TERM 2		Week 1 4 days	Week 2 4 days			Week 5 5 days	Week 6 5 days		Week 7 5 days	Week 8 5 days		Week 9 4 days	Week 10 5 days	Week 11 5 days
Hours per topic	3 hrs.	11 hrs.		9 hrs.		11 hrs.		6.5 hrs.		9 hrs.				
% Coverage		9.8 (34.8%)			4.6 (39.4%)			7.6 (47%)		3 (50%)				
Topic, concepts, skills and values	FORMAL ASSESSMENT TASK INVESTIGATION NB Administer an investigation on any one of the Term 2 topics before teaching it	Comparing and representing numbers in exponential form Revise compare and represent whole numbers in exponential form Compare and represent integers in exponential form Compare and represent numbers in exponential form Compare and represent numbers in		Investigate and extend patterns Revise investigate and extend numeric and geometric patterns looking for relationships between numbers, including patterns: represented in physical or diagram form not limited to sequences involving a constant difference or ratio of learner's own creation represented in tables Extend investigate and extend numeric and geometric patterns looking for relationships between numbers, including patterns represented algebraically Describe and justify the general rules for observed relationships between numbers in own words or in algebraic language			FUNCTIONS AND RELATIONSHIPS Input and output values Revise, determine input values, output values or rules for patterns and relationships using: Illow diagrams Itables Italles Itables It			ALGEBRAIC EXPRESSIONS Algebraic language Recognize and identify conventions for writing algebraic expressions Identify and classify like and unlike terms in algebraic expressions Recognize and identify coefficients and exponents in algebraic expressions Expand and simplify algebraic expression Use commutative, associative and distributive laws for rational numbers and laws o exponents to: Add and subtract like terms in algebraic expressions		REVISION AND FORMAL ASSESMENT TASK TEST All Term 1 & 2 topics		
Prerequisite skill/pre- knowledge		in exponent for b numb Recognise of operation exponents Perform cat operations form, limited square and Solve prob	ns with number and square and alculations invol	a × a × a × opropriate laws rs involving d cube roots lving all four s in exponential s up to 5, and	geometric relationsh • Describe for observ	te and extend repatterns looking between not and justify the wed relationship in own words	ng for umbers, general rules	va rei tal • De eq de rei ve	etermine input values, alues or rules for patter lationships using flow obles and formulae etermine, interpret and quivalence of different escriptions of the same lationship or rule preserbally, in flow diagrambles by formulae and bentences	ns and diagrams, justify ented s, in	rules o represe form Identify consta	nize and interpret r relationships ented in symbolic y variables and nts in given ae and/or ons		