

# Table of Contents

<b>Introduction</b>	1
<b>Analysis of Lessons by Level</b>	1
<b>Chapter 1: Numeration</b>	2
The Concept of Decimal Numbers	3
First Presentation of the Symbols	5
The Decimal Materials	7
Formation and Reading of Quantities (Numbers)	9
Second Presentation of the Symbols	11
Formation and Reading of the Symbols	13
Visual Aids to Emphasize the Centrality of the Unit	15
Numeration: Union of Quantity (Number) and Symbol.	17
Games With the Quantities and Symbols	20
Activities to Reinforce the Concepts of Numeration	21
Parallel Analysis of Whole and Decimal Numbers.	24
<b>Chapter 2: Operations With the Decimals</b>	25
Addition	26
Subtraction	28
Rounding off Decimal Numbers to the Nearest Tenth	30
Rounding off Decimal Numbers to the Nearest Hundredth	33
The Changing of Ordinary Fractionsto Decimal Fractions	34
Multiplication: Powers of Ten	44
Multiplication: the Three Types	50
The Decimal Checker Board	60
Building the Decimal Checker Board	61
Exploration of the Decimal Checker Board	65
Multiplication on the Decimal Checker Board	67
Division With Decimal Numbers	73
<b>Materials List</b>	80
<b>Additional Titles</b>	81