STATE UNIV., UNIVERSITY PARK. ERIC CLEARINGHOUSE ON
 RURAL EDUCATION AND SMALL SCHOOLS.
 PD - 76
 NC - 26P.; RELATED DOCUMENTS INCLUDE ED 108 794-801
 IS - RI77SEP
 PR - EDRS PRICE MF-\$0.83 HC-\$2.06 PLUS POSTAGE.
 SPN - NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.
 CG - 400-75-0025
 DT - J
 IT - *AMERICAN INDIANS; *BIBLIOGRAPHIES; BILINGUAL EDUCATION
 IT - EDUCATIONAL NEEDS; *LITERATURE REVIEWS; MEXICAN AMERICANS
 IT - MIGRANT EDUCATION; *NEWSLETTERS; *OUTDOOR EDUCATION
 IT - *RURAL EDUCATION; SMALL SCHOOLS
 AB - THREE ISSUES OF THE "CRESS-CROSS" NEWSLETTER PUBLISHED DURING
 1976 ARE COMPILED IN THIS PUBLICATION. THESE ISSUES INCLUDE
 INFORMATION ON: HOW TO CONTRIBUTE TO THE ERIC SYSTEM, THE
 COMPUTER SEARCH SERVICES AT THE ERIC CLEARINGHOUSE ON RURAL
 EDUCATION AND SMALL SCHOOLS, THE RURAL/REGIONAL EDUCATION
 ASSOCIATION'S RESEARCH AWARD FOR MERITORIOUS RESEARCH RELEVANT TO
 RURAL OR REGIONAL EDUCATION, AND THE GRADUATE LIBRARY INSTITUTE
 FOR SPANISH SPEAKING AMERICANS IN TUCSON, ARIZONA. ARTICLES ARE:
 "RURAL APPALACHIA: EDUCATIONAL NEEDS AND SOME REALITIES",
 "OUTDOOR EDUCATION IN THE EDUCATIVE PROCESS", AND "BILINGUAL
 PROGRAMS PREVAIL--A SAMPLE MODEL PROGRAM" (DISCUSSES THE
 BILINGUAL PROGRAMS IN EL PASO, TEXAS). BRIEF REVIEWS ARE GIVEN OF
 SUCH PAPERS AS: A 5-VOLUME SERIES OF POSITION PAPERS ON AMERICAN
 INDIAN EDUCATION, "SCHOOL MANAGEMENT OPTIONS FOR AMERICAN
 INDIANS", "THE AMERICAN INDIANS: ANSWERS TO 101 QUESTIONS",
 "OUTWARD BOUND AND TEACHER EDUCATION", "STRENGTHENING THE SMALL
 RURAL SCHOOL", "PROFILE ON THE MEXICAN AMERICAN WOMAN",
 "ADVENTURE EDUCATION--WHAT IS IT AND HOW DO WE EVALUATE IT?", AND
 "THE LAW OF THE PEOPLE (DINE BIBEE HAZ'AANNII): A BICULTURAL
 APPROACH TO LEGAL EDUCATION FOR NAVAJO STUDENTS". A LISTING OF
 328 DOCUMENTS APPEARING IN ISSUES OF "RESOURCES IN EDUCATION" AND
 PERTAINING TO AMERICAN INDIANS, MEXICAN AMERICANS, MIGRANTS,
 RURAL EDUCATION, SMALL SCHOOLS, AND OUTDOOR EDUCATION IS
 INCLUDED. (NO)

AN - ED139555
 CHAN - RCC09888
 TI - PROJECT BACSTOP, E.S.E.A. TITLE III. EVALUATIVE REPORT, 1975-1976.
 AU - SNOOKS, LEE; LONG, DANIEL
 OS - BATTLE CREEK PUBLIC SCHOOLS, MICH.
 PD - 9 AUG 76
 ND - 84P.
 IS - RIE770CT
 PR - EDRS PRICE MF-9C.83 HC-\$4.67 PLUS POSTAGE.
 SP0 - OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. PROJECTS TO ADVANCE
 CREATIVITY IN EDUCATION.
 OT - Y
 IT - *BEHAVIOR CHANGE; *BIRACIAL SECONDARY SCHOOLS; BLACK STUDENTS
 IT - CAUCASIANS; CHANGING ATTITUDES; COGNITIVE DEVELOPMENT
 IT - COMPARTIVE ANALYSIS; GRADE 7; GROUP RELATIONS
 IT - *INTERACTION PROCESS ANALYSIS; JUNIOR HIGH SCHOOL STUDENTS
 IT - *OUTDOOR EDUCATION; PROGRAM EVALUATION; *RACE RELATIONS
 IT - SECONDARY EDUCATION; SOCIOMETRIC TECHNIQUES
 ST - *BATTLE CREEK SCHOOL DISTRICT MI; ORIENTEERING; *PROJECT BACSTOP
 AB - DURING THE 1968-72 YEARS, NORTHWESTERN JUNIOR HIGH SCHOOL HAD THE
 REPUTATION OF THE "MOST RACIALLY TROUBLED" JUNIOR HIGH SCHOOL IN
 BATTLE CREEK, MICHIGAN. THE BACSTOP (BETTER ACQUISITION OF
 COGNITIVE SKILLS THROUGH OUTDOOR PROGRAMMING) WAS IMPLEMENTED TO
 ADDRESS SOME OF THE NEGATIVE PROBLEMS FACING THE SCHOOL. BACSTOP
 AIMED TO: CREATE A MECHANISM THAT WOULD STOP AND REVERSE THE
 RACIAL SEPARATISM AND ISOLATION PATTERN THAT BEGAN TO DEVELOP
 AMONG NEW 7TH GRADERS ENTERING THE SCHOOL EACH YEAR; AND IMPROVE
 THE EDUCATIONAL PERFORMANCE OF 7TH GRADERS IN BASIC SKILLS BY
 REFOCUSING STUDENTS, FACULTY AND ADMINISTRATIVE ATTENTION ON THE
 SCHOOL'S COGNITIVE RESPONSIBILITIES. ACTIVITIES WERE DESIGNED TO
 BRING STUDENTS INTO EARLY CONTACT WITH EACH OTHER IN SITUATIONS
 REQUIRING THAT THEY COMMUNICATE WITH EACH OTHER AND WORK TOGETHER
 TO BRING ABOUT A POSITIVE AND SUCCESSFUL EXPERIENCE. FOUR
 ACTIVITIES ENCOMPASSING TWO DAYS AND ONE NIGHT WERE DEVELOPED AS
 THE MAJOR THRUST OF THE OUTDOOR PROGRAM (ROPE COURSE;
 BACKPACKING; CROSS COUNTRY SKIING, WINTER CAMPING AND DUAL SOLO;
 AND A CANOE TRIP). IN ADDITION EACH STUDENT WAS GIVEN THE
 OPPORTUNITY TO SIGN UP FOR ONE 5-DAY EXPEDITION IN AN ISOLATED
 AREA IN NORTHERN MICHIGAN. BY THE END OF THE 1975-76 SCHOOL YEAR,
 THE SCHOOL REPRESENTED A MORE POSITIVE PROFILE. THERE WAS A
 HIGHER LEVEL OF POSITIVE BIRACIAL INTERACTION AMONG 7TH GRADE
 STUDENTS; AND RATE OF ACHIEVEMENT EXCEEDED THE DISTRICT RATE OF
 ACHIEVEMENT. (NQ)

AN - ED139543
 CHAN- RC005857
 TI - INSTRUCTOR'S MANUAL, REVISED 1976. COLORADO OUTWARD BOUND SCHOOL.
 OS - COLORADO OUTWARD BOUND SCHOOL, DENVER.
 PD - 76
 NO - 113P.
 IS - R1E770CT
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - COLORADO OUTWARD BOUND SCHOOL, 945 PENNSYLVANIA STREET, DENVER,
 (COLORADO 80203 (\$5.00))
 DT - G
 IT - ACCIDENT PREVENTION; ACTIVITY LEARNING; CAMPING
 IT - COURSE DESCRIPTIONS; COURSE OBJECTIVES; *CURRICULUM GUIDES
 IT - FIRST AID; INTERDISCIPLINARY APPROACH; LESSON PLANS; MAP SKILLS
 IT - *OUTDOOR EDUCATION; *PHYSICAL ACTIVITIES; POLICY
 IT - *PROGRAM CONTENT; RUNNING; *SAFETY EDUCATION; TEACHING GUIDES
 IT - TEACHING PROCEDURES
 ST - *COLORADO OUTWARD BOUND SCHOOL; *EXPERIENTIAL LEARNING
 ST - ORIENTEERING; OUTWARD BOUND
 AB - PROVIDING TRADITIONAL KNOWLEDGE AND SKILLS, THE COLORADO OUTWARD
 BOUND SCHOOL (COBS) PROGRAM HAS DEVELOPED ITS PROGRAM AROUND A
 TRAINING PHASE, AN EXPEDITION, SOLO, FINAL EXPEDITION, AND
 CONCLUDING PHASE. INTENDED TO BE AN EXPERIENTIAL LEARNING
 EXPERIENCE THAT ENCOURAGES STUDENTS TO BECOME INVOLVED IN
 EXPLORING NEW OR UNUSUAL AREAS OF THEIR LIVES, THE PROGRAM AIMS
 TO PLACE THE STUDENT IN SITUATIONS THAT ENABLE HIM TO LEARN FROM
 HIS EXPERIENCE. THIS MANUAL PROVIDES THE INFORMATION NECESSARY TO
 CONDUCT AN OUTWARD BOUND COURSE SAFELY AND SUCCESSFULLY. THE
 MANUAL CONTAINS: THE OBJECTIVES OF THE COBS PROGRAM; A SYLLABUS
 OF ACTIVITIES THAT MAKE UP A TYPICAL OUTWARD BOUND
 COURSE--ARRIVAL, TRAINING, RESUPPLY, EXPEDITION, SOLO, FINAL
 EXPEDITION, MARATHON, AND WRAP-UP; COMMENTS THAT HELP GUIDE THE
 INSTRUCTOR IN APPLYING THE SYLLABUS; AN ACTION PLAN FOR DEALING
 WITH EMERGENCY SITUATIONS (STEPS AND TECHNIQUES); SAFETY POLICY
 THAT MUST BE ADHERED TO; PROCEDURES THAT PROVIDE GUIDELINES FOR
 ACTIVITIES ON A COURSE; EXPECTATIONS FOR STAFF; NECESSARY
 REPORTS; AND LESSON PLANS FOR ROCK, SNOW, AND ICE CLIMBING, PEAK
 CLIMBS, BACKCOUNTRY ETHIC, CAMPCRAFT, USE OF THE MAP AND COMPASS,
 ZIP LINE AND GORGE CROSSING, THE ROPES COURSE, THE RUN AND DIP,
 AND THE MARATHON. (NC)

AN - ED139544
 CHAN - RC009858
 TI - LOGISTICS HANDBOOK, 1976. COLORADO OUTWARD BOUND SCHOOL.
 JS - COLORADO OUTWARD BOUND SCHOOL, DENVER.
 PD - 76
 NO - 92P.
 IS - R1E770CT
 DR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDPS.
 AV - COLORADO OUTWARD BOUND SCHOOL, 945 PENNSYLVANIA STREET, DENVER,
 COLORADO 80203 (\$4.00)
 DT - G
 IT - ACCOUNTABILITY; *ADMINISTRATOR GUIDES; CLOTHING; *COORDINATORS
 IT - EDUCATIONAL EQUIPMENT; EQUIPMENT MAINTENANCE; FIRST AID; FOOD
 IT - MOTOR VEHICLES; *OCCUPATIONAL INFORMATION; *OUTDOOR EDUCATION
 IT - PERFORMANCE SPECIFICATIONS; PURCHASING; RECORDS (FORMS)
 IT - *RESPONSIBILITY; SUMMER PROGRAMS
 ST - COLORADO OUTWARD BOUND SCHOOL; *LOGISTICS; *OUTWARD BOUND
 AB - LOGISTICS, A SUPPORT MISSION, IS VITAL TO THE SUCCESSFUL
 OPERATION OF THE COLORADO OUTWARD BOUND SCHOOL (COBS) COURSES.
 LOGISTICS IS RESPONSIBLE FOR PURCHASING, MAINTAINING,
 TRANSPORTING, AND REPLENISHING A WIDE VARIETY OF ITEMS, I.E.,
 FOOD, MAINTAINING AND CAMPING EQUIPMENT, MEDICAL AND OTHER
 SUPPLIES, AND VEHICLES. THE LOGISTICS COORDINATOR WORKS DIRECTLY
 WITH THE COURSE DIRECTOR. THIS HANDBOOK PROVIDES THE BASIC
 INFORMATION NEEDED BY A LOGISTIC COORDINATOR. THE INFORMATION
 PERTAINS TO: THE COORDINATOR'S JOB DESCRIPTION; STAFF PURCHASES
 AND DISCOUNTS (SUPPLIER, ITEM, AND DISCOUNT PERCENTAGE); BASE
 OPERATIONS; VEHICLES AND VEHICLE MAINTENANCE; EQUIPMENT ISSUE AND
 TURN-IN PROCEDURE; MAINTENANCE AND USE OF OPTIMUS STOVES; FIRST
 AID RESPONSIBILITIES; ACCIDENT REPORT PROCEDURES; ACCOUNTING AND
 CONTROL OF PRESCRIPTION DRUGS; HELICOPTER ALERT PROCEDURE;
 NOTIFICATION SEQUENCE IN CASE OF SERIOUS ACCIDENT IN THE FIELD;
 FRESH FOOD RESUPPLY FOR THE DIFFERENT AREAS; FRESH FOOD MENUS;
 ADMINISTRATIVE AND CLOSING PROCEDURES; AND MAP ORDERING
 PROCEDURE. ALSO INCLUDED ARE: COPIES OF THE VEHICLE INCIDENT
 REPORT, EQUIPMENT INVOICE, SEWING CHARGES SHEET, STORE INVOICE,
 FIELD EXPENSE RECORD, PURCHASE ORDERS, DISBURSEMENT REQUISITION,
 AND PERSONAL EFFECTS RECEIPT; AND LISTINGS OF STANDARD STUDENT
 EQUIPMENT FOR SUMMER COURSE, SUMMER AND WINTER CLOTHING, STANDARD
 FIRST AID KITS, AND DRY FOOD AND RATIONS. GENERAL STUDENT
 INFORMATION IS GIVEN. (NQ)

AN - ED139545
 CHAN - PC009899
 TI - A PLANNING GUIDE FOR SHORT BACKPACKING AND SKI TOURING COURSES WITH COLORADO OUTWARD BOUND SCHOOL.
 AU - WOLFOD, RICKI
 OS - COLORADO OUTWARD BOUND SCHOOL, DENVER.
 PD - SEP 75
 NO - 66P.
 IS - RIE77OCT
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - COLORADO OUTWARD BOUND SCHOOL, 945 PENNSYLVANIA STREET, DENVER, COLORADO 80203 (\$2.00)
 DT - G
 IT - ACCIDENT PREVENTION; BIBLIOGRAPHIES; CHARTS; CLOTHING
 IT - CREATIVE ACTIVITIES; ECOLOGY; ENVIRONMENTAL EDUCATION; FIRST AID
 IT - FOOD; GEOLOGY; GROUP EXPERIENCE; *GUIDES; HISTORY
 IT - *HUMANISTIC EDUCATION; INSTRUCTIONAL TRIPS
 IT - *INTEGRATED ACTIVITIES; INTERDISCIPLINARY APPROACH; MAP SKILLS
 IT - MODELS; OBJECTIVES; *OUTDOOR EDUCATION; PROGRAM EVALUATION
 IT - *PROGRAM PLANNING; STUDENT PARTICIPATION; STUDENT PROJECTS
 IT - TEACHER RESPONSIBILITY; TEACHER ROLE; VALUES
 ST - *BACKPACKING; COLORADO OUTWARD BOUND SCHOOL; OUTWARD BOUND
 ST - *SKIING
 AB - OUTWARD BOUND (OB) BACKPACKING AND NORDIC SKI PROGRAMS AIM TO INTEGRATE HUMANISTIC GOALS (I.E., PERSONAL AWARENESS AND UNDERSTANDING AND COMPASSION FOR OTHERS) WITH THE SCHOOL'S CURRICULUM. PROGRAM GOALS FALL IN THREE AREAS--PERSONAL, GROUP, AND ACADEMIC. IN DESIGNING A SUCCESSFUL COURSE WHICH WILL ACHIEVE THE GOALS, THERE ARE SEVERAL PHASES, ALL EQUALLY IMPORTANT: PLANNING, STUDENT INVOLVEMENT, CLASSROOM PREPARATION, CONNECTING EXPERIENCE, AND FOLLOW-UP OR EVALUATION. FOLLOWING THESE PHASES, THIS GUIDE PRESENTS IDEAS TO AID TEACHERS IN DESIGNING AND CARRYING OUT THEIR OWN OB PROGRAMS. COVERED ARE: TEACHERS' ROLE AND RESPONSIBILITIES; FUND RAISING; FOOD PLANNING; STUDENTS' PROJECTS; SUGGESTED ACTIVITIES IN GEOLOGY, ECOLOGY, WEATHER, MAP AND COMPASS, HUMAN HISTORY, AND CREATIVE WRITING AND ART; ACTIVITIES DURING THE COURSE--INTRODUCTION GAMES, GROUP JOURNALS, ENVIRONMENTAL AWARENESS EXERCISES, GROUP EXPERIENCES, VALUES CLARIFICATION, POETRY, STORIES, READINGS, AND PERSONAL INTERVIEWS; AND COURSE EVALUATION. APPENDICES INCLUDE: AN OB SHORT SCHOOL PROGRAM PROPOSAL FORM, TIME LINE CHART, BACKPACKING AND SHORT SKI PROGRAM MODELS, SAMPLE MENUS, INSULATION AND CHILL FACTOR CHARTS, COMMON ANIMAL TRACKS, FIRST AID KIT AND CLOTHING LISTS, A GENERAL BIBLIOGRAPHY OF SKI TOURING LITERATURE, RULES FOR PREVENTING HYPOTHERMIA AND FOR AVOIDING AND SURVIVING SNOW AVALANCHES, AND A SKI TOURING PROGRAM EVALUATION FORM. (NO)

AN - ED139566
 CHAN - RCC09900
 TI - RESOURCE GUIDE TO THE PAWNEE GRASSLANDS.
 AU - KIELSMIER, JIM; AND OTHERS
 OS - COLORADO OUTWARD BOUND SCHOOL, DENVER.
 PD - AUG 75
 NO - 35P.
 IS - RIE770CT
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - COLORADO OUTWARD BOUND SCHOOL, 945 PENNSYLVANIA STREET, DENVER,
 COLORADO 80203 (\$2.00)
 DT - 6
 IT - AMERICAN INDIANS; ANTHROPOLOGY; ARCHAEOLOGY; CLIMATIC FACTORS
 IT - *ENVIRONMENTAL EDUCATION; ENVIRONMENTAL INFLUENCES; FIELD TRIPS
 IT - GEOLOGY; HISTORY; INFORMATION SOURCES; *INTEGRATED ACTIVITIES
 IT - *INTERDISCIPLINARY APPROACH; LAND SETTLEMENT; LITERATURE
 IT - MIGRATION PATTERNS; NUTRITION; *OUTDOOR EDUCATION
 IT - *RESOURCE GUIDES; RESOURCE MATERIALS; UNIT PLAN
 ST - *COLORADO; LOGISTICS; *PAWNEE GRASSLANDS
 AB - COLORADO'S PAWNEE GRASSLANDS ARE WELL SUITED FOR A WIDE RANGE OF
 ACADEMIC STUDY, FROM ASTRONOMY TO ZOOLOGY. DESIGNED FOR EDUCATORS
 AND YOUTH LEADERS SEEKING TO INTEGRATE AN ALTERNATIVE EXPERIENCE
 INTO THEIR CURRICULUM OR RECREATION PROGRAM, THIS GUIDE IS
 INTENDED TO GIVE LEADERS OF EXCURSIONS TO THE GRASSLANDS A SENSE
 OF WHAT'S OUT THERE AND SOME IDEAS ON HOW TO CREATIVELY USE THE
 ENVIRONMENT. THE GUIDE PRESENTS INFORMATION ON THE: GRASSLANDS AS
 A LEARNING ENVIRONMENT; ARCHAEOLOGICAL SEQUENCE IN THE CENTRAL
 GREAT PLAINS; RECENT AMERICAN INDIAN HISTORY; THE BUFFALO RANGE
 FROM 1350 TO 1880; MIGRATION AND SETTLEMENT PATTERNS IN
 NORTHEASTERN COLORADO; SETTLEMENT DATES OF SELECTED TOWNS IN
 NORTHEASTERN COLORADO; WHITE MAN AND THE GRASSLANDS; GEOLOGY OF
 THE PAWNEE GRASSLANDS--SOIL, CLIMATE, PRECIPITATION AND
 TEMPERATURE, IMPORTANT GRASSES, AND BIRDS AND MAMMALS;
 DEVELOPMENT OF A UNIT--AN INTERDISCIPLINARY APPROACH TO THE
 GRASSLANDS, ACTIVITY SITES, EQUIPMENT, SAFETY, FOOD AND WATER
 SUGGESTIONS, NUTRITIONAL COMPONENTS IN THE EDIBLE PORTION OF ONE
 POUND OF FOOD, SAMPLE IDEAS FOR EXPERIENCE-ORIENTED
 INTERDISCIPLINARY GRASSLANDS UNITS; AND GRASSLANDS INFORMATION
 SOURCES COVERING ANTHROPOLOGY, ENVIRONMENT, INDIAN HISTORY,
 LITERATURE, OUTDOOR SKILLS/LOGISTICS OF FIELD TRIPS, AND PIONEER
 HISTORY. (NQ)

- AN - ED13357C
- CHAN - RCC099C4
- TI - DRUTHERS A COLLECTION OF VIABLE IDEAS FROM RURAL SCHOOLS.
- AU - ELLIOTT, RICHARD D., COMP.
- JS - GREENE - DELAWARE - SCHOMARTE - OTSEGO BOARD OF COOPERATIVE EDUCATIONAL SERVICES, STAMFORD, N.Y.
- PD - JUL 75
- AC - 96F.; NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT
- IS - RIET70CT
- PR - EDRS PRICE MF-\$0.93 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
- SP0 - OFFICE OF EDUCATION (OHEW), WASHINGTON, D.C. PROJECTS TO ADVANCE CREATIVITY IN EDUCATION.
- DT - K
- IT - CAREER EDUCATION; CONCERNS OF INTEREST; CLASS ORGANIZATION; DRAMA
- IT - EARLY CHILDHOOD EDUCATION; EDUCABLE MENTALLY HANDICAPPED
- IT - *EDUCATIONAL ALTERNATIVES; EDUCATIONAL INNOVATION
- IT - ELEMENTARY SECONDARY EDUCATION; INDEPENDENT STUDY
- IT - INDIVIDUALIZED INSTRUCTION; *INSTRUCTIONAL INNOVATION
- IT - *LEARNING ACTIVITIES; MUSIC; NONGRADED SYSTEM; OPEN EDUCATION
- IT - OUTDOOR EDUCATION; PERCEPTUAL MOTOR LEARNING; PHYSICAL EDUCATION
- IT - *READING; READING READINESS; RESOURCE GUIDES; *RURAL EDUCATION
- IT - *RURAL SCHOOLS; SCIENCE ACTIVITIES; SOCIAL STUDIES
- IT - *SPECIAL EDUCATION; *TEACHING METHODS; TEAM TEACHING
- ST - *NEW YORK
- AB - AN INDIVIDUALIZED JUNIOR HIGH SCHOOL, A YOUTH RESOURCES PROGRAM THAT INTERWEAVES HIGH SCHOOL WITH SUPERVISED WORK EXPERIENCES, MULTI-AGED ELEMENTARY FAMILY GROUPINGS THAT MAINSTREAM EMR (EDUCABLE MENTALLY RETARDED) CHILDREN, AND A SINGLE LIBRARY ROOM TRANSFORMED INTO SEVEN OPTIONAL LEARNING STATIONS USING A MULTI-CHANNEL AUDIO SYSTEM ARE REAL PROGRAMS THAT MAKE A DIFFERENCE FOR STUDENTS IN RURAL SCHOOLS. THIS BOOKLET PRESENTS 65 INNOVATIVE AND PROMISING EDUCATIONAL PRACTICES THAT HAVE BEEN SUCCEEDING IN CLASSROOMS IN NEW YORK'S RURAL SCHOOLS. THE BOOKLET AIMS TO BUILD GREATER AWARENESS ABOUT PROGRAMS THAT CAN WORK IN RURAL SCHOOLS; AND TO SERVE AS A RESOURCE BOOK, NOT ONLY OF IDEAS, BUT ALSO OF EXPERIENCED PEOPLE WHO ARE ABLE TO OFFER INSIGHTS FOR TURNING IDEAS INTO WORKING PROGRAMS. IDEAS COVER SUCH TOPICS AS: PRIMARY, MIDDLE SCHOOL, AND SECONDARY ORGANIZATION; ORIENTATION FOR PRESCHOOL CHILDREN ENTERING PRIMARY SCHOOL; READING READINESS; READING SKILLS; MOTOR-PERCEPTUAL TRAINING; OPEN EDUCATION; A NONGRADED APPROACH; TEAM TEACHING; READING; COOKING; SPECIAL EDUCATION; PHYSICAL EDUCATION; ENGLISH; SOCIAL STUDIES; SCIENCE; INDEPENDENT STUDY; MUSIC; MEDIA CENTERS; OUTDOOR EDUCATION; ART; CAREER EDUCATION; HUMANITIES; COMMUNICATION ARTS; DRAMA; PROJECT ARTS; GRADUATION FROM JUNIOR HIGH SCHOOL; VOLUNTEER PROGRAMS; FAMILY GROUP APPROACH; AND MAINSTREAMING PRIMARY AND INTERMEDIATE CHILDREN. (NO)

AN - ED138571
 CHAN - RC009905
 TI - OUTWARD BOUND ADAPTIVE PROGRAMS IN PRIVATE SCHOOLS.
 OS - COLORADO OUTWARD BOUND SCHOOL, DENVER.
 PD - 74
 NO - 23P.
 TS - R1E770CT
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 DT - D
 IT - *ARTICULATION (PROGRAM); *DIRECTORIES; EDUCATIONAL ALTERNATIVES
 IT - ENROLLMENT; INDIVIDUALIZED PROGRAMS; *OUTDOOR EDUCATION
 IT - *PRIVATE SCHOOLS; *PROGRAM CONTENT; PROGRAM DESCRIPTIONS
 ST - EXPERIENTIAL LEARNING; *OUTWARD BOUND
 AB - DEMONSTRATING THE VARIETY IN PROGRAM AND STUDENT INVOLVEMENT IN
 EXPERIMENTAL LEARNING, THIS CATALOG BRINGS TOGETHER SOME OF THE
 VARIOUS ADAPTATIONS OF OUTWARD BOUND (OB) IN 82 PRIVATE SCHOOLS
 AROUND THE COUNTRY. THE CATALOG, WHICH MAY SERVE AS A SOUNDING
 BOARD FOR A BRAINSTORMING SESSION, INCLUDES: THE SCHOOL NAME,
 ADDRESS, AND PHONE; CONTACT PERSON FOR EACH SCHOOL; IDEAS THAT
 HAVE BEEN IMPLEMENTED; WHETHER THE SCHOOL IS COED OR NOT; AND THE
 GRADE LEVEL INVOLVED. EACH SCHOOL HAS DECIDED ITS NEEDS AND
 ABILITIES AFTER HOURS OF BRAINSTORMING, EXPERIMENTING, CHANGING,
 EVALUATING, AND RE-EVALUATING. THE ADAPTATIONS ARE BUILT AROUND
 THE PHILOSOPHY AND GOALS OF OB AND THE BASIC COMPONENTS OF THE OB
 COURSE--INITIAL SKILLS TRAINING, AN EXPEDITION, A SOLO, A FINAL
 EXPEDITION, AND A FOLLOW-UP. A BRIEF DISCUSSION OF OUTWARD BOUND
 AND ITS HISTORY, AND AN ALPHABETICAL LISTING OF THE SCHOOLS BY
 STATE ARE INCLUDED. (NQ)

AN - F0139572

CHAN RC009906

TI - TOWARD DEFINING MEASURABLE OBJECTIVES IN THE AFFECTIVE DOMAIN FOR EXPERIENTIAL EDUCATION PROGRAMS.

AU - MCKEAN, BOB, ED.; AND OTHERS

OS - CCLCRADC OUTWARD BOUND SCHOOL, DENVER.

PD - 75

NC - 34P.

IS - R1E77007

PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. MC NOT AVAILABLE FROM EDRS.

AV - CCLCRADC OUTWARD BOUND SCHOOL, 945 PENNSYLVANIA STREET, DENVER, COLORADO 80203 (\$1.00)

DT - R

IT - ACTIVITY LEARNING; *AFFECTIVE BEHAVIOR; AFFECTIVE OBJECTIVES

IT - *BEHAVIORAL OBJECTIVES; *BEHAVIOR CHANGE; COMMUNITY INVOLVEMENT

IT - COURSE OBJECTIVES; EDUCATIONAL ALTERNATIVES; EDUCATIONAL PROGRAMS

IT - ELEMENTARY SECONDARY EDUCATION; EXCEPTIONAL (ATYPICAL)

IT - GROUP ACTIVITIES; LEARNING ACTIVITIES; *OBSERVATION

IT - *OUTDOOR EDUCATION; RETARDED CHILDREN; SKILL DEVELOPMENT

ST - *EXPERIENTIAL LEARNING; *OUTWARD BOUND

AB - HOW DO WE ESTIMATE PERSONAL GROWTH? WHAT DO EXPERIENTIAL EDUCATION PROGRAMS ACCOMPLISH? PERSONAL GROWTH (AFFECTIVE DOMAIN) OFTEN IS FOSTERED THROUGH EXPERIENTIAL EDUCATION PROGRAMS, BUT IT IS DIFFICULT TO MEASURE THE RELATIONSHIP BETWEEN THE TWO. ONE MANNER OF MEASUREMENT IS THE OBSERVATION OF EXTERNAL ACTIONS BY A STUDENT THAT DEMONSTRATE WHAT PERSONAL, INTERNAL GROWTH IS TAKING PLACE. THIS OBSERVATION CAN YIELD AN ACCURATE, SENSITIVE ESTIMATE OF PERSONAL GROWTH. IT REQUIRES, HOWEVER, CLEAR DEFINITION OF PROGRAM GOALS AND STUDENT OBSERVABLE BEHAVIOR. THIS PAPER EXPLORES THIS MANNER OF MEASUREMENT BY DISCUSSING THE NECESSITY FOR OBJECTIVES, DESCRIBING THE AFFECTIVE DOMAIN, AND DISCUSSING THE UTILIZATION OF BEHAVIORAL INDICATORS TO MAKE AFFECTIVE OBJECTIVES WORKABLE. SIX PROGRAM DESCRIPTIONS ARE INCLUDED AS EXAMPLES OF THE COMBINATION OF AFFECTIVE MEASURABLE OBJECTIVES WITH THE FIELD OF EXPERIENTIAL EDUCATION. ILLUSTRATING WHAT IS POSSIBLE AND BEING DEVELOPED IN THE FIELD OF EXPERIENTIAL EDUCATION, THE EXAMPLES INCLUDE THE NECESSARY BEHAVIORAL INDICATORS, WHICH GUIDE THE TEACHER-OBSERVER IN THE RECOGNIZING AND CATEGORIZING STUDENT CHANGE. THE PROGRAMS COVER: INVOLVEMENT IN THE LOCAL COMMUNITY; LIVING WITHIN A NEW COMMUNITY ENVIRONMENT; OUTDOOR ACTIVITIES FOR SPRING, SUMMER, FALL, AND WINTER; AND OUTDOOR PURSUITS FOR MENTALLY RETARDED AND FOR "DISAFFECTED" STUDENTS. (AUTHOR/NQ)



AN - ED139590
 CHAN - RC009926
 TI - HEBERTISME
 AU - COUSINEAU, CLAUDE
 DS - ONTARIO MINISTRY OF CULTURE AND RECREATION, TORONTO.
 PD - 76
 NO - 93P.
 IS - RIE77OCT
 PR - EDRS PRICE MF-\$0.83 PLUS POSTAGE. HC NOT AVAILABLE FROM EDRS.
 AV - ONTARIO GOVERNMENT BOOK STORE, 880 BAY STREET, TORONTO, ONTARIO,
 CANADA M7A 1N8 (\$0.50)
 DT - C
 IT - CARTOONS; CONCEPT FORMATION; DEFINITIONS; *GUIDES; *ILLUSTRATIONS
 IT - *OUTDOOR EDUCATION; *PHYSICAL EDUCATION; *PROGRAM DEVELOPMENT
 IT - *SITE DEVELOPMENT; SITE SELECTION
 ST - EXPERIENTIAL LEARNING; *HEBERTISME
 AB - DESIGNED TO BE OF USE TO OUTDOOR EDUCATION CENTERS, CAMP SET-UPS,
 OR EVEN PUBLIC OR PRIVATE SCHOOLS, THIS GUIDE TO THE DEVELOPMENT
 OF AN "HEBERTISME" SITE PRESENTS THE FOLLOWING: (1) DEFINITION
 ("AN OPPORTUNITY TO DISCOVER ONE'S OWN POTENTIAL AND LIMITATIONS
 IN MOVING ABOUT IN THE NATURAL ENVIRONMENT" USING A NETWORK OF
 NATURAL AND MANMADE OBSTACLES PLACED IN A FORESTED AREA); (2)
 GEORGE HEBERT AND THE DEVELOPMENT OF A PHYSICAL FITNESS TRAINING
 CONCEPT THAT INCORPORATES NATURAL EXERCISES WHICH ARE FUNCTIONAL,
 USEFUL, AND GLOBAL AND PERFORMED IN THE OPEN AIR); (3) THE MEN
 WHO IMPORTED HEBERT'S IDEAS ON PHYSICAL FITNESS (FATHER RADUL
 CLOUTIER AND GEORGES GAUVREAU); (4) SITE SELECTION (AN ACCIDENTAL
 TERRAIN OF FOUR TO FIVE ACRES INCLUDING A FLAT PLATEAU IS IDEAL);
 (5) SITE DEVELOPMENT (AN IDEAL SITE IS ONE THAT IS VERY
 INCONSPICUOUS, THAT HAS KEPT AS MUCH OF THE GROUND VEGETATION AS
 POSSIBLE AND THAT HAS USED NATURAL MATERIAL THAT BLENDS WITH THE
 NATURAL ENVIRONMENT); (6) THE HEBERTISME DESIGN (INCLUDES A
 CENTRAL PLATEAU, AN AERIAL COURSE, AND A GROUND COURSE); (7) THE
 APPARATUS (CLASSIFIED AS WALKING AND RUNNING; BALANCING; CRAWLING
 AND "ON ALL FOURS"; LIFTING, CARRYING, AND THROWING; JUMPING;
 ARM SUPPORTING; SUSPENSION; CLIMBING; AND THE THRILLERS); (8)
 MATERIAL (ROPE, PLANKS, ETC.); (9) SAFETY (EMPHASIS ON CALCULATED
 RISK-TAKING); (10) PROGRAM AND PEDAGOGY (EXAMPLES). (JC)

AN - ED139592
 CFAN - R0CC9928
 TI - THE APPALACHIAN TRAIL: GUIDELINES FOR PRESERVATION, REVISED MAY 1977.
 OS - PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF LANDSCAPE ARCHITECTURE.
 PD - MAY 77
 NO - 229P.
 *S - R1E77OCT
 PR - EDRS PRICE MF-\$0.83 HC-\$12.71 PLUS POSTAGE.
 SPD - PENNSYLVANIA STATE DEPT. OF COMMUNITY AFFAIRS, HARRISBURG.
 DT - G
 IT - CHANGE STRATEGIES; *CONSERVATION (ENVIRONMENT); FORESTRY
 IT - GEOGRAPHIC LOCATION; GEOLOGY; GOVERNMENT POLICY; GUIDELINES
 IT - LAND ACQUISITION; *LANDSCAPING; *LAND USE; MAPS
~~IT~~ - NATURAL RESOURCES; *OUTDOOR EDUCATION; PHYSICAL DESIGN NEEDS
 IT - PRESERVATION; RECREATIONAL FACILITIES; SITE ANALYSIS
 IT - *SITE DEVELOPMENT; SOIL CONSERVATION; *TRAILS
 ST - *APPALACHIAN TRAIL
 AB - WITH INCREASING DEVELOPMENTAL PRESSURE BEING ASSERTED ON LAND RESOURCES, THERE IS A NEED FOR IDENTIFYING UNIQUE AREAS THAT, ONCE DESTROYED, MAY NEVER BE RECOVERED. MANY OF THE AREAS SUFFERING FROM DEVELOPMENTAL ENCROACHMENT ARE LOCATED ON OR ALONG THE APPALACHIAN TRAIL, WHICH IS A CONTINUOUS FOOTPATH ABOUT 2,000 MILES LONG THAT FOLLOWS THE APPALACHIAN MOUNTAIN CHAIN FROM MAINE TO GEORGIA. THE APPALACHIAN TRAIL STUDY GROUP HAS STUDIED FOUR AREAS OF THE TRAIL (MICHAUX STATE FOREST, LUMBERLAND VALLEY, SAINT ANTHONY'S WILDERNESS, AND KITTATINNY MOUNTAIN) AND HAS ATTEMPTED TO PROVIDE A WORKABLE TRAIL PROTECTION STRATEGY FOR USE BY LOCAL PLANNERS AND OTHERS CONCERNED WITH PROTECTING THE TRAIL. IN STUDYING THE FOUR AREAS, THE STUDY GROUP EXAMINED THE SITE, ALTERNATIVE ROUTES, SOILS, GEOLOGY, VEGETATION, WILDLIFE, AND THE AMENITIES OF THE AREA. THE STRATEGY DEvised CONSISTS OF FIVE STEPS FROM THE PRE-DEVELOPMENT PLANNING OF LAND USE TO BETTER DESIGN SOLUTIONS FOR THOSE SEGMENTS PASSING THROUGH VARIOUS LAND DEVELOPMENTS. EMPHASIZING PHYSICAL DESIGN SOLUTIONS, THIS GUIDE RECOMMENDS CORRIDOR WIDTHS FOR VARIOUS LANDFORM VEGETATION AND LAND USE SITUATIONS; SUGGESTS POSSIBLE DESIGN SOLUTIONS TO SPECIFIC PROBLEMS THAT MAY ARISE; DESCRIBES VARIOUS LEGAL AND PLANNING DEVICES THAT MAY BE USED AS PART OF A FUTURE OVERALL TRAIL PROTECTION STRATEGY; AND DISCUSSES THE ROLE OF THE FEDERAL, STATE, AND LOCAL GOVERNMENTS. A MAP SHOWING THE LAND OWNERSHIP AND AREAS WITH A HIGH POTENTIAL FOR ACCESS IS INCLUDED. (NO)

AN - ED135646
 CHAN - SE022472
 TI - YCC PROGRAM HANDBOOK. REVISED EDITION.
 OS - DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C.
 PD - JAN 76
 NO - 94P.; CONTAINS OCCASIONAL SMALL TYPE ; HANDBOOK COVERING
 ORGANIZATION OF A YOUTH CONSERVATION CORPS CAMP
 IS - RIET70CT
 PR - EDRS PRICE MF-\$0.83 HC-\$4.67 PLUS POSTAGE.
 DT - G
 IT - *ADMINISTRATIVE POLICY; *CONSERVATION EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; NATURAL RESOURCES; OUTDOOR EDUCATION
 IT - *PROGRAM DESCRIPTIONS; *PROGRAM GUIDES; SCIENCE EDUCATION
 IT - *SECONDARY EDUCATION
 ST - *YOUTH CONSERVATION CORPS
 AB - THIS PROGRAM HANDBOOK WAS WRITTEN FOR THE PURPOSE OF CARRYING OUT
 THE PROVISIONS OF PUBLIC LAW 93-408. THIS ACT WAS PASSED TO
 ESTABLISH THE YOUTH CONSERVATION CORPS (YCC). THE BOOKLET IS
 DIVIDED INTO NINE CHAPTERS OUTLINING THE ORGANIZATION OF A YCC
 CAMP. THE CHAPTERS COVER THE BACKGROUND OF THE YCC, THE
 ORGANIZATION AND MANAGEMENT OF THE YCC CAMP, RECORD KEEPING,
 ENROLLEE LIVING, ENVIRONMENTAL AWARENESS AND WORK, COMMUNITY
 RELATIONS, THE YCC HEALTH PROGRAM, SAFETY MANAGEMENT, AND THE YCC
 STATE GRANT PROGRAM. EACH CHAPTER OUTLINES GOVERNMENT POLICY,
 RESPONSIBILITIES, AND REGULATIONS CONCERNING THE DIFFERENT
 ASPECTS OF THE YOUTH CONSERVATION CORPS CENTERS. (AJ)

AN - ED139647
 CHAN - SE022478
 TI - PENNSYLVANIA PROGRAMS/ACTIVITIES IN ENVIRONMENTAL EDUCATION.
 AU - SCHWILLE, ROBERT W.; DUGAN, DOROTHY E.
 OS - PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG.
 PD - JAN. 77
 NO - 19P.; CONTAINS OCCASIONAL LIGHT AND BROKEN TYPE
 IS - RIE77OCT
 PR - EDRS PRICE MF-\$0.83 HC-\$1.67 PLUS POSTAGE.
 DT - D
 IT - CURRICULUM; *DIRECTORIES; *ELEMENTARY SECONDARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; *HIGHER EDUCATION; NATURAL RESOURCES
 IT - NATURE CENTERS; OUTDOOR EDUCATION; *PROGRAM DESCRIPTIONS
 IT - *SCIENCE EDUCATION
 ST - *PENNSYLVANIA
 AB - THIS LIST OF ENVIRONMENTAL EDUCATION PROGRAMS WAS COMPILED TO ASSIST PENNSYLVANIA SCHOOL ADMINISTRATORS IN THE DEVELOPMENT OF THEIR K-12 ENVIRONMENTAL PROGRAMS. THE PUBLICATION IS A DIRECTORY OF SCHOOL DISTRICT PROGRAMS AND COLLEGE AND UNIVERSITY PROGRAMS. THE LIST ALSO INCLUDES PROGRAMS OFFERED BY FOUR ENVIRONMENTAL OR NATURE LEARNING CENTERS IN THE STATE. EACH PROGRAM IS BRIEFLY DESCRIBED AND THE NAMES AND ADDRESSES OF EACH OF THE DIRECTORS IS LISTED. (AJ)

AN - ED139671
 CHAN - SE022615
 TI - AN ENVIRONMENTAL SYLLABUS: GRADES 10, 11, 12.
 AU - JAMASON, BARRY W.
 OS - NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF GENERAL
 EDUCATION CURRICULUM DEVELOPMENT.
 PD - 77
 NO - 470P.
 IS - RIE77OCT
 PR - EDRS PRICE MF-\$0.83 HC-\$24.77 PLUS POSTAGE.
 DT - C
 IT - CONSERVATION EDUCATION; CURRICULUM; *CURRICULUM GUIDES
 IT - *ENVIRONMENTAL EDUCATION; LEARNING ACTIVITIES; NATURAL RESOURCES
 IT - OUTDOOR EDUCATION; POLLUTION; *SECONDARY GRADES
 IT - STATE CURRICULUM GUIDES; *TEACHING GUIDES; UNITS OF STUDY
 AB - THIS SYLLABUS IS INTENDED AS A MULTI-PURPOSE SYLLABUS FOR
 ENVIRONMENTAL STUDIES IN THE SENIOR HIGH SCHOOL. SOME UNITS, OR
 PARTS OF UNITS, ARE APPROPRIATE FOR USE IN THE JUNIOR HIGH
 SCHOOL. THE UNITS IN THIS SYLLABUS ARE: (1) THE ENVIRONMENTAL
 STATUS QUO; (2) NATURAL ENVIRONMENTS; (3) FOOD AND PEOPLE; (4)
 POPULATION DYNAMICS; (5) ENERGY, PART I AND II; (6) LAND USE AND
 MANAGEMENT; (7) TRANSPORTATION; (8) POLLUTION; (9) ENVIRONMENTAL
 HEALTH; (10) CONSUMER "ENVIRONMENTICS"; (11) GLOBAL RESOURCE
 MANAGEMENT; (12) GOVERNMENT, POLITICS, AND THE ENVIRONMENT; (13)
 THE ENVIRONMENT AND CAREERS; AND (14) SUMMARY. EACH UNIT CONTAINS
 AN INTRODUCTORY OR BACKGROUND STATEMENT AND NUMEROUS GENERAL
 UNDERSTANDINGS THAT SHOULD BE DEVELOPED BY THE CONCLUSION OF THE
 UNIT. THE MAIN PORTION OF EACH UNIT CONSISTS OF PROCEDURES TO BE
 EMPLOYED BY THE TEACHER. MANY OF THESE PROCEDURES ARE MATCHED
 WITH ONE OR MORE PERFORMANCE INDICATORS TO BE USED AS GUIDES IN
 OBSERVING AND EVALUATING STUDENT ACHIEVEMENT. AT THE END OF EACH
 UNIT IS A LIST OF RESOURCE MATERIALS. (AUTHOR/AJ)

AN - ED139672
 CHAN - SE022654
 TI - A QUANTITATIVE COMPARISON OF ENVIRONMENTAL EDUCATION, CONSERVATION EDUCATION, OUTDOOR EDUCATION, ECOLOGICAL EDUCATION, ENVIRONMENTALIZED EDUCATION AND GENERAL EDUCATION BASED ON GOALS.
 AU - JOHNSON, DAVID I.
 PD - 77
 NO - 148P.; PH.D. DISSERTATION, MICHIGAN STATE UNIVERSITY ; TABLES MAY BE MARGINALLY LEGIBLE DUE TO SMALL TYPE
 IS - RI E770C7
 PR - EDRS PRICE MF-\$0.83 HC-\$7.35 PLUS POSTAGE.
 DT - T
 IT - *COMPARATIVE ANALYSIS; *CONSERVATION EDUCATION; DOCTORAL THESES
 IT - ECOLOGY; *EDUCATIONAL OBJECTIVES; EDUCATIONAL RESEARCH
 IT - *ENVIRONMENTAL EDUCATION; *GENERAL EDUCATION; MODELS
 IT - *OUTDOOR EDUCATION
 AB - INVESTIGATED WAS THE RELATIONSHIP OF ENVIRONMENTAL EDUCATION TO ECOLOGICAL EDUCATION, OUTDOOR EDUCATION, CONSERVATION EDUCATION, ENVIRONMENTALIZED EDUCATION, AND GENERAL EDUCATION. GOALS SELECTED FROM THE LITERATURE WERE ANALYZED TO OBTAIN 60 GOALS REPRESENTING EACH OF THE 6 AREAS. USING A Q-SORT PROCEDURE, 65 SELECTED INDIVIDUALS, REPRESENTING THE 6 AREAS, RANK-ORDERED THE GOAL STATEMENTS. THE RESULTING SCORES WERE ANALYZED USING MULTIVARIATE ANALYSIS OF VARIANCE AND ONE-WAY ANALYSIS OF VARIANCE FOLLOWED BY SCHEFFE'S TEST. THE RESULTS SHOW THAT GOALS DESCRIBING MAN'S RELATIONSHIP TO AND UTILIZATION OF THE ENVIRONMENT WERE RANKED HIGH BY ALL GROUPS. GOALS DESCRIBING SPECIFIC SUBJECTS SUCH AS HEALTH, POPULATION GROWTH, AND OUTDOOR SCIENCE WERE RANKED LOW BY MOST GROUPS. PERSONAL DATA, EDUCATION, AND OCCUPATION RELATED TO THE RANKINGS OF THE ENVIRONMENTAL EDUCATION AND ENVIRONMENTALIZED EDUCATION CATEGORIES. A MODEL DEVELOPED TO ILLUSTRATE THE RELATIONSHIP BETWEEN THE 6 GROUPS IS PRESENTED. THE MODEL SHOWS ENVIRONMENTAL EDUCATION OVERLAPPING THE 5 OTHER AREAS, WITH STRONG OVERLAPS WITH CONSERVATION EDUCATION AND ENVIRONMENTALIZED EDUCATION. (BT)

SECTION II. CITATIONS FROM CURRENT INDEX TO JOURNALS IN EDUCATION

Key to Citations

- AN - Accession number - identification number sequentially assigned to documents and/or journal articles as they are processed
- CHAN - Clearinghouse Accession Number
- TI - Title
- AU - Authors
- OS - Organizational Source
- SO - Source (as from a journal)
- PD - Publication Date
- NO - Number of Pages and Notes
- IS - Issue of RIE or CIJE in which citation appears
- PR - EDRS Price
- AV - Alternate Availability
- SPO - Sponsoring Organization
- CG - NIE or USOE Contract/grant number under which research was done
- BN - Bureau Number (report number given by originator)
- DT - Document Type
- IT - Index Terms - descriptors which characterize content
- ST - Supplementary Terms - identifiers not found in Thesaurus of ERIC Descriptors
- AB - Abstract
- () - Abstractor's initials always placed at end of abstract

Sample Citation

- AN - EJ151650
- CHAN - SE508325
- TI - INSTRUCTIONAL IMPLICATIONS OF THE OUTWARD BOUND PROGRAM
- AU - OOLE, CHARGES C., JR.
- SO - LIBERAL EDUCATION; 42; 4; 608-19
- PD - DEC 76
- IS - CIJE77
- IT - *INSTRUCTIONAL IMPROVEMENT; *PERSONAL GROWTH
- IT - *TEACHER IMPROVEMENT; *INSTRUCTIONAL INNOVATION
- IT - ELEMENTARY EDUCATION; SECONDARY EDUCATION; TEACHING METHODS
- IT - SELF ACTUALIZATION
- ST - *OUTWARD BOUND PROGRAM
- AB - CHANGES ARE TAKING PLACE IN TEACHING TECHNIQUES AS A RESULT OF THE SUCCESS OF THE OUTWARD BOUND PROGRAM. FROM ELEMENTARY SCHOOLS TO COLLEGES, INSTRUCTORS AND ADMINISTRATORS ARE INTRODUCING ASPECTS OF THE OUTWARD BOUND APPROACH, WHICH ENCOURAGES THE INDIVIDUAL TO DISCOVER HIS OR HER INNER RESOURCES, STRENGTHS, AND LIMITATIONS. (AUTHOR/LBH)

AN - FJ1435E2
 CHAN - SE517C14
 TI - NATURE CENTERS, ENVIRONMENTAL ATTITUDES, AND OBJECTIVES
 AU - HOLTZ, ROBERT
 SO - JOURNAL OF ENVIRONMENTAL EDUCATION; 7; 3; 34-37
 PD - 76
 IS - CIJE77
 IT - *ATTITUDES; *ENVIRONMENTAL EDUCATION; *ENVIRONMENTAL RESEARCH
 IT - *NATURE CENTERS; *OBJECTIVES; ELEMENTARY GRADES; ENVIRONMENT
 IT - OUTDOOR EDUCATION; QUESTIONNAIRES; SURVEYS
 AB - PRESENTED ARE THE FINDINGS OF QUESTIONNAIRES MAILED TO THE
 DIRECTORS OF 160 NATURE CENTERS WHICH PROVIDED ENVIRONMENTAL
 EDUCATION PROGRAMS FOR ELEMENTARY SCHOOL CHILDREN IN THIRTY-FOUR
 STATES. THE FIGURES INDICATE THAT SPECIFIC ENVIRONMENTAL ATTITUDE
 OBJECTIVES NEED TO BE DEVELOPED BY THE STAFFS OF THESE CENTERS.
 (RT)

AN - EJ14365E
 CHAN - SE517148
 TI - CURRICULUM DEVELOPMENT FOR OUTDOOR LEARNING
 AU - CORCORAN, ELLEN
 SO - JOURNAL OF ENVIRONMENTAL EDUCATION; 7; 4; 55-61
 PD - 76
 IS - CIJE77
 IT - *CURRICULUM DEVELOPMENT; *INSERVICE TEACHER EDUCATION
 IT - *OUTDOOR EDUCATION; *PRESERVICE EDUCATION
 IT - ENVIRONMENTAL EDUCATION; TEACHER EDUCATION; TEACHER WORKSHOPS
 AB - OUTLINED IS A MODEL TEACHER EDUCATION CURRICULUM DEVELOPMENT
 PROCESS TO HELP PARTICIPANTS FORMULATE THEIR OWN OUTDOOR LEARNING
 CURRICULUM. SMALL-GROUP WORKSHOPS, FILMS, BOOK DISCUSSIONS, AND
 OUT-OF-CLASS WRITING HELP PARTICIPANTS DEVELOP CURRICULA
 CORRESPONDING TO THEIR NEEDS, INTERESTS, AND SKILLS. SAMPLE
 ASSIGNMENTS AND GUIDELINES ARE PRESENTED. (AUTHOR/MR)

AN - EJ144148
 CHAN- AA523359
 TI - LEARNING ON THE ROCKS
 AU - EDER, SID
 SO - AMERICAN EDUCATION; 12; 3; 16-21
 PD - APR 76
 IS - CIJE77
 IT - *LEARNING EXPERIENCE; *SUMMER PROGRAMS; *TEACHER INTERNS
 IT - *TEACHER ATTITUDES; *PROGRAM DESCRIPTIONS; LEARNING ACTIVITIES
 IT - STUDENT TEACHER RELATIONSHIPS; EMOTIONAL EXPERIENCE
 IT - OUTDOOR EDUCATION; LEADERSHIP STYLES
 AB - IN A SUMMER PROGRAM IN NEW HAMPSHIRE'S WHITE MOUNTAINS, TEACHERS AND INTERNS COME TO KNOW FIRST-HAND THE FEARS THAT STRIKE AT UNSUCCESSFUL STUDENTS. (EDITOR)

AN - EJ145438
 CHAN- SF517434
 TI - CAMP MATHEMATICS
 AU - LANG, GORDON
 SO - AUSTRALIAN MATHEMATICS TEACHER; 32; 1; 9-15
 PD - FEB 76
 IS - CIJE77
 IT - *EDUCATIONAL ALTERNATIVES; *ELEMENTARY SCHOOL MATHEMATICS
 IT - *INSTRUCTION; *MATHEMATICS EDUCATION; ACTIVITY LEARNING; CAMPING
 IT - ELEMENTARY SECONDARY EDUCATION; OUTDOOR EDUCATION
 IT - SECONDARY SCHOOL MATHEMATICS
 AB - THE RATIONALE FOR USING A CAMPING SITUATION IN WHICH CHILDREN LEARN AND DO MATHEMATICS IS DISCUSSED. (DT)



AN - EJ145453
 CHAN - SE517451
 TT - A CAMPING AND OUTDOOR EDUCATION PROGRAMME
 AU - MARTIN, R.
 SO - SOUTH AUSTRALIAN SCIENCE TEACHERS JOURNAL; 762; 27-31
 PD - JUL 76
 IS - CIJE77
 IT - *CAMPING; *ELEMENTARY EDUCATION; *INSTRUCTION; *OUTDOOR EDUCATION
 IT - ELEMENTARY SCHOOL SCIENCE; ELEMENTARY SECONDARY EDUCATION
 IT - RECREATIONAL ACTIVITIES; SCIENCE EDUCATION
 IT - SECONDARY SCHOOL SCIENCE
 AB - OUTLINES A PROGRAM OF OUTDOOR EDUCATION AND CAMPING FOR GRADES 3 THROUGH 7. STRESSED ARE (1) TEACHING THE STUDENT TO FEND FOR THEMSELVES IN CAMPING SITUATIONS AND (2) ENVIRONMENTAL AWARENESS. INCLUDED ARE TERM BY TERM OUTLINES AND A LISTING OF RELATED ACTIVITIES AND SUBJECTS INCORPORATED INTO THE OUTDOOR EDUCATION PROGRAM. (SL)

AN - EJ145454
 CHAN - SE517452
 TT - PRESERVICE PREPARATION FOR OUTDOOR EDUCATION
 SO - SOUTH AUSTRALIAN SCIENCE TEACHERS JOURNAL; 762; 57-63
 PD - JUL 76
 IS - CIJE77
 IT - *HIGHER EDUCATION; *INSTRUCTION; *OUTDOOR EDUCATION
 IT - *PROGRAM DESCRIPTIONS; *TEACHER EDUCATION; COLLEGE SCIENCE
 IT - METHODS COURSES; PRESERVICE EDUCATION; SCIENCE EDUCATION
 IT - TEACHER EDUCATION CURRICULUM
 ST - *AUSTRALIA
 AB - OUTLINES THE FORMAL AND INFORMAL PRESERVICE PROGRAMS FOR OUTDOOR EDUCATION OFFERED AT EIGHT SOUTH AUSTRALIAN COLLEGES. (SL)

AN - EJ147C92
 CHAN- SE517355
 TI - ENRICH YOUR OUTDOOR PROGRAM WITH OBIS
 AU DELUCCHI, LINDA
 SC - NATURE STUDY; 30; 2; 9-10
 PD - 76
 IS - CIJE77
 IT - *ECOLOGY; *ENVIRONMENTAL EDUCATION; *INSTRUCTIONAL MATERIALS
 IT - *LEARNING ACTIVITIES; *OUTDOOR EDUCATION; ELEMENTARY GRADES
 IT - ENVIRONMENT; NATURAL RESOURCES; SECONDARY GRADES
 ST - *OUTDOOR BIOLOGY INSTRUCTIONAL ST

AN - EJ147554
 CHAN- AA523642
 TI - IN THE FOOTSTEPS OF THE PILGRIMS
 AU - LEVENSON, DOROTHY
 SO - TEACHER; 93; 8; 56-9
 PD - APR 76
 IS - CIJE77
 IT - *STUDENT EXPERIENCE; *LEARNING EXPERIENCE
 IT - *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION
 IT - *PROGRAM DESCRIPTIONS; PHOTOGRAPHS
 ST - *CAPE COD NATIONAL SEASHORE
 AB - CAFF COD YESTERCAY AND TODAY--STUDENTS SEE IT AS PART OF A
 NATIONAL PARK SERVICE PROGRAM. (EDIT)

AN - EJ147654
 CHAN- CE5C5553
 TI - CONSERVATION STUDIES DOWN ON THE SCHOOL FARM
 AU - STUMP, NED
 SO - AMERICAN VOCATIONAL JOURNAL; 51; 8; 66,68-69
 PD - NOV 76
 IS - CIJE77
 IT - *HIGH SCHOOL CURRICULUM; *CONSERVATION EDUCATION
 IT - *NATURAL RESOURCES; *VOCATIONAL AGRICULTURE
 IT - AGRICULTURAL EDUCATION; OUTDOOR EDUCATION; NATURE CENTERS; TRAILS
 IT - SECONDARY EDUCATION
 ST - YOUTH ORGANIZATIONS
 AB - DESCRIBES HANDS-ON ACTIVITIES CONNECTED WITH A 4-SEMESTER
 CURRICULUM THAT ENABLES STUDENTS TO COMPLETE A MAJOR IN NATURAL
 RESOURCES AT PRAIRIE HEIGHTS COMMUNITY JUNIOR-SENIOR HIGH SCHOOL,
 INDIANA. (EDITOR/HD)

AN - EJ148736
 CHAN- SE517520
 TI - WILD FOODS--AN AVENUE TO ENVIRONMENTAL RESPONSIBILITY
 AU - CURRY, DUDLEY; WILLIAMS, ROBERT
 SO - SCHOOL SCIENCE AND MATHEMATICS; 76; 6; 508-510
 PD - OCT 76
 IS - CIJE77
 IT - *CONSERVATION (ENVIRONMENT); *ENVIRONMENTAL EDUCATION
 IT - *FOODS INSTRUCTION; *INSTRUCTION; *OUTDOOR EDUCATION
 IT - *SENIOR CITIZENS; BOTANY; ELEMENTARY SECONDARY EDUCATION
 IT - ELEMENTARY SCHOOL SCIENCE; NATURAL RESOURCES
 IT - SECONDARY SCHOOL SCIENCE
 AB - PROPOSES THE STUDY OF EDIBLE WILD PLANTS AS A MEANS OF DEVELOPING
 AN ATTITUDE OF ENVIRONMENTAL RESPONSIBILITY IN STUDENTS. SENIOR
 CITIZENS CAN PROVIDE CONSIDERABLE ASSISTANCE FOR SUCH A PROGRAM.
 (SL)

AN - EJ14938C
 CHAN - AA523844
 TI - STRATEGIES: READING, MATHEMATICS, SOCIAL STUDIES, SCIENCE
 AU - INCRISANC, RCSELMINA
 SO - INSTRUCTOR; 85; 9; 59-70
 PD - MAY/JUN 76
 IS - CIJE77
 IT - *READING CLINICS; *READING INSTRUCTION; *SOCIAL STUDIES
 IT - *STUDENT PROJECTS; *OUTDOOR EDUCATION; ELEMENTARY SCHOOL STUDENTS
 IT - ENVIRONMENTAL EDUCATION; MATHEMATICS INSTRUCTION

AN - EJ149702
 CHAN - AA524272
 TI - CONCEPT-CONTENT, PROCESS PRODUCTS: A NATURAL SOLUTION
 AU - ERNST, COROTHY
 SO - SCHOOL ARTS; 75; 10; 36-8
 PD - JUN 76
 IS - CIJE77
 IT - *ART EDUCATION; *ART MATERIALS; *ELEMENTARY SCHOOL STUDENTS
 IT - *OUTDOOR EDUCATION; *STUDENT PARTICIPATION; PHOTOGRAPHS
 IT - CONCEPT FORMATION; PROGRAM DESCRIPTIONS; DESIGN PREFERENCES
 AB - STUDENTS MUST BE GIVEN A COGNITIVE BASE AND HAVE A CERTAIN DEGREE OF FAMILIARITY WITH A DESIGN ELEMENT IN ORDER TO COPE WITH MATERIALS DURING THE CREATIVE PROCESS. DURING A RECENT OUTDOOR EDUCATION EXPERIENCE, ART TEACHERS FOUND SUCH CONCERNS WERE MINIMIZED IN TERMS OF AN ART PROGRAM. (AUTHOR/RK)

AN - EJ149735
 CHAN- AA524305
 TI - EARLY EDUCATION GUIDE
 AU - WEINBERGER, PAULA; BLUE, ROSE
 SC - TEACHER; 93: 9; 73-7
 PD - MAY/JUN 76
 IS - CIJE77
 IT - *EARLY CHILDHOOD EDUCATION; *STUDENT EVALUATION
 IT - *TEACHER ATTITUDES; *DIAGNOSTIC TEACHING; *OUTDOOR EDUCATION
 IT - PARENT STUDENT RELATIONSHIP; STUDENT DEVELOPMENT
 AB - A WEEK-BY-WEEK READINESS PROGRAM FOR PRESCHOOL AND EARLY PRIMARY CHILDREN. (EDITJR)

AN - EJ150158
 CHAN- EA507823
 TI - SCIENCE AND SOCIALIZATION OUT-OF-DOORS
 AU - DAWSON, PAUL DOW
 SD - NATIONAL ELEMENTARY PRINCIPAL; 56: 2; 47-49
 PD - NOV/DEC 76
 IS - CIJE77
 IT - *SOCIALIZATION; *SCIENCE EDUCATION; *OUTDOOR EDUCATION
 IT - *GROUP EXPERIENCE; ELEMENTARY EDUCATION; JUNIOR HIGH SCHOOLS
 ST - *DCHERTY SCHOOL

AN - EJ150634
 CHAN- SE517755
 TI - THE WILDLIFE IN YOUR LIFE
 AU - DENNIS, JOHN V.
 SO - DEFENDERS OF WILDLIFE NEWS; 51; 5; 313-320
 PD - OCT 76
 IS - CIJE77
 IT - *ENVIRONMENT; *OUTDOOR EDUCATION; *WILDLIFE MANAGEMENT; BIOLOGY
 IT - CONSERVATION (ENVIRONMENT); ENVIRONMENTAL EDUCATION
 ST - ORNITHOLOGY; WILDLIFE
 AB - IN THIS EDUCATIONAL SUPPLEMENT, THE REQUIREMENTS FOR SUCCESSFULLY
 LURING BIRDS, MAMMALS AND OTHER WILDLIFE TO THE HOME ARE
 PRESENTED. INFORMATION CONCERNING APPROPRIATE FEEDING STATIONS,
 TYPE OF FEED, WATER SUPPLY, BENEFICIAL PLANTS AND ADEQUATE
 SHELTER IS DETAILED. (BT)

AN - EJ150706
 CHAN- SE517966
 TI - STATICS OUTDOORS
 AU - MADISON, JOHN F.; AND OTHERS
 SO - SCIENCE AND CHILDREN; 14; 3; 15-17
 PD - NOV-DEC 76
 IS - CIJF77
 IT - *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION
 IT - *LEARNING ACTIVITIES; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES
 IT - ACTIVITIES; ELEMENTARY SECONDARY EDUCATION; ENVIRONMENT
 IT - SCIENCE EDUCATION
 ST - SCIENCE LEARNING CENTERS
 AB - DESCRIBED IS A PROGRAM OF OUTDOOR EDUCATION UTILIZING
 ACTIVITY-ORIENTED LEARNING STATICS. DESCRIBED ARE 13 ACTIVITIES
 INCLUDING: A POND STUDY, ORIENTEERING, NATURE CRAFTS, OUTDOOR
 MATHEMATICS, LINEAR DISTANCE MEASUREMENT, AND AREA MEASUREMENT.
 (SI)

AN - EJ150707
 CHAN - SE517967
 TI - ENERGY FOR TODAY AND TOMORROW WITH ENERGY EAGLE
 AU - MESSER, MELANIE E.
 SO - SCIENCE AND CHILDREN; 14; 3; 18-19,28
 PD - NOV-DEC 76
 IS - CIJE77
 IT - *ELEMENTARY SCHOOL SCIENCE; *ENERGY; *ENVIRONMENTAL EDUCATION
 IT - *FIELD TRIPS; *GAMES; ELEMENTARY SECONDARY EDUCATION; ENVIRONMENT
 IT - OUTDOOR EDUCATION; SCIENCE EDUCATION; SCIENCE ACTIVITIES
 AB - DESCRIBED IS AN ENERGY AWARENESS MODULE UTILIZED, IN THE SAN
 DIEGO (CALIFORNIA) COUNTY SCHOOLS, TO MAKE STUDENTS MORE AWARE OF
 ENERGY USE IN THE LOCAL COMMUNITY. ACTIVITIES INCLUDE AN ENERGY
 GAME AND ENERGY WALKS IN THE SCHOOL AND IN THE COMMUNITY. (SL)

AN - EJ151444
 CHAN - EC09047E
 TI - CONFRONTATION OF SELF THROUGH OUTDOOR CHALLENGE: PENNSYLVANIA'S
 OUTDOOR EXPERIENCE FOR JUVENILE OFFENDERS
 AU - BROWN, WALN K.; SIMPSON, BENJAMIN F., JR.
 SO - BEHAVIORAL DISORDERS; 2; 1; 41-8
 PD - AUG 76
 IS - CIJE77
 IT - *DELINQUENCY; *PROGRAM DESCRIPTIONS; *OUTDOOR EDUCATION
 IT - *GROUP EXPERIENCE; EMOTIONALLY DISTURBED; SECONDARY EDUCATION
 IT - CAMPING
 ST - *GROUP AND INDIVIDUAL GROWTH PROJ; PENNSYLVANIA
 AB - AVAILABLE FROM: EC 090 474.

AN - EJ15165C
 CHAN- HE508325
 TI - INSTRUCTIONAL IMPLICATIONS OF THE OUTWARD BOUND PROGRAM
 AU - CCLE, CHARLES C., JR.
 SO - LIBERAL EDUCATION; 42; 4; 608-19
 PD - DEC 76
 IS - CIJE77
 IT - *INSTRUCTIONAL IMPROVEMENT; *PERSONAL GROWTH
 IT - *TEACHER IMPROVEMENT; *INSTRUCTIONAL INNOVATION
 IT - *OUTDOOR EDUCATION; *INTERPERSONAL RELATIONSHIP; HIGHER EDUCATION
 IT - ELEMENTARY EDUCATION; SECONDARY EDUCATION; TEACHING METHODS
 IT - SELF ACTUALIZATION
 ST - *OUTWARD BOUND PROGRAM
 AB - CHANGES ARE TAKING PLACE IN TEACHING TECHNIQUES AS A RESULT OF THE SUCCESS OF THE OUTWARD BOUND PROGRAM. FROM ELEMENTARY SCHOOLS TO COLLEGES, INSTRUCTORS AND ADMINISTRATORS ARE INTRODUCING ASPECTS OF THE OUTWARD BOUND APPROACH, WHICH ENCOURAGES THE INDIVIDUAL TO DISCOVER HIS OR HER INNER RESOURCES, STRENGTHS, AND LIMITATIONS. (AUTHOR/LBH)

AN - EJ151846
 CHAN- SE517397
 TI - BROOKLYN AND THE SEA: "EXPLORE THE BEACH"
 AU - ELARDI, JAMES; ASSO, WARREN E.
 SO - JOURNAL OF MARINE EDUCATION; 10-12
 PD - 76
 IS - CIJE77
 IT - *DISADVANTAGED YOUTH; *ELEMENTARY SECONDARY EDUCATION
 IT - *ENVIRONMENTAL EDUCATION; *OCEANOLOGY; *PROGRAM DESCRIPTIONS
 IT - *URBAN EDUCATION; EDUCATIONAL PROGRAMS; ENVIRONMENT
 IT - OUTDOOR EDUCATION
 ST - *MARINE SCIENCE CURRICULUM; EXPLORE THE BEACH PROGRAM
 AB - THE "EXPLORE THE BEACH" PROGRAM, WHICH PROVIDES INNER-CITY CHILDREN FROM DAY-CARE CENTERS AND DAY CAMPS IN NEW YORK CITY THE OPPORTUNITY TO OBSERVE THE MARINE ENVIRONMENT, IS DESCRIBED. A DESCRIPTION OF THE MARINE SCIENCE CURRICULUM AT JOHN DEWEY HIGH SCHOOL IS PRESENTED. (BT)

AN - EJ152056
 CHAN - SE518052
 TI - FORAGING EXPERIENCES WITH CHILDREN
 AU - RUSSELL, HELEN ROSS
 SO - NATURE STUDY; 30; 3; 8-10
 PD - 76
 IS - CIJE77
 IT - *ELEMENTARY SECONDARY EDUCATION; *ENVIRONMENTAL EDUCATION; *FOOD
 IT - *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION; *URBAN EDUCATION
 IT - ENVIRONMENT; PLANT IDENTIFICATION
 AB - PROVIDED ARE FORAGING EXPERIENCES AND WILD FOODS INFORMATION FOR
 UTILIZATION IN THE URBAN SCHOOL CURRICULUM. FOOD USES ARE
 DETAILED FOR ROSES, DANDELIONS, WILD ONIONS, ACORNS, CATTAILS,
 VIOLETS AND MINTS. (BT)

AN - EJ152212
 CHAN - SE518251
 TI - FIELD STUDIES FROM A ROOFTOP: MONITORING AUTUMN HAWK MIGRATION
 AU - LEE, DAVID S.
 SO - AMERICAN BIOLOGY TEACHER; 39; 1; 17-20
 PD - JAN 77
 IS - CIJE77
 IT - *BIOLOGY; *BIOLOGICAL SCIENCES; *ELEMENTARY SCHOOL SCIENCE
 IT - *INSTRUCTION; *SCIENCE ACTIVITIES; *SECONDARY SCHOOL SCIENCE
 IT - ELEMENTARY SECONDARY EDUCATION; FIELD INSTRUCTION
 IT - OUTDOOR EDUCATION; SCIENCE EDUCATION
 AB - DESCRIBED ARE SCIENCE ACTIVITIES FOR MONITORING BIRD MIGRATIONS.
 (SL)

AN - EJ152163
 CHAN - CE5059C4
 TI - MANAGEMENT OF STUDENT PRACTICE IN THE OUTDOOR LABORATORY
 AU - HANNON, MAURICE J.
 SO - AGRICULTURAL EDUCATION; 49; 6; 127
 PD - DEC 76
 IS - CIJE77
 IT - *CLASS MANAGEMENT; *LABORATORY TECHNIQUES; *OUTDOOR EDUCATION
 IT - VOCATIONAL EDUCATION; SECCNARY EDUCATION; AGRICULTURAL EDUCATION
 IT - TRAINING LABORATORIES; TEACHING TECHNIQUES
 AB - FIVE KEYS OR PROCECURES FOR CONDUCTING AN OUTDOOR LABORATORY
 WHICH SHOULD LEAD TO A WELL CONTROLLED AND INFCKMATIVE EXPERIENCE
 FOR ALL STUDENTS. (HD)

AN - EJ154238
 CHAN - SE518565
 TT - SNOWSHCEING: INVITATION TO THE OUTDOORS
 AU - PERMUT, SUSAN
 SO - SCIENCE AND CHILDREN; 14; 5; 17-19
 PD - FEB 77
 IS - CIJE77
 IT - *ELEMENTARY SCHOOL SCIENCE; *ENVIRONMENTAL EDUCATION
 IT - *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION
 IT - *PHYSICAL ACTIVITIES; *SCIENCE ACTIVITIES; ELEMENTARY EDUCATION
 IT - SCIENCE EDUCATION
 AB - OUTLINES BRIEF HISTORY OF THE USE OF SNOWSHOES. SUGGESTS AND
 DESCRIBES ACTIVITIES SUCH AS THE CCNSTRUCTION OF SNOWSHOES,
 PROPER USE OF SNCWSHGES, TOPICS FOR DISCLSSICK, AND OUTDOOR
 LESSONS. (CS)

AN - EJ154239
 CHAN - SE51E566
 TI - FUN WITH FOOD WEBS
 AU - SMITH, KARL C.
 SO - SCIENCE AND CHILDREN; 14; 5; 22-23
 PD - FEB 77
 IS - CIJF77
 IT - *SCOLOGY; *EDUCATIONAL GAMES; *ELEMENTARY SCHOOL SCIENCE
 IT - *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION; *SCIENCE ACTIVITIES
 IT - ELEMENTARY EDUCATION; INSTRUCTIONAL MATERIALS
 IT - PHYSICAL ACTIVITIES; SCIENCE EDUCATION
 AB - EXPLAINS AN UPPER ELEMENTARY GAME OF TAG THAT ILLUSTRATES ENERGY
 FLOW IN FOOD WEBS USING CANDY BARS AS FOOD SOURCES. A FOLLOW-UP
 FIELD TRIP TO A RIVER AND FIVE LANGUAGE ARTS PROJECTS ARE ALSO
 SUGGESTED. (CS)

AN - EJ155629
 CHAN - P5E05446
 TI - DESIGNING A SPECIAL PLAYGROUND
 AU - GILLET, PAMELA
 SO - CHILDREN TODAY; 6; 1; 13-17
 PD - JAN/FEB 77
 IS - CIJF77
 IT - *PLAYGROUNDS; *EARLY CHILDHOOD EDUCATION; *HANDICAPPED CHILDREN
 IT - *OUTDOOR EDUCATION; *PHYSICAL DEVELOPMENT
 IT - EDUCATIONAL ENVIRONMENT; MODELS; SCHOOL ARCHITECTURE
 IT - EXCEPTIONAL STUDENTS
 AB - DESCRIBES HOW TEACHERS AND STUDENT ARCHITECTS PLANNED AN
 INNOVATIVE OUTDOOR LEARNING AREA FOR TRAINABLE MENTALLY
 HANDICAPPED AND PRESCHOOL MULTIPLY-HANDICAPPED CHILDREN. (BF/JH)

- EJ155665
 CHAN- RC502297
 TI - ROCKCLIMBING AND TRANSFER TEACHING
 AU - EDER, SID
 SD - COMMUNICATOR; 8; 1; 2-3
 PC - F-WIN 76
 IS - CIJE77
 IT - *ACTIVITY LEARNING; *LABORATORY TRAINING; *OUTDOOR EDUCATION
 IT - *PRESERVICE EDUCATION; LEARNING EXPERIENCE; SENSITIVITY TRAINING
 IT - STRESS VARIABLES
 ST - *EXPERIENTIAL LEARNING; ROCKCLIMBING
 AB - PRESERVICE TEACHER INTERNS LEARNED FROM DIRECT, FIRST-HAND
 PRACTICAL EXPERIENCES, RATHER THAN JUST FROM THEORETICAL IDEAS,
 THE KINDS OF FEELINGS A NEW AND STRESSFUL SITUATION MAY ELICIT.
 (NG)

AN - EJ155688
 CHAN- RC502300
 TI - TAPPING THE SUGAR MAPLE--LEARNING AND APPRECIATING
 AU - MALONE, CHARLES
 SC - COMMUNICATOR; 8; 1; 22-5
 PD - F-WIN 76
 IS - CIJE77
 IT - *ACTIVITY LEARNING; *ENVIRONMENTAL EDUCATION; *OUTDOOR EDUCATION
 IT - *TREES; INTERDISCIPLINARY APPROACH; PLANT IDENTIFICATION
 I - SKILL DEVELOPMENT
 AB - THE ARTICLE DISCUSSES HOW TO TAP A MAPLE TREE. TAPPING A MAPLE
 TREE TO PRODUCE MAPLE SYRUP CAN: (1) LEAD TO BETTER UNDERSTANDING
 IN MANY SUBJECT AREAS, (2) DEVELOP SKILLS THROUGH PARTICIPATION
 IN A REWARDING ACTIVITY, AND (3) HELP STUDENTS APPRECIATE THE
 MANY IMPORTANT ROLES THAT TREES PLAY IN OUR ENVIRONMENT AND DAILY
 LIVES. (NG)

AN - EJ155690
 CHAN - RC502302
 TI - THE MAGIC GARDEN
 AU - COTHREN, KEVIN
 SO - COMMUNICATOR; 8; 1; 30-3
 PD - F-WIN 76
 IS - CIJE77
 IT - *FIELD CROPS; *HORTICULTURE; *OUTDOOR EDUCATION; *PLANTING
 IT - *STUDENT PROJECTS; *URBAN ENVIRONMENT; ENVIRONMENTAL EDUCATION
 IT - SCIENCE PROJECTS; SPACE UTILIZATION
 ST - NEW YORK (BROOKLYN)
 AB - USING THE OUTDOORS, THE GARDEN PROJECT HELPED CHILDREN IN
 BROOKLYN TO: EXPAND THEIR KNOWLEDGE OF THE EARTH'S PROCESSES,
 BECOME MORE AWARE OF HOW URBAN PEOPLE RELATE TO THEIR
 ENVIRONMENT, AND DEVELOP CONCERN FOR THE ENVIRONMENT AND ITS
 ECOLOGICAL BALANCE. (NQ)

AN - EJ155691
 CHAN - RC502303
 TI - THE SEED SCENE: AN OUTDOOR TEACHING TECHNIQUE
 AU - RILLO, THOMAS J.
 SO - COMMUNICATOR; 8; 1; 34-40
 PD - F-WIN 76
 IS - CIJE77
 IT - *BOTANY; *OUTDOOR EDUCATION; *PLANT IDENTIFICATION
 IT - *SCIENCE ACTIVITIES; *TEACHING TECHNIQUES
 IT - ENVIRONMENTAL EDUCATION; HORTICULTURE
 AB - THE STUDY OF SEEDS AND THEIR DISPERSAL IS AN EXCELLENT WAY TO
 HELP STUDENTS UNDERSTAND BASIC CONCEPTS WHICH WILL HELP THEM IN
 THEIR ADULT DECISION-MAKING ACTIVITIES REGARDING ENVIRONMENTAL
 PROBLEMS. THIS ARTICLE DISCUSSES THE PURPOSE OF SEEDS, ASPECTS OF
 SEEDS, AND COLLECTING SEEDS. CLASSROOM AND OUTDOOR ACTIVITIES
 WITH SEEDS ARE LISTED. (NQ)

AN - EJ155652
 CHAN - RC50230A
 TI - UTOPOLIS, U.S.A.
 AU - EVANS, LCUISE
 SO - COMMUNICATOR; 8; 1; 42-5
 PD - F-WIN 76
 IS - CIJE77
 IT - *COMMUNITY STUDY; *INTERDISCIPLINARY APPROACH; *PLANNED COMMUNITY
 IT - *SIMULATION; *STUDENT PROJECTS; OUTDOOR EDUCATION
 AB - UTOPOLIS, AN IMAGINARY COMMUNITY, WAS CREATED BY 48 FOURTH,
 FIFTH, AND SIXTH GRADE STUDENTS. GIVEN ONLY GEOGRAPHICAL
 BOUNDARIES, THE GROUP CREATED THE TOWN COMPLETE WITH ITS MANY
 COMPLEX AND INTERRELATED PROBLEMS. (NQ)

AN - EJ155693
 CHAN - RC502305
 - OUTDOOR EDUCATION.... ANDTHE ECONOMIC PINCH
 J - THABET, ROBERT A.
 SO - COMMUNICATOR; 8; 1; 50-1
 PD - F-WIN 76
 IS - CIJE77
 IT - *EDUCATIONAL FINANCE; *OUTDOOR EDUCATION; *PROGRAM COSTS
 IT - EDUCATIONAL PHILOSOPHY

AN - EJ155879
 CHAN- SF518738
 TI - TERRITORIALITY IN THE RED-WINGED BLACKBIRD
 AU - NEWHOUSE, CHRIS
 SO - AMERICAN BIOLOGY TEACHER; 39; 3; 168-170
 PD - MAR 77
 IS - CIJE77
 IT - *ANIMAL BEHAVIOR; *BIOLOGY; *HIGHER EDUCATION; *OUTDOOR EDUCATION
 IT - *SCIENCE ACTIVITIES; *SECONDARY EDUCATION; COLLEGE SCIENCE
 IT - INSTRUCTION: SECONDARY SCHOOL SCIENCE
 ST - CRITHOLOGY
 AB - REPORTS FINDINGS ON RESEARCH IN RED-WINGED BLACKBIRD
 TERRITORIALITY AND DESCRIBES THE EDUCATIONAL POTENTIAL OF USE OF
 SIMILAR STUDIES IN THE CLASSROOM. TERRITORIAL MAPPING AND
 OBSERVATIONAL TECHNIQUES ARE EXPLAINED. (CS)

AN - EJ156332
 CHAN- AA525C72
 TI - OF GRASSFLATS AND SPOIL ISLANDS
 AU - RICH, JOAN; RICH, LESLIE
 SO - AMERICAN EDUCATION; 12; 9; 14-8
 PD - NOV 76
 IS - CIJE77
 IT - *OUTDOOR EDUCATION; *ENVIRONMENTAL EDUCATION; *ECOLOGY
 IT - *NATURE CENTERS; *ELEMENTARY SECONDARY EDUCATION
 IT - SCIENCE CURRICULUM
 AB - THE HISTORY, CURRICULUM AND OBJECTIVES OF THE ENVIRONMENTAL
 STUDIES CENTER IN JENSEN BEACH, FLORIDA, ARE DISCUSSED. (RW)

AN - EJ15651
 CHAN - AA525253
 TI - NATURE IN THE CLASSROOM: ENVIRONMENTAL EDUCATION ON THE
 SCHOOLGROUNDS
 AU - DOYLE, CHARLES
 SO - NJEA REVIEW; 50; 3; 12, 38
 PD - NOV 76
 IS - CIJE77
 IT - *PLAYGROUNDS; *OUTDOOR EDUCATION; *LEARNING ACTIVITIES
 IT - *STUDENT PARTICIPATION; *SCHOOL ENVIRONMENT; CHARTS
 AB - GET TO KNOW MORE ABOUT YOUR OWN SCHOOLGROUNDS WITH THESE
 FIELD-TESTED ACTIVITIES THAT MAY BE ADAPTED TO SUBJECT AND GRADE
 LEVELS. (EDITOR)

AN - EJ157474
 CHAN - SE518782
 TI - A WEED CANTILEVER
 AU - KELLER, ELHANNAN L.; PACALINO, JOHN
 SO - SCIENCE ACTIVITIES; 14; 1; 25-26
 PD - JAN/FEB 77
 IS - CIJE77
 IT - *EDUCATIONAL GAMES; *ELEMENTARY EDUCATION
 IT - *INSTRUCTIONAL MATERIALS; *OUTDOOR EDUCATION
 IT - *RECREATIONAL ACTIVITIES; SCIENCE ACTIVITIES
 ST - CANTILEVERS
 AB - DESCRIBES THE ENVIRONMENTAL ACTION TASK ACTIVITY, WHICH MAY BE
 USED AS A RECREATIONAL GAME OR AN ENVIRONMENTAL PERCEPTION
 EXPERIENCE, MAY BE CONDUCTED INDOORS OR OUTDOORS, USING WEED
 STEMS (OR SPAGHETTI) AND MASKING TAPE TO CONSTRUCT A CANTILEVER.
 SMALL GROUPS OF CHILDREN WORK TOGETHER TO MAKE THE CANTILEVER
 WITH THE LONGEST ARM. FURTHER ACTIVITIES ALSO LISTED. (CS)

AN - EJ155423
 CHAN- SE518518
 TI - HOW TO DEVELOP AND TEST YOUR OWN CURRICULUM
 AU - COLLINS, M. A. J.
 SO - SCIENCE AND CHILDREN; 14; 6; 11-13
 PD - MAR 77
 IS - CIJE77
 IT - *CURRICULUM DEVELOPMENT; *CURRICULUM EVALUATION
 IT - *ELEMENTARY EDUCATION; *ENVIRONMENTAL EDUCATION; *MODELS
 IT - COURSE DESCRIPTIONS; COURSE OBJECTIVES; ELEMENTARY SCHOOL SCIENCE
 IT - NATURAL SCIENCES; OUTDOOR EDUCATION; SCIENCE EDUCATION
 AB - REVISES TABA'S MCOEL IN DEVELOPING A SHORT COURSE, "WINTER ENVIRONMENT," IN ENVIRONMENTAL EDUCATION FOR USE IN ELEMENTARY SCHOOLS. LISTS FIVE COURSE OBJECTIVES AND DESCRIBES EVALUATION INSTRUMENTS TO TEST THE SUCCESS OF EACH OBJECTIVE. SUGGESTS A MODEL FOR CURRICULUM EVALUATION. (CS)

AN - EJ159428
 CHAN- SE518923
 TI - BUILDING AN ECOLOGICAL CONSCIENCE
 AU - KENDALL, DAVID L.
 SO - SCIENCE AND CHILDREN; 14; 6; 25-27
 PD - MAR 77
 IS - CIJE77
 IT - *ECOLOGY; *ELEMENTARY SECONDARY EDUCATION; *FIELD STUDIES
 IT - *INSTRUCTION; *OUTDOOR EDUCATION; COURSE DESCRIPTIONS
 IT - JUNIOR HIGH SCHOOL STUDENTS; SCIENCE ACTIVITIES
 IT - SCIENCE EDUCATION; STUDENT ATTITUDES
 AB - DESCRIBES AN OUTDOOR SCIENCE PROJECT FOR JUNIOR HIGH STUDENTS THAT DEEPLY INVOLVES THE OBSERVER WITH THE NATURAL ENVIRONMENT HE IS OBSERVING. LISTS TEACHING TACTICS THAT PROMOTE DEEP STUDENT AWARENESS OF THE ENVIRONMENT. DESCRIBES FOUR INTRODUCTORY ACTIVITIES AND AN EXAMPLE OF AN INVESTIGATION THAT MIGHT NORMALLY GROW OUT OF AN INTRODUCTORY ACTIVITY. (CS)

AN - EJ15956E
CHAN- SE51927C
TI - THEY CALL IT ORIENTEERING
AU - WEXLER, MARK
SO - NATIONAL WILDLIFE; 15; 4; 13-16
PD - JUN-JUL 77
IS - CIJE77
IT - *LEISURE TIME; *OUTDOOR EDUCATION; *PHYSICAL ACTIVITIES
IT - *RECREATION; ATHLETICS; ENVIRONMENT; EXERCISE (PHYSIOLOGY); PARKS
IT - RECREATIONAL ACTIVITIES; TRAILS
ST - *ORIENTEERING
AB - THROUGH THE USE OF PERSONAL ANECDOTES, THE AUTHOR DETAILS HIS
INITIAL EXPERIENCE WITH ORIENTEERING, A SPORT RAPIDLY INCREASING
IN POPULARITY THAT TEACHES PEOPLE NOT TO GET LOST IN THE WOODS.
SOURCES OF INFORMATION ABOUT ORIENTEERING ARE PROVIDED. (BT)

SECTION III. RIE AND CIJE SUBJECT INDEX

ABSTRACTS
 ED136971
 ACTIVITIES
 ED129535
 ED134362
 ED134363
 ACTIVITY LEARNING
 ED129528
 ED129529
 ED134384
 EJ155685
 EJ155688
 ADMINISTRATIVE ORGANIZATION
 ED131533
 ADMINISTRATIVE POLICY
 ED139646
 ADMINISTRATOR GUIDES
 ED139564
 ADMINISTRATOR ROLE
 ED131533
 ADOLESCENTS
 ED129524
 ED130817
 ADULTS
 ED136998
 AFFECTIVE BEHAVIOR
 ED129549
 EJ139572
 AGRICULTURAL EDUCATION
 ED137523
 AIRBORNE FIELD TRIPS
 ED128245
 AMERICAN INDIANS
 ED138384
 ANIMAL BEHAVIOR
 ED129533
 EJ155879
 ANNOTATED BIBLIOGRAPHIES
 ED136971
 ANXIETY
 ED129516
 APPALACHIAN TRAIL
 ED139592
 ART EDUCATION
 EJ149702
 ART MATERIALS
 EJ149702
 ARTICULATION (PROGRAM)
 ED139571
 ATTITUDES
 ED131968
 ED131982
 EJ143582
 AUSTRALIA
 EJ145454
 BACKPACKING
 ED139565
 BLUE CREEK SCHOOL DISTRICT MICH.
 ED139555
 BEHAVIOR CHANGE
 ED139555
 ED139572
 BEHAVIOR PATTERNS
 ED134414
 BEHAVIOR PROBLEMS
 ED130817
 BEHAVIORAL OBJECTIVES
 ED139572
 BIBLIOGRAPHIC CITATIONS
 ED137283
 BIBLIOGRAPHIES
 ED138384
 BIOLOGICAL SCIENCES
 EJ152212
 BIOLOGY
 EJ152212
 EJ155879
 BIRACIAL SECONDARY SCHOOLS
 ED139555
 BIRD BANDING
 ED129533
 BOTANY
 EJ155691
 CALIFORNIA
 ED134419
 CALIFORNIA (MARIN COUNTY)
 ED129535
 CAMPING
 ED129536
 ED129549
 ED130817
 ED135544
 EJ145453
 CAPE COD NATIONAL SEASHORE
 EJ147554
 CERTIFICATION
 ED134419
 CHANGE AGENTS
 ED131968
 CHANGING ATTITUDES
 ED129524
 ED135544
 CLASS MANAGEMENT
 EJ153163
 COLORADO
 ED139566
 COLORADO OUTWARD BOUND SCHOOL
 ED139563
 COMMUNITY STUDY
 EJ155692
 COMPARATIVE ANALYSIS
 ED129520
 ED129537
 ED129549
 ED131968
 ED131983
 ED139672
 CONFERENCES
 ED134471
 CONSERVATION (ENVIRONMENT)
 ED139592

EJ148736
 CONSERVATION EDUCATION
 ED133141
 ED134471
 ED136971
 ED135646
 ED135672
 EJ147654
 COORDINATORS
 ED139564
 COUNSELING GOALS
 ED129520
 COURSE CONTENT
 ED129528
 CREATIVE THINKING
 ED130807
 CREATIVITY TESTS
 ED130807
 CURRENT EVENTS
 ED129530
 CURRICULUM
 ED134449
 ED137129
 CURRICULUM DEVELOPMENT
 EJ143658
 EJ155423
 CURRICULUM EVALUATION
 EJ159423
 CURRICULUM GUIDES
 ED129523
 ED129530
 ED135563
 ED139671
 DAY CAMP PROGRAMS
 ED133085
 DECISION MAKING
 ED131983
 DEFINITIONS
 ED131968
 DELINQUENCY
 EJ151444
 DIAGNOSTIC TEACHING
 EJ149735
 DIRECTORIES
 ED139571
 ED139647
 DISADVANTAGED YOUTH
 EJ151846
 DISCOVERY LEARNING
 ED129523
 DIVERSITY SCHOOL
 EJ150158
 EARLY CHILDHOOD EDUCATION
 EJ149735
 EJ155629
 ECOLOGY
 EJ147092
 EJ154239
 EJ156332
 EJ155428
 ECONOMICALLY DISADVANTAGED

ED129549
 EDUCATIONAL ALTERNATIVES
 ED139570
 EJ145438
 EDUCATIONAL FACILITIES
 ED134408
 EDUCATIONAL FINANCE
 EJ155653
 EDUCATIONAL GAMES
 EJ154239
 EJ157474
 EDUCATIONAL OBJECTIVES
 ED129520
 ED131983
 ED139672
 EDUCATIONAL PHILOSOPHY
 ED129519
 EDUCATIONAL PROGRAMS
 ED128167
 EDUCATIONAL RADIO
 ED133085
 EDUCATIONAL RESEARCH
 ED134408
 EFFECTIVE TEACHING
 ED129532
 ELEMENTARY EDUCATION
 ED129549
 ED133232
 ED134362
 ED134433
 ED134448
 ED137081
 ED137082
 EJ145453
 EJ157474
 EJ159423
 ELEMENTARY SCHOOL MATHEMATICS
 EJ145438
 ELEMENTARY SCHOOL SCIENCE
 ED134433
 EJ150706
 EJ150707
 EJ152212
 EJ154238
 EJ154239
 ELEMENTARY SCHOOL STUDENTS
 ED131983
 EJ149702
 ELEMENTARY SECONDARY EDUCATION
 ED128167
 ED130820
 ED133140
 ED134419
 ED137129
 ED139647
 EJ151846
 EJ152056
 EJ156332
 EJ155428
 EMOTIONALLY DISTURBED
 ED129532

ED13C817
ENERGY
EJ150707
ENVIRONMENT
ED133232
ED134433
ED134449
ED134471
ED137081
ED137082
EJ150634
ENVIRONMENTAL EDUCATION
ED128167
ED129535
ED129538
ED130813
ED130820
ED132239
ED133140
ED133232
ED134419
ED134433
ED134448
ED134449
ED135544
ED136971
ED137081
ED137082
ED137129
ED135566
ED135646
ED139647
ED139671
ED135672
EJ143582
EJ147092
EJ147554
EJ148736
EJ150706
EJ150707
EJ151846
EJ152056
EJ154238
EJ154239
EJ155688
EJ156332
EJ159423
ENVIRONMENTAL INFLUENCES
ED130807
ENVIRONMENTAL RESEARCH
EJ143582
EUROPE (AGRWEST)
ED129537
EVALUATION
ED134419
EXPERIENTIAL LEARNING
ED129519
ED129521
ED135563
ED135572
EJ155685

FACILITIES
ED133140
ED133232
FAMILY INVOLVEMENT
ED129500
FEDERAL LEGISLATION
ED133085
FIELD CROPS
EJ155690
FIELD STUDIES
ED129537
EJ159428
FIELD TRIPS
EJ150707
FOLLOWUP STUDIES
ED131568
FOOD
EJ152056
FOODS INSTRUCTION
EJ148736
FUNDAMENTAL CONCEPTS
ED128167
GAMES
EJ150707
GENERAL EDUCATION
ED139672
GEOGRAPHY INSTRUCTION
ED128245
GLOSSARIES
ED129534
GRADE 5
ED136998
GRADE 6
ED130807
GRADUATE STUDY
ED129538
GROUP AND INDIVIDUAL GROWTH PROJECTS
EJ151444
GROUP DYNAMICS
ED129521
GROUP EXPERIENCE
EJ150158
EJ151444
GUIDELINES
ED129528
ED130820
GUIDES
ED129518
ED129531
ED135565
ED139590
HANDICAPPED
ED134408
HANDICAPPED CHILDREN
EJ155629
HEBERTISME
ED139590
HIGH SCHOOL CURRICULUM
EJ147654
HIGH SCHOOL STUDENTS
ED129520

| | | |
|-------------------------------------|----------|--------------------------------|
| HIGH SCHOOLS | ED129519 | ED139566 |
| HIGHER EDUCATION | ED129518 | EJ155692 |
| | ED133141 | INTERPERSONAL RELATIONSHIP |
| | ED139647 | EJ15165C |
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| | ED131982 | ED134471 |
| HYPOTHESIS TESTING | ED136998 | ED129592 |
| | ED139590 | LANDSCAPING |
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| | ED139590 | LEADERS GUIDES |
| ILLUSTRATIONS | ED129521 | ED129523 |
| | ED129521 | LEADERSHIP |
| INDIVIDUAL DEVELOPMENT | EJ143658 | ED131982 |
| | ED129518 | LEADERSHIP STYLES |
| INSERVICE TEACHER EDUCATION | ED129518 | ED130817 |
| | ED129518 | LEARNING ACTIVITIES |
| INSTITUTIONAL ROLE | ED129518 | ED129525 |
| | ED129518 | ED129530 |
| INSTRUCTION | ED128167 | ED129533 |
| | ED133232 | ED131983 |
| | EJ145438 | ED137081 |
| | EJ145453 | ED137082 |
| | EJ145454 | ED139570 |
| | EJ148736 | EJ147092 |
| | EJ152212 | EJ150706 |
| | EJ159428 | EJ156513 |
| INSTRUCTIONAL IMPROVEMENT | EJ15165C | LEARNING EXPERIENCE |
| | ED139570 | EJ144148 |
| INSTRUCTIONAL INNOVATION | EJ15165C | EJ147554 |
| | ED139570 | LEISURE TIME |
| | EJ15165C | ED129500 |
| INSTRUCTIONAL MATERIALS | ED129534 | ED137293 |
| | ED133141 | EJ159568 |
| | ED134448 | LESSON PLANS |
| | ED137081 | ED129523 |
| | ED137082 | ED130813 |
| | ED137129 | ED134362 |
| | EJ147092 | ED134363 |
| | EJ152056 | LIFETIME SPORTS |
| | EJ154238 | ED137283 |
| | EJ157474 | LITERATURE REVIEWS |
| INTEGRATED ACTIVITIES | ED139565 | ED138384 |
| | ED139566 | LOGISTICS |
| INTERACTION PROCESS ANALYSIS | ED139555 | ED139564 |
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| INTERDISCIPLINARY APPROACH | ED129530 | ED134384 |
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| | ED134384 | EJ151846 |
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|-----------------------------------|----------|----------|
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| MODELS | | ED129537 |
| | ED131533 | ED129549 |
| | EJ159423 | ED130807 |
| NATIONAL CUTCOR LEADERSHIP SCHOOL | | ED130813 |
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| | ED133085 | ED131533 |
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| | ED133141 | ED131982 |
| | ED134448 | ED131983 |
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| | ED130813 | ED134363 |
| | ED134408 | ED134384 |
| | EJ143582 | ED134408 |
| | EJ156332 | ED134414 |
| NEEDS | | ED134419 |
| | ED129528 | ED134433 |
| NEEDS ASSESSMENT | | ED135544 |
| | ED129538 | ED136971 |
| NEW YORK | | ED136998 |
| | ED139570 | ED138084 |
| NEW YORK (CENTRAL) | | ED135555 |
| | ED129532 | ED139563 |
| NEWSLETTERS | | ED139564 |
| | ED138384 | ED139565 |
| NORTHERN ILLINOIS UNIVERSITY TAFT | | ED139566 |
| | ED129533 | ED139571 |
| OBJECTIVES | | ED139572 |
| | ED129518 | ED139590 |
| | ED133140 | ED139592 |
| | EJ143582 | ED139672 |
| OBSERVATION: | | EJ143658 |
| | ED139572 | EJ145453 |
| OCCUPATIONAL INFORMATION | | EJ145454 |
| | ED139564 | EJ147092 |
| OCEANOLOGY | | EJ147554 |
| | EJ151846 | EJ148736 |
| OLYMPIC GAMES | | EJ149380 |
| | ED129530 | EJ149702 |
| ORIENTEERING | | EJ149735 |
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| | EJ159568 | EJ150634 |
| OUTDOOR BIOLOGY INSTRUCTIONAL ST | | EJ150706 |
| | EJ147092 | EJ151444 |
| OUTDOOR EDUCATION | | EJ151650 |
| | ED129516 | EJ152056 |
| | ED129518 | EJ153163 |
| | ED129519 | EJ154238 |
| | ED129520 | EJ154239 |
| | ED129521 | EJ155629 |
| | ED129523 | EJ155685 |
| | ED129528 | EJ155688 |
| | ED129529 | EJ155690 |
| | ED129531 | EJ155691 |
| | ED129532 | EJ155693 |
| | ED129533 | EJ155879 |
| | ED129534 | EJ156332 |
| | ED129535 | EJ156513 |

EJ157474
 EJ159428
 EJ159568
 OUTDCOR RECREATION
 ED137523
 OUTWARD BOUNC
 ED129516
 ED129518
 ED129519
 ED129520
 ED129521
 ED139564
 ED139571
 ED139572
 OUTWARD BOUND PROGRAM
 EJ15165C
 PARENT ATTITUDES
 ED129500
 PAWNEE GRASSLANDS
 ED139566
 PENNSYLVANIA
 ED139647
 PERCEPTUAL DEVELOPMENT
 ED129524
 PERSONAL GROWTH
 EJ151650
 PHYSICAL ACTIVITIES
 ED134384
 ED139563
 EJ154238
 EJ159568
 PHYSICAL DEVELOPMENT
 EJ155629
 PHYSICAL EDUCATION
 ED129528
 ED139590
 PHYSICAL GEOGRAPHY
 ED128245
 PHYSICAL RECREATION PROGRAMS
 ED137283
 PLANNED COMMUNITY
 EJ155652
 PLANNING
 ED129531
 ED134471
 PLANT IDENTIFICATION
 EJ155691
 PLANTING
 EJ155690
 PLAYGROUNDS
 EJ155629
 EJ156513
 POSITIVE REINFORCEMENT
 ED129516
 PRESERVICE EDUCATION
 EJ143658
 EJ155685
 PRINCIPALS
 ED131533
 PRIVATE SCHOOLS
 ED139571

PROFESSIONAL PERSONNEL
 ED129538
 PROGRAM ATTITUDES
 ED136998
 PROGRAM CONTENT
 ED139563
 ED139571
 PROGRAM COSTS
 EJ155653
 PROGRAM DESCRIPTIONS
 ED129519
 ED129533
 ED129537
 ED134471
 ED137129
 ED139646
 ED139647
 EJ144148
 EJ145454
 EJ147554
 EJ151444
 EJ151846
 PROGRAM DEVELOPMENT
 ED129518
 ED129531
 ED133140
 ED139590
 PROGRAM EFFECTIVENESS
 ED136998
 PROGRAM EVALUATION
 ED129519
 ED129521
 ED129532
 ED135544
 PROGRAM GUIDES
 ED139646
 PROGRAM PLANNING
 ED139565
 PROJECT BACKSTOP
 ED139555
 PROXIMITY
 ED134362
 ED134363
 PUBLIC SPEAKING
 ED132239
 RACE RELATIONS
 ED139555
 READING CLINICS
 EJ149380
 READING INSTRUCTION
 EJ149380
 RECREATION
 ED134414
 ED137523
 EJ159568
 RECREATIONAL ACTIVITIES
 ED134414
 ED137283
 EJ157474
 RECREATIONAL FACILITIES
 ED134414

RECREATIONISTS

ED137283

REDWOOD GLEN RESIDENT OUTDOOR SC

ED129535

RESEARCH REPORTS

ED134414

RESIDENT CAMP PROGRAMS

ED125500

ED129523

ED129524

ED129529

ED133085

ED136998

RESIDENTIAL PROGRAMS

ED129535

RESOURCE GUIDES

ED125529

ED135566

RESPONSIBILITY

ED135564

RUNNING

ED134384

RURAL EDUCATION

ED138384

ED139570

RURAL SCHOOLS

ED134362

ED134363

ED139570

SAFETY

ED133085

SAFETY EDUCATION

ED129563

SASKATCHEWAN

ED130820

SCHOOL ENVIRONMENT

EJ156513

SCIENCE ACTIVITIES

EJ150706

EJ152212

EJ154238

EJ154239

EJ155691

EJ155879

SCIENCE EDUCATION

ED139647

EJ150158

SECONDARY EDUCATION

ED133141

ED134363

ED134449

ED135646

EJ155879

SECONDARY GRADES

ED139671

SECONDARY SCHOOL SCIENCE

EJ152212

SELF CONCEPT

ED129516

ED129520

ED129524

SENIOR CITIZENS

EJ148736

SENSORY EXPERIENCE

ED134362

ED134363

SEX DIFFERENCES

ED125516

SIMULATION

ED129530

EJ155692

SITE DEVELOPMENT

ED129531

ED139590

ED139592

SITE SELECTION

ED129531

SKIING

ED139565

SOCIAL STUDIES

EJ149380

SOCIALIZATION

EJ150158

SPEECH SKILLS

ED132239

STATE STANDARDS

ED133085

ED134419

STONE VALLEY OUTDOOR SCHOOL PA

ED131983

STUDENT ATTITUDES

ED129532

ED135544

STUDENT BEHAVIOR

ED129532

STUDENT EVALUATION

EJ149735

STUDENT EXPERIENCE

EJ147554

STUDENT PARTICIPATION

ED131982

EJ149702

EJ156513

STUDENT PROJECTS

EJ149380

EJ155690

EJ155692

SUMMER PROGRAMS

ED129500

EJ144148

SURVEYS

ED129536

ED129538

TABLES (CATA)

ED129536

TEACHER ATTITUDES

EJ144148

EJ149735

TEACHER EDUCATION

ED129521

ED129533

ED129534

ED129537
 ED129538
 EJ145454
 TEACHER IMPROVEMENT
 EJ151650
 TEACHER INTERNS
 EJ144148
 TEACHING GUIDES
 ED129535
 ED130820
 ED134433
 ED134449
 ED135671
 TEACHING METHODS
 ED128245
 ED139570
 TEACHING TECHNIQUES
 ED132239
 EJ155691
 TEXTBOOKS
 ED129537
 TOLEDO OHIO PUBLIC SCHOOLS
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 EJ155688
 UNDERGRADUATE STUDY
 ED129538
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 EJ151846
 EJ152056
 URBAN ENVIRONMENT
 EJ155690
 VALUES
 ED134448
 ED134449
 VISUALLY HANDICAPPED
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 VOCATIONAL AGRICULTURE
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 EJ147654
 WATER RESOURCES
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 YOUTH CLUBS
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 YOUTH CONSERVATION CORPS
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- Outdoor Education, A Selected Bibliography. (ED 037 285)
- Outdoor Education, A Selected Bibliography. Supplement No. 1 (ED 055 702)
- Outdoor Education, A Selected Bibliography (with ERIC Abstracts). ERIC/CRESS Supplement No. 2 (ED 073 093)
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