NumberSense Companion, Grade 6				Page																																																													
Curriculum Topics				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Numbers, Operations and Relationships	Whole numbers	1.1a	Mental calculations																																																											
		1.1b	Counting, ordering, comparing, representing & place value																																																											
		1.1c	Calculations																																																											
		1.1d	Calculation techniques																																																											
		1.1e	Multiples & factors																																																											
		1.1f	Whole numbers																																																											
		1.1g	Solving problems																																									✓					✓																
	Common fractions	1.2a	Describing and ordering																																																											
		1.2b	Calculations																																																											
		1.2c	Solving problems																																																											
		1.2d	Percentages																																																											
		1.2e	Equivalent forms [Grade 6 only]																																																											
	Decimal fractions	1.3a	Recognising, ordering & place value [Grade 6 only]																																																											
		1.3b	Calculations [Grade 6 only]																																																											
		1.3c	Solving problems [Grade 6 only]																																																											
		1.3d	Equivalent forms [Grade 6 only]																																																											
Patterns, Functions and Algebra	Number patterns	2.1a	Investigate & extend																																																											
		2.1b	Input & output values																																																											
		2.1c	Equivalent forms																																																											
	Geometric patterns	2.2a	Investigate & extend	✓																																																													
		2.2b	Input & output values																																																											
		2.2c	Equivalent forms																																																											
	Number sentences	2.3	Number sentences																																																											
Space and Shape	Properties of 2-D shapes	3.1a	Range of shapes												✓	✓					✓	✓				✓			✓				✓		✓																																
		3.2b	Characteristics of shapes												✓	✓					✓	✓							✓				✓																																		
		3.3c	Further activities	✓																													✓																																		
		3.4d	Angles												✓	✓										✓							✓												✓					✓																
	Properties of 3-D shapes	3.2a	Range of objects						✓																	✓						✓																✓									✓	✓	✓								
		3.2b	Characteristics of shapes						✓																	✓									✓							✓						✓						✓			✓										✓
		3.2c	Further activities						✓																	✓									✓							✓												✓						✓							✓
	Symmetry	3.3	Symmetry																																	✓																													
	Transformations	3.4a	Making composite shapes												✓	✓					✓	✓							✓																																						
		3.4b	Tesselations																		✓	✓																																													
		3.4c	Enlargement and reductions																																									✓					✓																
		3.4d	Describe patterns	✓																																																													
	Viewing of objects	3.5	Position and views		✓																											✓									✓							✓									✓										
	Position and direction	3.6	Location and directions														✓							✓																																				✓					
Measurement	Length	4.1a	Practical measuring				✓										✓							✓																																									
		4.1b	Measuring instruments				✓	✓									✓							✓																																									
		4.1c	Units					✓									✓							✓																																									
		4.1d	Calculations & Problem solving					✓									✓							✓																						✓					✓																
	Mass	4.2a	Practical measuring															✓																																															
		4.2b	Measuring instruments															✓																																															
		4.2c	Units															✓																																															
		4.2d	Calculations & Problem solving															✓																																															
	Capacity/Volume	4.3a	Practical measuring																																																														
		4.3b	Measuring instruments											✓																																																				
		4.3c	Units											✓																																																				
		4.3d	Calculations & Problem solving											✓																																																				
	Time	4.4a	Reading time & Time instruments			✓																	✓																						✓																						
		4.4b	Reading calendars			✓																															✓								✓																						
		4.4c	Calculations & Problem solving			✓				✓													✓														✓								✓								✓														
		4.4d	History of time																																																														
	Temperature [Grade 5,6]	4.5a	Practical measuring																						✓																																								
		4.5b	Measuring instruments																						✓																																								
		4.5c	Units																						✓																																								
		4.5d	Calculations & Problem solving																						✓														✓																												
	Perimeter, Surface Area and Volume	4.6a	Perimeter										✓																					✓									✓						✓																		
		4.6b	Measurement of area																✓									✓						✓									✓	✓					✓			✓						✓	✓	✓		✓					
		4.6c	Measurement of volume																												✓							✓						✓								✓						✓	✓	✓							
		4.6d	Investigate [Grade 6]										✓																												✓	✓					✓			✓															
	History of measurement	4.7	History of measurement [Grade 6]				✓																																																												
Data Handling	Collecting and Organising	5.1	Collecting and organising data								✓	✓								✓							✓													✓															✓	✓								✓	✓	✓	
	Representing	5.2	Representing data																											✓										✓										✓																	
	Analysing, Interpreting and Reporting	5.3a	Interpreting data																	✓					✓					✓									✓								✓			✓						✓					✓			✓			
		5.3b	Analysing data									✓								✓																				✓										✓						✓					✓		✓			✓	
		5.3c	Reporting data								✓	✓																		✓										✓																✓								✓		✓	
		5.3d	Ungrouped data [Grade 5-6]																	✓																																			✓	✓							✓				
	Probability	5.4	Probability experiments																								✓																				✓																		✓	✓	