

# Contents

Acknowledgements.....	iii
Foreword.....	v
Background .....	1
Introduction	
Purpose of the Document.....	2
Beliefs About Students and Mathematics Learning.....	2
Affective Domain.....	3
Early Childhood.....	3
Goal for Students.....	4
Conceptual Framework for K–9 Mathematics	
Mathematical Processes.....	5
Nature of Mathematics.....	10
Strands.....	13
Outcomes and Achievement Indicators.....	14
Summary.....	14
Instructional Focus	
Planning for Instruction.....	15
Teaching Sequence.....	15
Hours of Instruction Per Unit.....	15
Resources.....	16
General and Specific Outcomes.....	16
General and Specific Outcomes by Strand	
Grades 6 – 8.....	17
Outcomes with Achievement Indicators	
Unit 1: Patterns and Relations.....	29
Unit 2: Integers.....	77
Unit 3: Fractions, Decimals and Percents.....	95
Unit 4: Circles and Area.....	129
Unit 5: Operations with Fractions.....	159
Unit 6: Equations.....	181
Unit 7: Data Analysis.....	203
Unit 8: Geometry.....	233
Appendix	
Appendix A: Outcomes with Achievement Indicators (Strand).....	255
Appendix B: Worksheets and Activity Sheets.....	269
References.....	323

