

TABLE OF CONTENTS

LIST OF TABLES	ix
LIST OF FIGURES.	x
I. THE NATURE OF THE STUDY	1
Introduction	
Purpose	
Hypotheses	
Significance of the Study	
Procedure	
Scope and Limitations of the Study	
Definition of Terms	
II. REVIEW OF LITERATURE.	12
Piaget: A Slow Rise to Recognition	
Piaget's Theory	
Piaget's Tasks	
Brainerd's Tasks	
Stage Theory	
III. THE EXPERIMENT.	24
Experimental Design	
Time Period	
Instruction	
Testing Instrument	
Reliability	
Validity	
IV. STATISTICAL ANALYSIS.	38
Perusing the Data	
Strategy Preferences	
V. SUMMARY AND CONCLUSIONS	49
BIBLIOGRAPHY	54

APPENDICES	56
A. Group Composition.	57
B. Lesson Plans	58
C. Pretest-Post-test.	72
D. Arithmetic Pretest-Post-test Scores.	76