

Term 1										
1	2	3	4	5	6	7	8	9	10	
Orientation	Unit 1 Computation with positive integers and negative integers Chapters 1 & 3 <ul style="list-style-type: none"> ○ Place value in ancient number systems (NOT IN SYLLABUS) ○ Place value in Hindu-Arabic numbers (REVISION) ○ Working with negative integers ○ Adding or subtracting a positive integer ○ Adding or subtracting a negative integer ○ Multiplying or dividing by an integer ○ Dividing integers and dealing with remainders ○ Estimating and rounding integers ○ Order of operations with positive and negative integers 				Unit 2 Angle relationships Chapter 2 <ul style="list-style-type: none"> ○ Points, lines, intervals and angles ○ Measuring and classifying angles (REVISION) ○ Adjacent angles and vertically opposite angles ○ Solving geometry problems ○ Circles and constructions with ruler and compasses (NOT IN SYLLABUS) ○ Constructions with dynamic geometry software (EXTENSION) 				Common Test 1 on Units 1 & 2	
									STEM lessons	

Term 2										
1	2	3	4	5	6	7	8	9	10	
Unit 3A Understanding fractions, decimals and percentages Plus ongoing NAPLAN Review Chapter 11 (Indices) <ul style="list-style-type: none"> ○ Divisibility tests ○ Prime numbers ○ Prime decomposition ○ Squares, square roots, cubes and cube roots 		NAPLAN	Unit 3B Understanding fractions, decimals and percentages Chapter 4 <ul style="list-style-type: none"> ○ Factors and multiples ○ Highest common factor and lowest common multiple ○ What are fractions? ○ Equivalent fractions and simplified fractions ○ Mixed numerals and improper fractions ○ Ordering positive and negative fractions ○ Place value in decimals and ordering decimals ○ Rounding decimals ○ Decimal and fraction conversions ○ Connecting percentages with fractions and decimals ○ Decimal and percentage conversions ○ Fraction and percentage conversions ○ Percentage of a quantity ○ Using fractions and percentages to compare two quantities 				Unit 4 Computation with decimals Chapter 6 <ul style="list-style-type: none"> ○ Adding and subtracting decimals ○ Multiplying and dividing decimals by 10, 100, 1000 etc ○ Multiplying by a decimal ○ Dividing decimals 		Common Test 2 on Unit 3	

Term 3									
1	2	3	4	5	6	7	8	9	10
Unit 4 Computation with decimals	Unit 5 Algebraic techniques 1				Unit 6 Computation with fractions Chapter 6			Common Test 3 on Units 4, 5 and some of 6	
	<ul style="list-style-type: none"> ○ Introduction to formal algebra ○ Substituting positive numbers into algebraic expressions ○ Equivalent algebraic expressions ○ Like terms ○ Multiplying, dividing and mixed operations ○ Expanding brackets ○ Applying algebra (EXTENSION) ○ Substitution involving negative numbers and mixed operations ○ Number patterns (EXTENSION, as also in Year 8) ○ Spatial patterns (EXTENSION, as also in Year 8) ○ Tables and rules (EXTENSION, as also in Year 8) ○ The Cartesian plane and graphs (EXTENSION, as also in Year 8) 				<ul style="list-style-type: none"> ○ Adding fractions ○ Subtracting fractions ○ Multiplying fractions ○ Dividing fractions ○ Computations with negative fractions (EXTENSION) 				

Term 4										
1	2	3	4	5	6	7	8	9	10	
Unit 7 Equations 1				Unit 8 Mass and measurement and computation of length, perimeter and area						Activities or revision/ extension
<ul style="list-style-type: none"> ○ Introduction to equations ○ Solving equations by inspection ○ Equivalent equations ○ Solving equations systematically ○ Equations with fractions ○ Equations with brackets ○ Formulas and relationships (EXTENSION) Using equations to solve problems (EXTENSION) 				<ul style="list-style-type: none"> ○ Mass and Temperature (Ex 10J- do first as an introduction to changing metric units or follow textbook order and do after perimeter etc.) ○ Measurement systems of the past and present ○ Using and converting units of length (REVISION) ○ Perimeter of rectilinear figures ○ Pi and circumference of circles ○ Arc length and perimeter of sectors and composite figures ○ Units of area and area of rectangles ○ Area of triangles ○ Area of parallelograms ○ Area of Circles (not in textbook) ○ Area of composite figures 						