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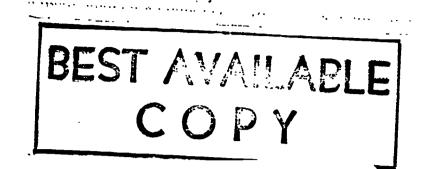
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ABSTRACT .

Performance models for re-educating certified urban teachers in multicultural dimensions were developed based upon: (1) the concept that colleges and instructors should adapt to the students; (2) critiques of the whole system of education given by multi-ethnic students of the five Consortium colleges; and, (3) interviews with talented scholars with various racial and ethnic backgrounds. The models developed covered the following: (1) language aspects of culture; (2) motivational patterns rooted in culture; (3) culture impacted learning style; (4) time orientation; (5) patterns of family relationships; (6) cultural sexual aspects; (7) folkloria; and, (8) special rites; and customs. Each model was based upon a systems approach flow chart and specified student need, objectives, media, and criterion measures. The Director submitted these eight models to eight representatives of different cultures for rating. The models were scored by their raters for "applicability," "implementability," and "cultural acceptability." Kendall's coefficient of concordance was then applied to discover the degree to which the raters were in agreement with respect to the terms Excellent, Good, Fair, and Poor, as applied to the models. For the models in total and for the factor "implementability," there was agreement in the worth of the models at a five percent level of significance. [This document has been reproduced from the best available copy.] (Author/JM)



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VALIDATING PERFORMANCE MODELS FOR RE-EDUCATING CERTIFIED URBAN TEACHERS IN MULTICULTURAL DIMENSIONS

Sister Gilmary Best (Marygrove College)

Mercy College of Detroit Detroit, Michigan

July 31, 1972

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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ABSTRACT

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and instructors should adapt to the students; 2. Critiques of the whole
system of education given by multi-ethnic students of the five Consortium
colleges; and 3. Interviews with talented scholars with various racial and
ethnic backgrounds. The models developed covered the following: 1. Language
Aspects of Culture; 2. Motivational Patterns Rooted in Culture; 3. Culture
Impacted Learning Style; 4. Time Orientation; 5. Patterns of Family Relationships; 6. Cultural Sexual Aspects; 7. Folkloria; and 8. Special Rites and
Customs. Each model was based upon a systems approach flow chart and specified,
Student Need, Objectives, Media, and Criterion Measures.

The Director submitted these eight models to eight representatives of different cultures for rating. The models were scored by their raters for Applicability, Implementability, and Cultural Acceptability. Kendall's coefficient of concordance was then applied to discover the degree to which the raters were in agreement with respect to the terms Excellent, Good, Fair, and Poor, as applied to the models.

For the models in total and for the factor <u>Implementability</u> there was agreement in the worth of the models at a 5% level of significance. For the other two factors the agreement was positive but non-significant.

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INTRODUCTION

Since the very beginnings of cultural anthropology, scientists have been accumulating a computer-sized data bank about cultural facets of language, rituals, food-customs, family styles, and folklore. Strangely enough the investigations have usually involved primitive societies, isolated island groups, and cultures on the verge of extinction. The affects of culture, as they operate in huge multicultural metropoles, however, are only now receiving some long-needed attention.

Unfortunately, the new thrusts, with respect to these studies of culture and subculture in the schools, have tended to focus on children of various cultures in segregation. Most of the school programs issuing from these studies, have, moreover, been based on the concept of "compensatory" education. Hopefully, however, we are moving away from this framework of compensatory education for children of various cultures to compensatory education of teachers, who should be providing at least adequate learning situations for their culturally pluralistic classrooms. In the avant-garde of this movement is the AACTE Commission on Multicultural Education:

Members of the Commission feel strongly that multicultural education should not be construed as compensatory in nature. To do so is to assert that one culture is superior to another and that the task is to make the interior culture as much like the superior one as possible. 1

Some facets of the idea are now being implemented in the teacher-training programs for pre-service students of teaching. The teachers, however, who already have the children, have been trained, in general, by conventional professors in conventional verbal-teaching modes. If the Coleman Report has any application, it is in this area, for if "teachers make more difference than any other characteristic about school," then quality teachers, who are also culturally-compensated teachers should make a "wide-angle" difference.

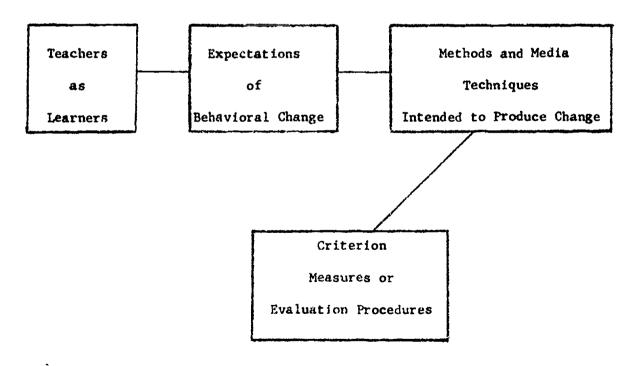
STATEMENT OF THE PROBLEM

It is a known fact, however, that even all-out efforts of white middleclass oriented institutions are often not acceptable to the minority groups towards whom they are directed. Also, even experienced quality teachers cannot be re-educated to every teaching-aspect of every culture, and, our cities are "every culture." It has been the purpose of this study, therefore, to discover:

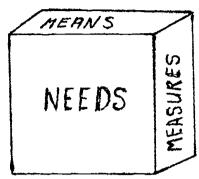
- 1. if a set of performance objectives for the re-training of experienced teachers in multicultural school systems can be devised which could be subscribed to by talented scholars of several minority groups, e.g., Black Americans and Mexican Americans. (Defined in the remainder of the study as APPLICABILITY.)
- 2. if a corresponding set of re-learning experiences for attaining these objectives can be described which would be acceptable to the same several scholars. (IMPLEMENTABILITY)
- if a program of re-educating in-service teachers in multicultural dimensions, based upon these models, would be acceptable to the same several minority group scholars. (CULTURAL ACCEPTABILITY)

In the pursuance of these purposes, the investigator sought to isolate, through a search of the literature, and through consultation with members of various 'interior culture' groups, a number of broad areas which would seem to be strategic. Eight such areas emerged: Language Aspects of Culture, Motivational Patterns Rooted in Culture, Culture-Impacted Learning Styles, Patterns of Family Relationships, Folkloria, Time Orientation, Cultural-Sexual Aspects, and Special Rites or Customs.

These eight areas were then further developed into performance models which could be visualized as follows:



The models were designed to bring about the relationships shown graphically above and to produce a three-dimensional thrust when applied in teaching-learning situations.



A Rationale for the specific area of each model was developed and the eight models with their rationales were submitted to eight multicultural representative scholars. (For their names, see page 4)

Each set of models was to be rated "Excellent, Good, Fair, or Poor" for APPLICABILITY, IMPLEMENTABILITY, and CULTURAL ACCEPTABILITY as defined above. (For directions to raters, see page 5)

The eight consultant raters were as follows:

Dr. Richard James, co-director of the AACTE-University of Pittsburgh joint Urban Educational Leadership Development Project, and staff officer for the Commission on Multicultural Education (Black American).

Dr. Charles F. Leyba, Member AACTE Commission on Multicultural Education; Associate Professor of Education, California State College at Los Angeles (Mexican American).

Dr. Manuel Ramirez III, Ph.D., Associate Professor of Mexican-American Studies and Psychology Director Bicultural/Bilingual Project, University of California, Riverside (Mexican American).

Dr. William S. Billups, Regional Superintendent, Detroit Public Schools (Black American).

Mr. Frank Lozano, Doctoral Student in Mexican-American Studies for Detroit Area, Regional Assistant, Detroit Public Schools (Mexican American)

Dr. Elmer McDaid, Assistant Superintendent of Division for Improvement of Instruction, Detroit Public Schools (White American).

Mr. Paul Johnson, Doctoral Student at University of Michigan, prominent member of MEDI Society. (Chippewa Indian).

Mr. Roosevelt Richardson, Director, College Prep Program, Mercy College of Detroit (Black American).

Other persons consulted were as follows:

Dr. Desmond Noonan, Assistant Superintendent, Allentown Public Schools, Allentown, Pennsylvania.

Mrs. S. P. Montz, Coordinator of Minority Group Education, Bethlehem Public Schools, Bethlehem, Pennsylvania

Dr. Micheal Massorati, Assistant Professor, College of Education, University of Wyoming

Dr. Henry Pacheco, Ethnic Cultural Media Center, University of Wyoming

Mr. John Warren, Arapahoe Indian

Mr. Leroy Lincoln, Shoshone Indian

Each Rater (see following page) was given each Model and its explanation together with this set of directions.

<u>DIRECTIONS</u> for Rating the Eight Performance Models for Re-Educating Certified Urban Teachers in Multicultural Dimensions.

- 1. There is a brief introduction and general rationals.
- 2. Preceding each of the Models (pp 4, 6, 8, 10, 12, 14, 16, 18 respectively) there is a particularized rationale.
- 3. Each model has the same format:
 - A. The teacher-learner with a need
- B. The new behaviors he should achieve (Performance Objectives)
- C. The means that will be used to achieve these goals (Learning Array)

- D. The evaluative procedures (Criterion Measures)
- E. A rating scale
- 4. The rating scale consists of three phases, each of which may be rated Excellent, Good, Fair, or Poor.
 - A. <u>Cultural Appropriateness</u>: how appropriate, how applicable is the model <u>in general</u> for guiding teachers to achieve a many-culture perspective? (The Performance Objectives are the focus elements here.)
 - B. <u>Implementability</u>: Do the means (Learning Array) for each seem possible, practical, and sufficiently capable of being coordinated?
 - C. <u>Culture-group acceptability</u>: How do you think individual culture group members would feel about teachers receiving such a training?
- 5. In studying the Objectives and the Learning Array of each, please keep in mind that the "e.g.'s" are random selections, illustrative only, and do not exhaust or limit the examples to be used.

LANGUAGE ASPECTS OF CULTURE

The first of these, the Language Aspects of Culture, seems to be basic, for, since language is a complex system of rule-governed sounds, facial clues, and body gestures, it may differ radically from culture to culture. Linguistically different children, in the same classroom, therefore, may be misinterpreted by their teacher or peers and may, in turn, misinterpret teacher and peer group.

Since a teacher in a multicultural classroom cannot be expected to learn total language systems for each culture present, the following basic areas were detailed: 1. Language-based concepts of various cultures as reflected in certain key-concept words; 2. Culture bridging terminology, such as - borrowed words, interference words, diffused forms and phonological variations; and 3. Some selective knowledge of dialect-based syntaxes.

While studying this model, two ideas must be assumed: 1. that standard English is a kind of universal dialect that can be understood by all speakers of English, whatever their dialect - and - 2. that speakers of non-standard English (the student) can understand standard English better than speakers of standard English (most teachers) can understand non-standard dialects.

MODEL ONE: LANGUAGE ASPECTS OF CULTURE

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THE TEACHER-LEARNER

PERFORMANCE OBJECTIVES

with need to:

The teacher of a multicultural classroom will be able:

. Understand certain multicultural linguistic concepts

capping, aces, fox, tough.

malinchismo, machismo,

- 2. Be able to respond to multicultural linguistic expressions of students.
- l. To interpret certain keyconcept words of various different cultures in the mode meant by each culture:

 e.g., Chicano, bolillo, estiempo, mal (de) ojo, inditiems, mestizo, La Raza,
- To interpret culture-correctivated and to accept certain "interference" words, "loanwords," and phonological variations: e.g., bootwboo, poorwpokewpope, cranquemerank, chansamchance; sixesick, helpwhep; r-lessness and 1-lessness; 11, ch, and n substitution sounds.
- To interpret and accept syntactical differences in which standard English clues of subject, verb, and prepostion are changed: e.g., possessive deletions; verb suffixes; variable use of "be"; idiomatic expressions.

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LEARNING ARRAY

1. Field experiences in neighborhoods, schools, nursery schools, ethnic-group meetings.

- Coordinated lectures by Mexican and Puerto-Rican Americans, Black Americans, Appalachlan-background American Indians, and other highdensity ethnic representatives, e.g., Polish, Oriental, and Maltese.
- . Indirect experiences in the form of films, sound filmstrips, video and audio recordings and readings.
- . Interviews with students of various ethnic backgrounds.
- 5. Compilation of linguistic key-words and phrases, key hidy-clues and gestures.

CRITERION HEASURES

- 1. Video-taped
 sequences of the
 teacher-learner
 interacting linguistically with multiethnic pupils for
 joint student-learner and supervisor
 evaluation.
- Teacher-learners group sharing of field experiences in the linguistic area.
- 3. Brief pencil-paper tests of knowledge of key-concept words and phrases and nonverbal clues of communication

Culture-group acceptability

Exc. Good Fair Poor

// // //

Implementability

Culture-group acceptability

MOTIVATIONAL PATTERNS ROOTED IN CULTURE

The second area identified as strategic in the re-education of teachers in multicultural dimensions is that concerned with motivational patterns rooted in culture. Members of minority group cultures are often caught up in a static circle of aspirational, educational, and economic poverty with respect to the expectations of the anglo-middle-class-oriented school system. Within their own culture, however, there are distinct psycho-social experiences of living which the school must build upon and adapt to, which furnish cultural-rooted reasons for learning. Some major breakdown of these motivational patterns which emerge are:

- 1. "Recognition"-sources (whose approval counts)
- 2. Competition as a source of motivation
- 3. Culture-based "heroes" as models
- 4. Levels of Aspiration
- 5. Ascendancy Patterns

8

MODEL TWO: MOTIVATIONAL PATTERNS ROOTED IN CURTURE

PERFORMANCE OBJECTIVES THE TEACHER-LEARNER

to be able to the need vith

The teacher in a multicultural

classroom should be able:

counts) which he, as a teach-

To state the "recognition"

sources (whose ap, roval

er, may use as appeal-sources

in the teaching-learning

situation, e.g., "family" in some cultures, "mother" in

1. understand and

learners, which stem from their learning situmotivational backgrounds. ations, the patterns of apply, in differing cultural

heroes of any cultural groups

for use as models and movers

in learning situations, e.g., Cesar Chavez, Ben Reifel, and James Farman, Elridge Cleaver

Luts Valdez, Dudley Randall,

Joe Powsky, Jose Gutterrez,

To place competition-exploit-

e.g., some cultures are non-

the culture-base demands,

competitive, others highly

competitive,

work, omitting or using, as

ation in the proper frame-

To discover the culture-based

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LEARNING ARRAY

- competition, and some measurable ascendancy patterns, effects of facets of levels of aspiration. cultural schools to observe Experiences in local multi-
- cultural areas of city to discover Field experiences in local the local "heroes.
- aggressive-recessive dimensions). administered to various students Observation of CAI or TAI tests (focus on items relating to
- sociologists on various factors Indians, etc., who are trained Americans, Mexicans, American Coordinated lectures by Black in motivation.
- produced modern literature: e.g., Read widely in true culture-El Grito, Soul on Ice, etc.
- Projected media dealing with all or any of the above.

CRITERION MEASURES

- sequences of teacherknowledge of motivation of video-taped Teacher-learner and learning situations supervisor evaluarearner employing tional factors in various cultures. with children of
- motivation as applied to cultural groups. Pencil-paper tests models, theory of of recognition of cultural-hero-
- e.g., charts, biblietc., produced by the ographies, slides, teachers; simed at Individual producfilm, audio-tapes, students or demontions or projects, learner knowledge strating teachermotivation for

from various culture groups. aspiration of individuals To assess the levels of

To recognize culture-rooted

ascendancy patterns.

Cultural Appropriateness

Fair

Good

Culture-group acceptability

Implementability

CULTURE IMPACTED LEARNING STYLES

Before approaching the third area identified as strategic in compensatory education for teachers, culture-impacted learning styles, three major concepts must be accepted --

- 1. Children of minority cultures can learn as readily as those of a given majority culture because the neurological bases for learning are the same from culture to culture.
- 2. That there are stimuli in the minority culture environment from which concepts necessary for bridging to the learning situations can be derived.
- 3. There is a greater need in students from minority cultures for a mediator of learning to adapt the learning environment to the learning needs of those students.

MODEL THREE: CULTURE IMPACTED LEARNING STYLE

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| CRITERION MEASURES | 1. Paper-pencil tests of verbal knowledge of theory and learn- ing styles. | 2. Evaluation by supervisor of teacher-learner in building | adaptive learning situations; e.g., a complete package of objectives, media, and criterion measures for a given real culture-based | ei . | | Good Fair Poor | |
|------------------------|--|--|--|--|--|---|--|
| LEARNING ARRAY | . Observational and participa- tional experiences with students of diverse cultures to "discover" learning styles characteristic. | | Field experiences in mini- teaching situations devised teacher-learners to fit spilearning styles. | . Research using both print and non-print media as data resources . Small group pooling of findings and techniques. | | Exc. Guitural Appropriateness / Implementability / Culture-group acceptability / | |
| l | <u>-i</u> | . 2 | m m | 4 2 | | ្រឹត្តប | |
| PERFORMANCE ORJECTIVES | The teacher in a multicultural classroom should be able: | | characterized as: highly psychomotor; visual-perceptual rather than aural-perceptual; tactile and kinesthetically oriented; problem-centered rather than content-centered; | and rewards; deductive rather than inductive; single-task oriented; more slowly paced. situations based 2.To adapt school-learning on those defined situations to these characteristics whenever present. | 3.To recognize and build on areas of experiential back-ground, which may be spring-boards for learning situations requiring an elaboration facility, e.g., oral and/or | Written composition, discussion, controversy, etc. | |
| THE TEACHER-LEARNER | H 22 4 | ` | | 2 2 | | | |

TIME ORIENTATION

We live in a speed-oriented society. The dominant culture demands
"Instant Coffee," "Instant Re-play," and in school situations, "Speed Learning".
On the other hand, the same dominant culture looks on the past as the foundation for its present fortunate condition. Children in this dominant society are taught to look forward to careers and earning power commensurate with their past and present. Cultural minority groups in America, however, do not have:

- 1. A U.S.A.-rooted "glorious past".
- 2. A cultural springboard to a "glowing future".
- 3. A culturally-developed demand for speed.

In schools geared to a highly developed speed-system and curriculum, students not so oriented will inevitably be stigmatized as "slow learners". It is imperative, therefore, that teachers in multicultural classrooms come to understand the time orientation of their students and use this factor to the advantage of the same students.

MODEL FOUR: TIME ORIENTATION

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| THE TEACHER-LEARNER | R FERFORMANCE OBJECTIVES | LEARNING ARRAY | CRITERION MEASURES |
|---------------------------------------|--|---|---|
| with the need | The teacher in a multicultural classroom should be able: | 1. Coordinated lectures by several psychologists with varying | 1. Evaluation of a plan for, and a produc- |
| to: | 1. To identify the sources of | cutcural backgrounds. | tion of, a mini- teaching situation |
| | and reasons why some children | 2. Experimentation with self- | based on principles |
| understand the | in minority cultures are: | duced | #2 and #3 of the |
| time orientation | oriented; b. unable to delay | rates and housing manimulation | Learning Array. |
| or his student | gratification; c. geared to | of fumediate or long-term goals. | 2. Report on reactions |
| | a slower approach to problem- | | |
| T T T T T T T T T T T T T T T T T T T | solving, e.g., historical | 3. Search of psychological litter- | under different |
| | perspectives; values such as | ature for specifics of: | speed-oriented learn- |
| use this under- | :: | entation; b. span | ing situations. |
| standing to the | low career expectations, etc. | | |
| , | | extinction of responses. | 3. Group analysis of |
| | 2. to adapt learning situations | | reasons for differ- |
| advantage of | | 4. Direct observation of students' | ing time orientation |
| those same | fumediate reinforcem | reactions in speed-learning | of different local |
| students | b. change of pace and task; | situations. | |
| | c. reality rooted problems. | | |
| | | 5. Indirect observations of children | |
| | 3. To discover the psycholog- | under different speed-tasks | |
| | ical advantages to approach- | through videotapes, films, | |
| | ing problem-solving at a | | |
| | slower pace. | | |
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| | | | Tood Tiel Book |
| | | , | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | Cultural Appropriateness ' | , |
| | | Implementability / | |
| | | Culture-group acceptability / | |
| 1 | | | |
| 13 | | | |
| | | | |

PATTERNS OF FAMILY RELATIONSHIPS

The fifth area which emerged as a key aspect of compensation-education for urban teachers was Patterns of Family Relationships. Within the family, individuals structure their personal values, self-concepts, and views of their own culture and the wider society in which they live. In seeking to re-base teaching competencies within a framework of culture, it is necessary, therefore, to know the general description of varied family patterns, which form the background of the pupils in a given multicultural classroom. Again, certain premises need to be posited before approaching the following model:

- 1: Within any specific culture, there are widely varying classes and structures of "family" -- but
- Each culture-rooted family has developed, within the framework of its cultural history, patterns in common, with other culture-same families -- and
- 3. It is possible, then, to study some of these commonstities.

MODEL FIVE: PATTERNS OF FAMILY RELATIONSHIPS

- Proposition

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| THE TEACHER LEARNER | PERFORMANCE OBJECTIVES | LEARNING ARRAY | CRITERION MEASURES |
|---|---|--|--|
| with the need to know the | The teacher of a multicultural classroom will be able: 1. To recognize and restate some basic sociological terms with research to family structures. | 1. Living in the neighborhood for an extended time or with a family for a shorter time. 2. Coordinated but informal group | 1. Role playing and simulation production of a given family with a given problem. (will be |
| structures and patterns of | respect to maily structures, e.g.: equalitarian matriarchal, patriarchal, nuclear family, extended family, augmented family, etc. | discussions with representatives from families of different subsystems. 3. Coordinated lectures by sociologists of different cultures. | video-taped and replayed for evaluation.) 2. Pencil-paper test of key words and phrases descriptive |
| family relationships of the students in his multicultural classroom | | 4. Interaction with various forms of non-human media (print and non-print) for amplifying and coordinating knowledge from above human sources. | of family structures and family values. |
| 15 | 3. To discover and state values arising from those various family social systems, e.g.: sense of peoplehood, cultural dignity; conduit for cultural heritage and life styles; stable unit for styles; stable unit for stabilizing society, etc. | Cultural Appropriateness / Implementability Culture-grot: acceptability | Good Fair Poor |

CULTURAL-SEXUAL ASPECTS

Sex-role aspects are an integral part of family relationships, growing from the family and contributing to its structure. Because of wide attitudinal diversities between cultures, however, it seems relevant to focus on these in a separate model. For example, the Mexican-American and Puerto Rican family structures very clearly define the male and female roles. Black American family structures may vary, however, from the attenuated family with the mother fulfilling both sale and female roles with respect to the children, to the equalitarian family with equal emphasis on each sex role. In reviewing the following model, it is also necessary to stress, that among all people of all American cultures, there is a growing young-old culture gap, with respect to family, sex, and sex role.

CULTURAL SEXUAL ASPECTS MODEL SIX:

Poor CRITERION MEASURES representatives of Written report of younger and older results of strucadjusted plan to tured interview Fresentation of results between fellow Teacherthe same given comparing the Learners for evaluation, Fair culture. Good Indirect experiences with respect given lesson with techniques of Research in related literature. local culture but adjusting to Comparative, structured interrepresentatives of given local assignments geared to a given Work out a detailed plan of a sex-role patterns of students views with younger and older to sex-role concepts through motivation, procedures, and Exc. Culture-group acceptability_ Coordinated lectures by various forms of media. cultural-representative LEARNING ARRAY Cultural Appropriateness Implementability sociologists. cultures. involved. ۲: رن traditional cultural pattern The teacher of a multicultural To orient those patterns in of sex roles, with respect tional cultural in younger To discern the attitudinal tures from the traditional motivational techniques to people of the various cul-To adjust assignments and puptls (may be the tradtcultural in adolescent). to home, career, labor, divergence of the young the actual views of the PERFORMANCE OBJECTIVES children, the divergent To discover the local. education, and public classroom will be able: their historical and cultural frameworks. involvement. patterns. 2: 4 THE TEACHER LEARNER younger members) (as well as the as they diverge several differof the dominant the importance of the varying role tuages in from the views To understand various local To accept the views of the ent cultures views of the male-female a need with culture. culture,

FOLKLORIA

Although the folkloria of any country or culture are not history in any true sense of the word, they are indirect reflections of the tone of thought, customs, and conditions of the times to which they belong. Unlike the term fulk tales, folkloria include (beyond myths and legends) jokes, proverbs, riddles, taunts, greetings, dance, song, medicine, games, gestures, metaphors, poetry, and other forms capable of oral transmission. To understand the folkloria of a culture, is to come to a "feeling" for the culture. And, since, according to William Bascom, "... folklore serves to sanction and validate religious, social, political, and economic institutions...", it seems imperative that teachers who are committed to the concept of the multicultural classroom should consider the folkloric dimensions of culture as extremely important.

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William R. Bascom, "Folklore and Anthropology," <u>The Study of Folklore</u>, Ed.;
 Alan Dundes (Englewood Cliffs, N.J.: Prentice-Hall, Ind., 1965), p. 26

MODEL SEVEN: FOLKLORIA

1

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THE TEACHER LEARNER

the need with

develop a "feeling" for the nodes of thought customs, and aesthetic

folk-heritage

of several

different cultures

PERFURMANCE OBJECTIVES

The teacher in a multicultural

classroom should be able:

- characters, motifs, rituals, etc., within the historical influence, Origins rituals, Trickster-Hero, the Grandmother Spider, the Gullah framework of the cultural adivenanzas, positive and The heritage of the several negative control-signs. To place certain folkdifferent cultures: curandero, corridos,
- To explore some evidence of Maya-Toltec, and the Eight Nations folkforms in relawith respect to the Afro, diffusion and stability, tion to Eurasian forms.
- dances, and folk heroes of local street myths, songs, To discover some of the the immediate cultureenvironment. e,
- knowledges for building To make use of these learning situations.

LEARNING ARRAY

Individual research of authen-

tic sources, documents and

documentaries (print and

- CRITERION MEASURES
- of the metropolitan multi-media exhibit featuring folkloria Production of a area.

non-print including recording,

folkloria of local cultural

groups.

films, etc.) on specific

Group sharing with respect to various felkloria invesaspects of the rigated. 2

> Conversations with the older members of the several local

culture groups.

Group production of folding wall chart stability of folk forms studied. diffucton and filustrating ń

Planned visits to the Historical

3

Museum, Children's Museum,

Art Institute, the International

Institute, etc.

Guidance through some of these

4

specific activities by an authoritative folklorist.

acquired folklore. of learning situa-Individual models tions built on 4.

representatives of New Detroit,

Consultation with cultural

Š

Poor Pair Good Culture-group acceptability_ Cultural Appropriateness Implementability_

SPECIAL RITES AND CUSTOMS

It is the general consensus of developmental psychology specialists that early childhood is the time of life when attitudes, values, beliefs, and biases take shape and form. Most children are almost totally within the framework of their own culture from the first three to five years of their lives. When they come to school, therefore, their beliefs and values expressed in certain rituals and customs are already germinally formed. An understanding of these as rooted in church affiliations and celebrations, in family traditions of food, dress, and entertainment, in courtship and dating customs, and in historical components is necessary for a true rapport between teacher and student. The following model, therefore, is both integral and integrating for enabling the teacher to meet his students in their total personality perspectives.

MODEL EIGHT: SPECIAL RITES AND CUSTOMS

j.

I

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THE TEACHER LEARNER F

with the need to know: 1. Some of the basic but diverse religious beliefs of his student.

2. Some of the traditional family customs, rites, and celebrations.

3. Some of the ethnic group patterns of food, dress, and social

exchange.

PERFORMANCE OBJECTIVES

The teacher in a multicultural classroom should be able:

- of the main developments of the main developments of the religious transformations of local culture groups: e.g., Afro-Christian; Maya Hextic-Catholic; intact World Views -- impaired World
- To name and explain the ideas behind certain forms of religious rites and customs:
 e.g., arousement worship;
 personality cults; ceremonial Pow Wow; Virgen de Suadalupe; Spiritualism.
- 3. To name and accept different kinds of family food styles and clothing preferences.
- To discover the culturerooted, culture-acceptable forms of social exchange: e.g., amusements; partyforms; dating and courtship.

LEARNING ARRAY

Take part in the religious services of several different local cultural groups. . Interview the religious leaders of these services.

- 1. Research the bistorical perspectives of present religious affiliations and beliefs through print and non-print media.
- 4. Presentations by leaders of some of the new aspects of religion: e.g., Black Muslims and West Coast Coast Coalition of Priests and Sisters.
- . Be invited by homemakers within the various cultures for typical family meals.
- 6. Group discussions involving local cultural-diverse representatives of families.

CRITERION MEASURES

1. Production of a cross-media program of local religious and family celebrations.

2. Production and showing of charts
depicting: a. historical development
of religious
transformations;
b. adaptations of
costume transformstions.

of a multicultural dictionary of key customs, rituals, and beliefs of local groups.

Cultural Appropriateness / / / / /

Culture-group acceptability_

Poor

VALIDATING PROCEDURES

Statistical Analyses

Eight judges were asked to rate each of the eight models on the bases of three criteria: applicability, implementability, and cultural acceptability, assigning a score of 1, 2, 3, or 4 within each category. The total score assigned by an individual judge to a given model could thus vary from a low of 3 (1, 1, 1) to a high of 12 (4, 4, 4). Since the scores represent an ordinal measurement, the appropriate analysis is that of ranks.

There were two questions to be asked:

- (1) Do the judges show any communality of judgement, that is, are they using the same criteria for judging?
- (2) And if so, what represents the best estimate we can make of the true ranking of the models?

Since, to answer question one above, it was necessary to determine the degree of association between multiple sets of variables simultaneously, Kendall's Correlation Coefficient of Concordance was used:³

(1)
$$W = \frac{12S}{m^2 (n^3 - n)}$$

(2) Corrected for ties

Wc =
$$\frac{12S}{m^2 (n^3 - n) - m \sum_{T_1} T^1}$$

where S represents the sum of the squares of the deviations from the mean rank, m represents the number of judges, n represents the number of models, and m T represents a correction for the presence of tied rankings. W,

itself, measures the degree of agreement among \underline{m} judges ranking \underline{n} individual items.

Kendall shows that when judges are in perfect agreement, W=1 and the greater the level of disagreement among the judges, the closer W is to 0^1 . W can be corrected for the presence of tied rankings and is then related to the average Spearman coefficient between the m possible pairs of observers by the formula:

To test the significance of W Table A-20 of Champion's work, Basic Statistics for Social Research was consulted.⁵

To answer question two on the previous page, Kendall demonstrates that if W has been found to be significant, then the best estimate of true ranking is given by ranking the models according to the sums of the ranks allotted by the judges. 6

(See Tables I, II, III, and IV)

- 1. Based on W corrected for ties (and using the table from Champion), there was a significant measure of agreement (5%) among the judges in ranking the models relative to the total scores for all three properties. In this case, the best estimate for ranking the models is:
 - VII. Folkloria
 - VIII. Special Rites and Customs and V. Patterns of Family Relationships (Tied)
 - III. Culture Impacted Learning Style and IV. Time Orientation (Tied)
 - II. Motivational Patterns Rooted in Culture
 - VI. Cultural Sexual Aspects and I. Language Aspects of Culture (Tied)
- 2. Based on W corrected for ties (and the same table from Champion) there is a significant level of agreement among the judges in ranking the models relative to Implementability (5%). In this case the best estimate for ranking the models according to their Implementability is:
 - VII. Folkloria
 - VIII. Special Rites and Customs
 - IV. Time Orientation
 - I. Language Aspects of Culture
 - V. Patterns of Family Relationships
 - II. and III. Motivational Patterns Rooted in Culture and Culture Impacted Learning Style (Tied)
 - VI. Cultural Sexual Aspects

Although not statistically significant, there was agreement among the judges with respect to Appropriateness close to the 10% level. The rankings for this category are: V, VII, III, VI, (IV and VIII), II, and I.

TABLE I

RANKINGS FOR THE MODELS DERIVED FROM TOTAL SCORES

| R | I | II | III | IV | y | VI | VII | VIII |
|----------------|------|-------|------|-------------------|------|------|-------|-------|
| | | | | | | | | |
| 1 | 7.5 | 3.5 | 3.5 | 5 | 6 | 7.5 | 1.5 | 1.5 |
| 2 | 2.5 | 6 | 7 | 5 | 2.5 | 4 | 1 | 8 |
| 3 | 2.5 | 5.5 | 7.5 | _{:(} 5.5 | 2.5 | 7.5 | 2.5 | 2.5 |
| 4 | 7 | 8 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 5 | 6.5 | 6.5 | 2 | 4 | 2 | 6.5 | , 2 | 6.5 |
| 6 | 8 | 4.5 | 3 | 6 | 4.5 | 7 | 1.5 | 1.5 |
| 7 | 7 | 7 . | 3 | 3 | 7 | 3 | 3 | 3 |
| 8 | 7 | 1.5 | 4 | 1.5 | 4 | 7 | 7 | 4 |
| Σ, | 48.0 | 42.5 | 33.5 | 33.5 | 32.0 | 46.0 | 22.0 | 30.5 |
| đ | 12.0 | 6.5 | -2.5 | -2.5 | -4.0 | 10.0 | -14.0 | -5.5 |
| d ² | 144 | 42.25 | 6.25 | 6.25 | 16.0 | 100 | 196.0 | 30.25 |

$$s = \sum_{d}^{2} = 541$$

$$m \sum_{d}^{1} = 400$$

$$m^{2} (n^{3}-n) = 2668$$

$$Wc = (12) (541)$$

$$2688 - 400 = .2$$

Level of Significance = 5%

TABLE II

RANKINGS DERIVED FROM SCORE FOR APPLICABILITY

| Raters | I | II | III | IV | V | VI | VII | VIII |
|----------------|------|--------|------|------|------|------|-------|------|
| 1 | 7.5 | 5.5 | 2.5 | 2.5 | 5.5 | 7.5 | 2.5 | 2.5 |
| 2 | 2 | 4.5 | 7 | 7 | 2 | 4.5 | 2 | 7 |
| 3 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 4 | 7.5 | 7.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 5 | 6.5 | 6.5 | 2.5 | 6.5 | 2.5 | 2.5 | 2.5 | 6.5 |
| 6 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 7 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 8 | 7.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 7.5 · | 3.5 |
| <u>Σ</u> r | 48.0 | 40.5 | 32.0 | 36.0 | 30.0 | 34.5 | 31.0 | 36.0 |
| đ | 12.0 | 4.5 | -4.0 | 0.0 | -6.0 | -1.5 | -5.0 | 0.0 |
| d ² | 144 | 20.25. | 16.0 | 0 | 36.0 | 2.25 | 25.0 | 0 |

 $s = \sum_{d^2 = 243.5}$

 $m\sum T^1 = 1346$

 $m^2 (n^3-n) = 2688$

 $Wc = \frac{(12)(243.5)}{2688-1346} = .18$

Level of Significance 10-20%

TABLE III

RANKINGS DERIVED FROM SCORES FOR IMPLEMENTABILITY

| Raters | I | II | III | IV | V | VI | VII | VIII |
|--------|-------------|------|------|--------------|------|-------|--------|------|
| 1 | 7 | 2 | 4.5 | 7 | 4.5 | 7 | 2 | 2 |
| 2 | 3.5 | 7 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 8 |
| 3 | 3.0 | . 7 | 7 | 3.0 | 3.0 | 7 | 3.0 | 3.0 |
| 4 | 4 | 8 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 3. 5 | 7.5 | 3.5 | 3.5 | 3.5 | 7.5 | 3.5 | 3.5 |
| 6 | 7 | 4.5 | 3 | 4.5 | 7 | 7 | 1.5 | 1.5 |
| 7 | 3.5 | 7.5 | 3.5 | 3.5 | 7.5 | 3.5 | 3.5 | 3.5 |
| 8 | 3.5 | 3.5 | 7.5 | 3.5 | 3.5 | 7.5 | 3.5 | 3.5 |
| Σ, | 35.0 | 47.0 | 36.5 | 32.5 | 36.5 | 47.0 | 24.5 | 29.0 |
| đ | -1.0 | 11.0 | 0.5 | -3. 5 | 0,5 | 11.0 | 11.5 | -7.0 |
| d^2 | 1 | 121, | .25 | 12.25 | .25 | 121.0 | 132.25 | 49.0 |

$$= \sum_{d^2} = 437$$

$$_{m}\Sigma_{T^{1}} = 952$$

$$m^2$$
 (n³-n) = 2688

$$Wc = \frac{(12)(437)}{2688-952} = .25$$

Level of Significance = 5%

TABLE IV

RANKINGS BASED ON SCORES FOR CULTURAL ACCEPTABILITY

| Raters | I | II | III | IV | v | VI | VII | VIII |
|----------------|------|----------------|------|------|------------|-------|--------|------|
| 1 | 5 | _. 5 | 5 | 5 | 8 | 5 | 1.5 | 1.5 |
| 2 | 3.5 | 6 | 7.5 | 3.5 | 3.5 | 3.5 | 1.0 | 7.5 |
| 3 | 3 | 3 | 7.5 | 6 | 3 | 7.5 | 3 | 3 |
| 4 | 7.5 | 7.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 5 | 7 | 3 | 3 | 3 | 3 | 7 | 3 | 7 |
| 6 | 7 | 5 | 2.5 | 7 | 2.5 | 7 | 2.5 | 2.5 |
| 7 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 8 | 6 | 2 | 2 | 2 | · 6 | 6 | 6 | 6 |
| - r | 47.0 | 35.5 | 35.0 | 34.0 | 33.5 | 43.5 | 24.5 | 35.0 |
| đ | 11.0 | -0.5 | -1.0 | -2.0 | -2.5 | 7.5 | 11.5 | -1.0 |
| d ² | 121 | . 25 | 1.0 | 4.0 | 6.25 | 56.25 | 132.25 | 1 |

$$= \sum d^2 = 322$$

 $= \sum T^1 = 812$
 $= 2 (n^3 - n) = 2688$
 $= 2688 - 812$

Level of Significance = 10-20%

TARLE V

TOTAL DESCRIPTION DESCRIPTION

RATINGS OF MODELS FOR RE-EDUCATING URBAN TEACHERS

| III | 1 | = | 4 | 2 | 22 | - 05 | - 22 | | = 38 |
|------------|-----------|------------|---|----------|------|------------|------|-----|----------------|
| 7 | Ü | 4 | - | 4 | 4 | m | 4 | 43 | 27 |
| HODEL VIII | H | m | - | 4 | 4 | 4 | 4 | 4 | 78 |
| XI | ◀ | • | ~ | 4 | 4 | ~ | 4 | • | 4 82 |
| H | H | = | ======================================= | 12 | - 21 | 12 | 12 | 12 | 10 |
| MODEL VII | O | | 4 | 4 | 4 | 4 | | 4 | 31 |
| 8 | H | က | 6 | 4 | 4 | . 4 | 4 | 4 | 30 3 |
| 21 | 4 | * | * | 49 | 4 | 4 | 4 | • | 31.3 |
| | H | 9 | 6 | • | 12 | 9 | 7 | 12 | 10 |
| | ပ | 3 | 3 | 2 | 4 | 60 | 2 | 4 | 3 |
| MODEL VI | H | - | ٣ | m | 4 | m | | 4 | 22 |
| 외 | 4 | ~ | ო | 4 | 4 | 4 | • | 4 | 7 62 |
| i | H | 7 | 0 | | 12 | 12 | 9 | 11 | 114 |
| | ပ | ~ | ю | .\$ | 4 | 4 | 4 | 4 | 28 |
| HODEL V | 1 | ~ | б | -4 | 4 | 4 | | 3 | 2 2 |
| 외 | 4 | ო | * | 4 | 4 | 4 | 4 | 4 | 3 6 |
| | H | 00 | 8 | 11 | 12 | 11 | € | 12 | 12 |
| A | ပ | 6 | 6 | 6 | 4 | 4 | 2 | 4 | 27 |
| MODEL IV | H | - | က | 4 | 4 | 4 | 2 | 4 | 4 26 2 |
| 윘 | • | 4 | 2 | 4 | 4 | m | 4 | • | 4 82 |
| | H | 6 | 9 | 6 | 12 | 12 | : | 12 | 28 |
| HODEL III | ပ | 6 | 1 | 2 | 4 | 4 | 4 | - | 1 |
| 1 | H | ~ | 6 | m | 4 | | 6 | • | 3 4 26 26 |
| 2 | 4 | 4 | ~ | • | 4 | 4 | 4 | • | 30.2 |
| | H | 0 | 7 | 1.1 | 6 | 10 | - 6 | 11 | 12 78 7. |
| 曲 | ပ | 3 | ~ | | | | | | |
| 2 | 1 | | , | 3 | 3 3 | 3 4 | 2 3 | | 27 |
| HODEL II | 4 | 6 | 6 | 4 | en. | | | 6 | 8 23 |
| | H | 9 | | | | | • |] | 78 |
| H | | | 9 | 12 | 10 | 10 | | _ = | 35 |
| 2 | U | 6 | 4 | 4 | 6 | | 2 | ~ | 28 |
| HODEL I | 1 | 7 | 6 | 4 | 4 | 4 | | * | 25 |
| | 7 | ~ | | | 6 | <u> </u> | 6 | | 2 2 |
| | as | 3-4 | m | m | æ | 3 : | × | × | 39 |

B - BLACK AMERICAN H - MEXICAN AMERICAN W - WHITH AMERICAN

28

I = INDIAN

R = RATTERS

Again the agreement on <u>Cultural Acceptability</u> was between 10% and 20% and thus statistically non-significent. The sum of rankings for this category results in the following order: VII, V, IV, (III and VIII) II, VI, and I.

Reviewing the models in total, based again upon Kendall's statement, the sums of the rankings were reconverted to raw scores and ratings of excellent, good, fair, and poor reassigned. (3.5 or above, Excellent), 2.5 to 3.4, Good), 1.5 to 2.4, Fair), and (below 1.5, Poor).

The converted rankings were as follows:

| Model VII | Folkloria | 3.84 | Excellent |
|------------|----------------------------------|------|-----------|
| Model VIII | Special Rites and Customs | 3.5 | Excellent |
| Model V | Patterns of Family Relationships | 3.5 | Excellent |
| Model IV | Time Orientation | 3.4 | Good |
| Model III | Learning Styles | 3.4 | Good |
| Model II | Motivational Patterns | 3.2 | Good |
| Model I | Language Aspects of Culture | 3.1 | Good |
| Model VI | Cultural Sexual Aspects | 3.1 | Good |

Based, therefore, upon the fact that no model received an average rating of less than 3.1, all models were retained as possible bases for a proposed institute for re-educating certified urban teachers in multicultural dimensions.

Since there was agreement at a 5% level of significance that the models in total were Good to Excellent, the three questions proposed in this study may be answered, in general, in the affirmative:

- 1. Can a set of performance objectives for the re-training of experienced teachers in multicultural school systems be devised which could be subscribed to by talented scholars of several minority groups, e.g., Black Americans and Mexican Americans. (APPLICABILITY)
- Can a corresponding set of re-learning experiences for attaining these objectives be described which would be acceptable to the same several scholars. (IMPLEMENTABILITY)
- 3. Can a program of re-educating in-service teachers in multicultural dimensions, based upon these models, be acceptable to the same several minority group scholars. (CULTURAL ACCEPTABILITY)

Examining the three questions in the specific, however, only the factor of <u>Implementability</u> showed a significant agreement level. In looking forward, then, and in planning for an institute to achieve a re-education of certified urban teachers in these multicultural dimensions, some revision of the <u>content</u> and of the <u>criterion measures</u> will be done under the direction of many of the consultants already named.

Interviews:

The principal investigator, in the course of planning for, producing, and evaluating the Models, was consistently in touch with scholars representing a pluralism of cross cultures. In Mexico, she interviewed formally Dr. Dabson, Chairman of the Department of Education, University of the Americas, and Ernesto Chavez, a bilingual teacher of Chicanos, with dual Masters' degrees in bilingual and bi-cultural relationships. Other persons interviewed over and above those named on page four were: Ceil Elkins Carter, Indian; Louis Sarabia, Mexican American; Vera Chavez, Indian; and John Greene, Black American.

During these interviews, a consistent difference was noted between the comments of practitioners in the field and those who were faculty members at the college level. The professors tended to favor the development or extension of the content of each area, whereas the practitioners tended to favor the development of the array, or means, or learning events.

Two outstanding features of every interview with the practitioners who are presently supervising teachers of multicultural classrooms conducting programs dealing with children, or preparing proposals for such programs, were:

- 1. The need for teachers who understand somewhat the language of the children.
- 2. The need for teachers, who value the cultural heritage of the children.

The first of these seems to be in direct opposition to the scoring of the Raters. The Linguistic area ranks last in three out of the four sets of rankings, whereas it is the first one mentioned by the interviewees in every case. The second statement above, however, is in accord with the very high priority placed by the Raters on Cultural heritage. The model dealing with Folkloria placed first in the ranking of the total models, the models ranked according to Implementability, and the models ranked according to Cultural Acceptability. The model dealing with Special Rites and Customs ranked second in the total rating and in the Implementability ratings, but first in the models ranked according to Cultural Acceptability.

On the other hand, the interviewees never mentioned a teacher-need of knowledge of family relationships except after direct questioning. The Raters, however, placed this first when ranking the models according to Applicability, third when ranking according to Implementability, and second when ranking according to Cultural Acceptability.

CONCLUSIONS AND RECOMMENDATIONS

It seems evident from the ratings of the models and the reactions of interviewees that re-education in multicultural dimensions for teachers already in the field, is a priority. In the present state of education, when there seems to be a surfeit of teachers, those who now have the teaching positions will tend to keep them. It is imperative, then, as their classrooms become more and more culturally pluralistic, that these inservice teachers, become more and more multicultural oriented.

Also, since this entire project has been based on the concept that teachers need compensatory education rather than do children and although the Raters themselves indicated this in various different comments, as did the Interviewees, it is apparent that as bases for Re-Educating Certified Urban Teachers in Multicultural Dimensions, these models need further validation through actual field testing.

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