MODULE 1			MODULE 4		
1.1	Reviewing the Relationship Between Decimal and Common Fractions	8	4.1	Subtracting Decimal Fractions (Tenths or Hundredths)	80
1.2	Regrouping Tenths, Hundredths and Thousandths	10	4.2	Subtracting Decimal Fractions (Tenths and Hundredths)	82
1.3	Reading and Writing Decimals	12	4.3	Using Written Methods to Subtract	84
1.4	Rounding Thousandths	14	4.4	Decimal Fractions Subtracting Decimal Fractions Involving	86
1.5	Rounding Decimal Fractions	16	7.7	Tenths (Decomposing Ones)	00
1.6	Adding Tenths	18	4.5	Subtracting Decimal Fractions Involving Hundredths (Decomposing Tenths)	88
1.7	Adding Hundredths	20	4.6	Subtracting Decimal Fractions	90
1.8	Adding Tenths and Hundredths	22		(Decomposing Multiple Places)	
1.9	Solving Word Problems Involving Decimal Fractions	24	4.7	Consolidating Strategies to Subtract Decimal Fractions	92
1.10	Revising the Partial-Products Strategy for Multiplication	26	4.8 4.9	Calculating Change Exploring the Relationship Between	94 96
1.11	Revising the Formal Algorithm for Multiplication	28	4.10	Kilograms and Grams Converting Between Grams and Kilograms	98
1.12	Extending the Formal Algorithm to Multiply	30	4.11	Working with Thousandths of a Kilogram	100
NO.	Two-Digit Numbers by Four-Digit Numbers		4.12	Solving Multi-Step Word Problems Involving Conversions of Mass	102
	DULE 2		МС	DULE 5	
2.1	Using Mental Strategies to Add and Subtract Whole Numbers	32	5.1	Introducing Integers	104
2.2	Adding and Subtracting Four- and Five-Digit	34	5.2	Working with Integers	106
	Whole Numbers	0.0	5.3	Solving Problems Involving Integers	108
2.3	Adding Decimal Fractions	36	5.4	Revising Partitioning to Divide Mentally	110
2.4	Adding Decimal Fractions (with Regrouping)	38	5.5	Extending Partitioning to Divide Mentally	112
2.5	Using the Formal Algorithm to Add Two Decimal Fractions	40	5.6	Using the Formal Division Algorithm (Dividing Before Regrouping)	114
2.6	Using a Compensation Strategy to Add Dollars and Cents	42	5.7	Using the Formal Division Algorithm (Regrouping Before Dividing)	116
2.7	Using a Written Method to Add More Than Two Decimal Fractions	44	5.8	Solving Division Problems Involving Remainders	118
2.8	Estimating Total Cost	46	5.9 E 10	Solving Division Problems Exploring the Relationship Between Metres	120 122
2.9	Solving Addition Problems Involving Decimal Fractions	48	5.10 5.11	and Millimetres Exploring the Relationship Between Metres,	124
2.10	Interpreting Information in Timetables	50	5.11	Centimetres and Millimetres	124
2.11	Using a Timetable Involving 24-Hour Time	52	5.12	Solving Word Problems Involving Length	126
2.12	Calculating Elapsed Time	54	МС	DULE 6	
МО	DULE 3		6.1	Identifying and Describing	128
3.1	Multiplying Decimal Fractions (Tenths)	56	6.2	Geometric Patterns Identifying and Describing Number Patterns	130
3.2	Using a Partial-Products Strategy to	58	6.3	Identifying Relationships Between Two	132
3.3	Multiply Decimal Fractions (Tenths) Multiplying Decimal Fractions (Hundredths)	60	6.4	Numerical Patterns Creating Number Patterns Involving Decimal	134
3.4	Using a Partial-Products Strategy to	62	0.4	Fractions and Common Fractions	10-
3.5	Multiply Decimal Fractions (Hundredths) Multiplying Whole Numbers and Decimal	64	6.5	Using Mental Strategies to Multiply Two-Digit Numbers	136
	Fractions (Hundredths)		6.6	Comparing Mental Strategies for Multiplication	138
3.6	Identifying Prime and Composite Numbers	66	6.7	Using a Double-and-Halve Strategy	140
3.7	Investigating Obland Numbers	68	6.8	to Multiply Dollars and Cents Using Multiplication Strategies with	142
3.8	Investigating Oblong Numbers	70	0.0	Decimal Fractions	1-72
3.9	Investigating Triangular Numbers	72 74	6.9	Estimating and Measuring Angles	144
3.10	Creating and Interpreting Two-Way Tables	74	6.10	Examining Angles Around a Point	146
3.11	Interpreting Side-by-Side Column Graphs	76	6.11	Exploring Angles in Right Angles and on Straight Lines	148
3.12	Comparing Different Displays of the Same Data	78	6.12	Investigating Vertically Opposite Angles	150

MODULE 7			MODULE 10		
7.1	Identifying Equivalent Fractions	152	10.1	Introducing and Interpreting Percentage	224
7.2	Using Multiplication to Find Equivalent Fractions	154	10.2	as Hundredths of One Interpreting Percentage as an Amount	226
7.3	Reinforcing Mental Strategies for Finding Equivalent Fractions	156	10.3	Per Hundred Relating Percentage to Common Fractions	228
7.4	Writing Common Fractions in Their Simplest Form	158	10.4	and Decimal Fractions (Area Model) Relating Percentage to Common Fractions	230
7.5	Comparing Common Fractions (Related Denominators)	160	10.5	(Linear Model) Using Common Fractions, Decimal Fractions	232
7.6	Ordering Common Fractions (Related Denominators)	162	10.6	and Percentages in Everyday Contexts Relating Fractions and Percentages	234
7.7	Identifying Misleading Data	164		Greater Than 100%	
7.8	Investigating Misleading Data	166	10.7	Working with Reflections	236
7.9	Exploring the Connection Between	168	10.8	Working with Multiple Transformations	238
7.10	Perimeter and Area Relating Perimeter and Area	170	10.9	Exploring Tessellations	240
7.11	Investigating Area of Right Triangles	172	10.10	Working with Units of Capacity	242
7.11		174	10.11	Adding Mixed Units of Capacity	244
7.12	Developing a Rule to Calculate Area of Triangles	174	10.12	Connecting Volume and Capacity	246
MO	DULE 8		MODULE 11		
8.1	Using Partial Quotients with Decimal Fractions	176	11.1	Subtracting Common Fractions	248
8.2	Extending the Partial-Quotients Strategy with Decimal Fractions	178	11.2	(Same Denominators) Subtracting Common Fractions	250
8.3	Solving Division Problems Involving Dollars	180		(Related Denominators)	
8.4	and Cents Calculating Unit Costs (Whole Dollars)	182	11.3	Subtracting Mixed Numerals (Same Denominators)	252
8.5	Calculating Unit Costs (Dollars and Cents)	184	11.4	Subtracting Mixed Numerals (Related Denominators)	254
8.6	Working with Speed (Kilometres per Hour)	186	11.5	Finding a Unit Fraction of a Quantity	256
8.7	Multiplying and Dividing by 10, 100 and 1000	188	11.6	Finding Simple Fractions of Quantities	258
8.8	Comparing Multiplication and Division Involving Decimal Fractions	190	11.7	Working with Fractions of Money	260
8.9	Analysing Diagonals of 2D Shapes	192	11.8	Working with Percentages of Money	262
8.10	Identifying Parts of a Circle	194	11.9	Using Percentage to Find Discounts	264
8.11	Interpreting a Timeline and Working with Elapsed Time	196	11.10	Applying Discounts to Calculate Selling Price	266
8.12	Drawing and Interpreting a Timeline	198	11.11	Examining Nets	268
MO	DILLE O		11.12	Creating Nets	270
MODULE 9		200	МО	DULE 12	
9.1	Converting Mixed Numerals to Improper Fractions	200	12.1	Investigating Order with One Operation	272
9.2	Converting Improper Fractions to Mixed Numerals	202	12.2	Investigating Order with Multiple Operations	274
9.3	Revising Addition of Common Fractions (Same Denominators)	204	12.3	Consolidating Order with Multiple Operations (without Parentheses)	276
9.4	Adding Common Fractions (Related Denominators)	206	12.4	Introducing Parentheses	278
9.5	Adding Mixed Numerals (with Bridging)	208	12.5	Consolidating Order with Multiple Operations (with Parentheses)	280
9.6	Adding Mixed Numerals (Related Denominators)	210	12.6	Investigating Order with Multiple Grouping Symbols	282
9.7	Converting Between Centimetres and Metres	212	12.7	Introducing Coordinates	284
9.8	Converting Between Millimetres and Centimetres	214	12.8	Exploring the Coordinate Plane	286
9.9	Converting Between Millimetres and Metres	216	12.9	Exploring Shapes on All Four Quadrants	288
9.10	Converting Between Metres and Kilometres	218	12.10	Using Fractions to Describe Probabilities	290
9.11	Developing a Formula to Calculate Volume of Prisms	220	12.11	Conducting Chance Experiments	292
9.12	Finding the Dimensions of Prisms with a Given Volume	222	12.12	Working with Probability	294