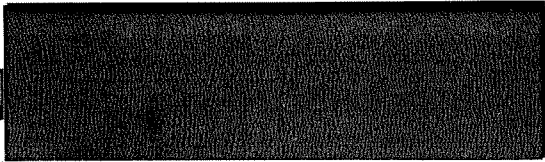
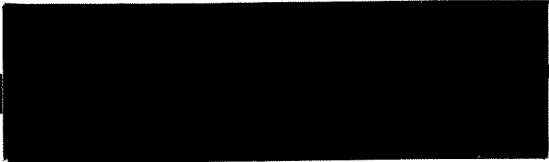


**THE
ANISA
MODEL**



*Center for the Study of Human Potential
School of Education, UMASS, Amherst*

AN EVALUATIVE STUDY OF
SELECTED OUTCOMES
OF THE ANISA PROGRAM

SUFFIELD, CONNECTICUT
1973-1974
FINAL REPORT

An Evaluative Study of Selected
Outcomes of the Suffield, Connecticut,
ANISA Program (1973-1974)

-Final Report-

Prepared By

James Algina
Mary Lyn Bourque
Ronald K. Hambleton
Barbara Larrivee

Laboratory of Psychometric and Evaluative Research
School of Education
University of Massachusetts, Amherst

July 15, 1974

Preface

During the 1973-1974 school year, the ANISA model was implemented in two schools: The A. Ward Spaulding School in Suffield, Connecticut; and the Earl C. McGraw School in Hampden, Maine. The present evaluative study of the model was concerned with both of these schools. The same evaluative procedures were used at both sites and so there are many similarities in the final reports written for each school. The major differences in the two final reports are found in Chapters III and IV which contain the overall results of the study.

Our work would not have been possible without the generous assistance of a large number of people. We would like to thank George Bondra, Donald Streets, Daniel Jordan, and Magdelene Carney for their aid in setting up the testing program at the Spaulding and the Suffield control school. Deloris Fremouw, Edie Overing and Carla Jeffords were responsible for the expert typing of the many drafts of the testing materials and this Final Report. We also want to thank the kindergarten teachers for their help in keeping the testing program running smoothly. Finally, we thank the ANISA staff members, the Laboratory of Psychometric and Evaluative Research staff members, the ANISA student interns and the University of Massachusetts undergraduate volunteers for their services in helping to administer the evaluative instruments in the two schools.

Table of Contents

| | |
|---|----|
| Chapter I - Introduction..... | 1 |
| 1.1 A Brief Description of the ANISA Model..... | 1 |
| 1.2 Statement of the Problem and Purposes of the Investigation...3 | |
| 1.3 Personnel..... | 5 |
| 1.4 Outline of the Final Report..... | 6 |
| | |
| Chapter II - Methodology..... | 7 |
| 2.1 Description of the Sample..... | 7 |
| 2.2 Experimental Design..... | 7 |
| 2.3 Test Administration..... | 8 |
| 2.4 Limitations of the Methodology..... | 8 |
| | |
| Chapter III - Study of the Physical and Human Environment..... | 10 |
| 3.1 ANISA Theory of Environment..... | 10 |
| 3.2 Extent of Implementation..... | 12 |
| 3.3 Evaluation - Year I..... | 13 |
| 3.4 Instrumentation..... | 15 |
| 3.5 Results..... | 18 |
| 3.6 Future Considerations..... | 24 |
| | |
| Chapter IV - Study of the Process Goals..... | 25 |
| 4.1 General Outline..... | 25 |
| 4.2 Classification..... | 26 |
| 4.3 Seriation..... | 32 |
| 4.4 Attention..... | 36 |
| 4.5 Figure-Ground Perception..... | 38 |
| 4.6 Co-operation..... | 41 |
| 4.7 Inflection..... | 45 |
| | |
| Chapter V - Conclusions and Suggestions for Further Research and Evaluation..... | 51 |
| 5.1 Concluding Remarks..... | 51 |
| 5.2 Evaluation and Research Plans for Year II and Year III..... | 53 |
| 5.3 A Final Note..... | 60 |
| | |
| References..... | 61 |
| | |
| Appendix A - Instruments for the Study of Environment | |
| | |
| Appendix B - ANISA Testing Program Materials | |