Within the last decade, a wealth of literature has appeared debating the merits, use, construction, and interpretation of criterion referenced tests. This is a bibliography of articles on a wide range of topics on criterion referenced testing subjects. Also included are articles on mastery and domain referenced testing. The articles cited were retrieved through searches of five data bases--ERIC, Psychological Abstracts, National Technical Information Service (NTIS), Exceptional Children, and Dissertation Abstracts. A subject index is included. (Author)
CRITERION REFERENCED TESTING: A BIBLIOGRAPHY

Deborah Elena Porter

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ABSTRACT

Within the last decade, a wealth of literature has appeared debating the merits, use, construction, and interpretation of criterion referenced tests. This is a bibliography of articles on a wide range of topics on criterion referenced testing subjects. Also included are articles on mastery and domain referenced testing. The articles cited were retrieved through searches of five data bases—ERIC, Psychological Abstracts, National Technical Information Service (NTIS), Exceptional Children, and Dissertation Abstracts. A subject index is included.

PREFACE

The Educational Resources Information Center (ERIC) is operated by the National Institute of Education, United States Department of Health, Education, and Welfare. ERIC is a national information system dedicated to the improvement of education through the announcement and dissemination of reports such as: conference proceedings, instructional programs, manuals, position papers, program descriptions, research and technical reports, literature reviews, journal articles, and other types of materials. ERIC assists school administrators, teachers, researchers, information specialists, professional organizations, students, and others by identifying and announcing information in two monthly abstract journals: Resources in Education (RIE) and Current Index to Journals in Education (CIJE).

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ABOUT THE BIBLIOGRAPHY

For the past eight to ten years psychometricians, program evaluators, curriculum specialists, teachers, and parents have debated the merits of criterion referenced testing. Some advocates and critics have focused their attention on the psychometric properties of criterion referenced measures while others have been more concerned with the impact of criterion referencing on the student, the curriculum, and the philosophies behind norm referenced and competitive testing.

The citations in this bibliography were obtained in August 1975 by searching five data bases: ERIC (both RIE and CIJE), Psychological Abstracts, National Technical Information Service (NTIS), Exceptional Children, and Dissertation Abstracts.
RIE consists of resumes of educational related documents and indexes to these resumes. CIJE provides an index to the major educational periodical literature through detailed indexing of articles in approximately 700 education and education related journals is provided. ERIC began collecting information for RIE in 1966 and for CIJE in 1969. At the time of the search the data base contained all material announced in RIE and CIJE through July 1975.

Psychological Abstracts, with a data base covering the period 1967 to present, provides summaries of published documents such as technical reports, journals, and monographs in the various fields of psychology. NTIS, with a data base from 1964 to present, is the central source of reports on technology, science, business, and social science produced by hundreds of federal, state, and local government agencies. Exceptional Children, the official abstract journal of the Council for Exceptional Children, focuses on the educational problems of the gifted and the physically, mentally, and emotionally handicapped. This data base covers the period 1966 to present. Dissertation Abstracts International's data base from 1967 to the present, is a massive collection of doctoral dissertations, including a majority of those accepted in North America, plus a growing number of papers accepted at institutions abroad.

The terms used to retrieve the articles cited here were: criterion referenced tests and testing, mastery tests and testing, objective referenced tests and testing, and domain referenced tests and testing.

Citations in the bibliography are organized by: personal or corporate author, title, place of publication, publisher, date of publication, number of pages, and ERIC Document (ED) number. Entries are listed alphabetically by personal or corporate author and are numbered sequentially. Abstracts of articles may be found by referring to the corresponding ED and EJ numbers found in RIE and CIJE. Abstracts of other cited articles may be located by consulting the other three data bases and using the author's name as a point of entry.

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Although ERIC documents and journal articles have an average of 10 to 13 index terms, a maximum of five subject terms have been used in this index. Selection of terms was based on several criteria: index terms previously used for the document or journal article, translated into the ERIC language using the ERIC Thesaurus of Descriptors; the major points emphasized in the abstract, annotation, or original work; and, the key words found in the title of the document or journal article. Because we have been selective in choosing subject terms for each citation, users of this bibliography may wish to refer to the original citation in RIE and CIJE to identify the other subject terms used in indexing.
CRITERION REFERENCED TESTING: A BIBLIOGRAPHY


8 Baker, Eva L. USING MEASUREMENT TO IMPROVE INSTRUCTION. 1972. 8 pages. ED 069 762.


13 Besel, Ronald. USING GROUP PERFORMANCE TO INTERPRET INDIVIDUAL RESPONSES TO CRITERION REFERENCED TESTS. 1972. 10 pages. ED 076 658.


16 Blatchford, Charles H. A THEORETICAL CONTRIBUTION TO ESL DIAGNOSTIC TEST CONSTRUCTION. 1971. 12 pages. ED 055 484.

17 Blumenfeld, Gerald J., and others. EFFECT OF CRITERION REFERENCED TESTING UPON THE USE OF REMEDIAL EXAM OPPORTUNITIES. 1971. 10 pages. ED 049 310.

18 Boehm, Ann E. ASSESSING FOR TEACHING WITH YOUNG CHILDREN. 1972. 9 pages. ED 072 084.


30 Cervantes, Robert A. PROBLEMS AND ALTERNATIVES IN TESTING MEXICAN AMERICAN STUDENTS. April 1974. 23 pages. ED 093 951.


44 Davis, Frederick B. CRITERION REFERENCED TESTS. February 1971. 11 pages. ED 050 154.


47 Dirr, Peter J. INDIVIDUALIZATION OF INSTRUCTION: NOTES FOR THE INDIVIDUAL INSTRUCTION LESSON IN THE INSTRUCTIONAL TECHNOLOGY COURSE FOR TEACHERS. Buffalo, N.Y.: State Univer. of New York at Buffalo, Buffalo College, Educational Research and Development Complex, 1974. 8 pages. ED 094 537


54 Durnin, John H. and Scandura, Joseph M. AN ALGORITHMIC APPROACH TO ASSESSING BEHAVIOR POTENTIAL: COMPARISON WITH ITEM FORMS AND HIERARCHICAL TECHNOLOGIES. 1972. 47 pages. ED 064 896.


57 Edmonston, Leon P. A REVIEW OF ATTEMPTS TO ARRIVE AT MORE SUITABLE EVALUATION MODELS: AN INTROSPECTIVE LOOK. 1972. 11 pages. ED 065 592.


66 Farr, Roger. READING DIAGNOSIS: TRENDS AND ISSUES. March 1971. 10 pages. ED 050 899

67 Ferguson, Richard L. COMPUTER ASSISTANCE FOR INDIVIDUALIZED MEASUREMENT. Pittsburgh, Penna.: Pittsburgh University, Learning Research and Development Center. March 1971. 90 pages. ED 049 608

68 Ferguson, Richard L. COMPUTER ASSISTED CRITERION REFERENCED TESTING. Pittsburgh, Penna.: Pittsburgh University, Learning Research and Development Center, 1970. 20 pages.

69 Finder, Morris. CRITERION TESTS AND STANDARDIZED TESTS. May 1974. 6 pages. ED 092 957
70 Fischbach, Thomas J. STUDY OF RELATIONSHIPS OF READING MASTERY LEVEL TO GENERAL READING ACHIEVEMENT TO VALIDATE DIAGNOSTIC READING TESTS. Madison, Wis.: Research and Development Center for Cognitive Learning. February 1971. 24 pages. ED 049 285


74 Fremer, John. APPLICATION OF CRITERION REFERENCING TO SCHOOLS. November 1973. 18 pages. ED 084 295.


87 Graham, Darol L. AN EXAMINATION OF THE FEASIBILITY OF USING CRITERION REFERENCED MEASUREMENT IN LARGE-SCALE, SURVEY TESTING SITUATIONS. April 1974. 20 pages. ED 093 923.


89 Green, Donald Ross. RACIAL AND ETHNIC BIAS IN ACHIEVEMENT TESTS AND WHAT TO DO ABOUT IT. 9 pages. ED 084 285.


98 Hansen, Lee H. and Hesse, Karl D. AN INTERIM REPORT OF RESULTS OF THE PILOT ASSESSMENT OF READING LITERACY. Madison, Wis.: Wisconsin Univer., Instructional Research Laboratory, 1972. 81 pages. ED 079 704.

99 Harris, Chester W. AN INVESTIGATION OF LIVINGSTON'S RELIABILITY COEFFICIENT FOR CRITERION REFERENCED TESTS. March 1971. 7 pages. ED 058 312.

100 Harris, Chester W. AN INDEX OF EFFICIENCY FOR FIXED LENGTH MASTERY TESTS. April 1972. ED 064 349.


104 Helmstadter, G. C. A COMPARISON OF TRADITIONAL ITEM ANALYSIS SELECTION PROCEDURES WITH THOSE RECOMMENDED FOR TESTS DESIGNED TO MEASURE ACHIEVEMENT FOLLOWING PERFORMANCE ORIENTED INSTRUCTION. September 1972. 16 pages. ED 069 728.


114 Hsu, Tse-Chi. EMPIRICAL DATA ON CRITERION REFERENCED TESTS. Pittsburgh, Penna.: Learning Research and Development Center, February 1971. 17 pages. ED 050 139.

116 Impara, James C. A SYSTEM OF EDUCATIONAL ASSESSMENT IN THE STATE OF FLORIDA. April 1972. 8 pages. ED 063 335.

117 Instructional Objectives Exchange. ENGLISH LITERATURE GRADES 10-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 236 pages. ED 066 738. ($8.00)

118 Instructional Objectives Exchange. ENGLISH LITERATURE GRADES 7-9. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 114 pages. ED 066 737. ($8.00)

119 Instructional Objectives Exchange. LANGUAGE ARTS: COMPOSITION SKILLS K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 241 pages. ED 066 739. ($8.00)

120 Instructional Objectives Exchange. LANGUAGE ARTS: COMPREHENSION SKILLS K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 107 pages. ED 066 740. ($8.00)

121 Instructional Objectives Exchange. LANGUAGE ARTS: DECODING SKILLS K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 142 pages. ED 066 741. ($8.00)

122 Instructional Objectives Exchange. LANGUAGE ARTS: MECHANIC AND USAGE K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 104 pages. ED 066 743. ($8.00)

123 Instructional Objectives Exchange. LANGUAGE ARTS: STRUCTURAL ANALYSIS K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 73 pages. ED 066 744. ($8.00)

124 Instructional Objectives Exchange. LANGUAGE ARTS: STUDY AND REFERENCE SKILLS K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 125 pages. ED 066 745. ($8.00)

125 Instructional Objectives Exchange. LANGUAGE ARTS: TRADITIONAL GRAMMAR K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 107 pages. ED 066 746. ($8.00)
126 Instructional Objectives Exchange. LANGUAGE ARTS: TRANSFORMATIONAL GRAMMAR K-12. Los Angeles, Calif.: Available from Instructional Objectives Exchange, P.O. Box 24095, Los Angeles, California 90024. 1972. 207 pages. ED 066 747. ($8.00)


130 Jackson, Rex. THE DEVELOPMENT OF A COLLECTION OF ADULT TASKS FOR ASSESSMENT OF LITERACY. April 1972. 10 pages. ED 061 023.


133 Johnson, Rita B. "Objectives Based Accountability Procedures for Classroom Use." EDUCATIONAL TECHNOLOGY, June 1971, Vol. 11, No. 6, pages 49-51.


137 Kennedy, Beth T. THE ROLE OF CRITERION REFERENCED MEASURES WITHIN THE TOTAL EVALUATIVE PROCESS. April 1972. 4 pages. ED 065 590.

139 Klein, Stephen P. *ONGOING EVALUATION OF EDUCATIONAL PROGRAMS.* September 1972. 12 pages. ED 069 725.


144 Koos, Eugenia M. and Chan, James Y. *CRITERION REFERENCED TESTS IN BIOLOGY.* Kansas City, Mo.: Mid-Continental Regional Educational Laboratory, Inc. April 1972. 14 pages. ED 062 399.


158 Livingston, Samuel A. A CLASSICAL TEST THEORY APPROACH TO CRITERION REFERENCED TESTS. 1972. 12 pages. ED 069 624.


160 Lucow, William H. HUMANIZING EDUCATION THROUGH CONTINUOUS ANALYSIS OF PUPIL PROGRESS. April 1973. 8 pages. ED 087 420.


165 Massachusetts State Department of Education, Boston. MASSACHUSETTS APPLICATION OF NATIONAL ASSESSMENT ITEMS IN CITIZENSHIP AND SCIENCE. 1972. 6 pages. ED 075 490.

166 Massachusetts University, Center for Occupational Education, Amherst. EVALUATION SERVICE CENTER FOR OCCUPATIONAL EDUCATION. FINAL REPORT. 1972. 136 pages. ED 085 541.


170 Meredith, Keith E. and Sabers, Darrell L. USING ITEM DATA FOR EVALUATING CRITERION REFERENCED MEASURES WITH AN EMPIRICAL INVESTIGATION OF INDEX CONSISTENCY. November 1972. 12 pages. ED 073 125.


174 Milwaukee Public Schools, Wisconsin. PROCEDURES FOR PROGRAM EVALUATION. PLANNING DOCUMENT 4. ROUGH DRAFT. 1972. 8 pages. ED 077 973.

175 Morgan, James P. and Keiter, M. Roberta. APPLICATION OF NAEP WRITING ASSESSMENT PROCEDURES IN MONTGOMERY COUNTY, MARYLAND. SUMMARY. Rockville, Md.: Montgomery County Public Schools, 1972. 5 pages. ED 074 079.


195 Nelson, Jerald and Drennan, Margaret. FROM THEORY TO CURRICULUM: THEN (AND ONLY THEN) EVALUATION. 1971. 20 pages. ED 054 227.

196 Newmark, Gerald, and others. THE DEVELOPMENT OF CRITERION REFERENCED TESTS IN FOUR SKILLS FOR FIELD TESTING THREE APPROACHES TO TEACHING SPANISH IN ELEMENTARY SCHOOLS. Santa Monica, Calif.: System Development Corporation, 1966. 2 pages.

197 Nicolich, Mark, and others. DEMONSTRATION OF TECHNIQUES FOR OPTIMIZING THE USE OF CRITERION REFERENCED ACHIEVEMENT TESTS IN CHILDREN ENROLLED IN A DAY CARE CENTER. 1974. 12 pages. ED 090 313.


203 Oakland, Thomas. AN EVALUATION OF AVAILABLE MODELS FOR ESTIMATING THE RELIABILITY AND VALIDITY OF CRITERION REFERENCED MEASURES. April 1972. 7 pages. ED 065 589.


211 Ozenne, Dan G. TOWARD AN EVALUATIVE METHODOLOGY FOR CRITERION REFERENCED MEASURES: TEST SENSITIVITY. Los Angeles, Calif.: Univer. of California at Los Angeles, Center for the Study of Evaluation, 1971. 96 pages. ED 061 163.


220 Plinsky, Paul D. ACHIEVEMENT MONITORING OF INDIVIDUALLY PACED INSTRUCTION. FINAL REPORT. Redwood City, Calif.: Sequoia Union High School, 1973. 31 pages. ED 092 175.


224 Popham, W. James, and others. OF MEASUREMENT AND MISTAKES. 1973. 6 pages. ED 078 020.


229 Proger, Barton B., and others. ADAPTING CRITERION REFERENCED MEASUREMENT TO INDIVIDUALIZATION OF INSTRUCTION FOR HANDICAPPED CHILDREN: SOME ISSUES AND A FIRST ATTEMPT. 1972. 24 pages. ED 064 354.


235 Randall, Robert S. CONTRASTING NORM REFERENCED AND CRITERION REFERENCED MEASURES. April 1972. 11 pages. FD 065 593.


238 Rim, Rui-Do and Bresler, Samuel. LIVINGSTON'S RELIABILITY COEFFICIENT AND HARRIS' INDEX OF EFFICIENCY: AN EMPIRICAL STUDY OF THE TWO RELIABILITY COEFFICIENTS FOR CRITERION REFERENCED TESTS. 1974. 21 pages. ED 091 432.


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<td>Schriber, Peter E.</td>
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<td>1971</td>
<td>11</td>
<td>ED 053 181</td>
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Sciara, Frank J. CRITERION REFERENCED TESTS - A NEW PROMISE FOR OLD PROBLEMS IN MIGRANT EDUCATION. 1972. 5 pages. ED 057 984.


266 Southeastern Education Laboratory. CRITERION REFERENCED TEST. SEL/PROJECT LANGUAGE, LEVEL II, KINDERGARTEN. Atlanta, Ga.: Southeastern Education laboratory, 1971. 4 pages. ED 055'748.


275 Tenenberg, Morton S. "THE USE OF A CRITERION BASED PERFORMANCE TEST IN REVISING A SOCIAL STUDIES CURRICULUM." 1970. 6 pages. ED 049 988.


294 Wilson, H. A. A HUMANISTIC APPROACH TO CRITERION REFERENCED TESTING. Denver, Colo.: Education Commission of the States, National Assessment of Educational Progress, 1972. 21 pages. ED 081 842.


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