

TABLE OF CONTENTS

1. Overview of <i>Mathematics . . . A Way of Thinking</i>	1
2. Patterns on Number Tables	3
3. Patterns with Tiles and Cubes	15
4. Beginning Addition and Subtraction	24
5. Beginning Multiplication	36
6. Beginning Division	49
7. People Problems and Word Problems	61
8. Advanced Addition and Subtraction	78
9. Advanced Multiplication	114
10. Advanced Division	132
11. Fractions	150
12. Decimals	176
13. Sorting and Classifying	188
14. Measurement	204
15. Graphing—Pictorial Representations	220
16. Metric Measure	236
17. Probability	241
18. Coordinate Graphing	252
19. Negative Numbers	266
20. Tangrams—Logical Thinking	274
21. Problem Solving	281
22. The Classroom	
Helping Students Prepare to Learn	286
Arranging the Classroom for Learning	286
Managing Student Behavior	287
23. Materials	293
Addresses of Mathematics	
Supply Houses	299
24. Integrated Lesson Chart	300
Index	313
Table of Contents for Black-Line Masters	321
Instructions for Student Progress Record Sheet	
Making a Transparency	
Student Progress Record Sheet	
Worksheets 1–26	329