

	TERM	UNIT / LESSON	STEPS (GRADES) FROM ...	STEPS (GRADES) FROM ...	LEARNING OUTCOME
	SPRING	5 Decimal calculations	4th (grade 2)	5th (grade 3)	
15	01/01/2018	5.1 Adding and subtracting decimals	4th (grade 2)	5th (grade 3)	Add and subtract decimal numbers.
16	08/01/2018	5.2 Multiplying decimals	4th (grade 2)	5th (grade 3)	Multiply decimals.
		5.3 Ordering and rounding decimals	5th (grade 3)	5th (grade 3)	Round decimals. Order decimals.
		5.4 STEM: Problem-solving with decimals	4th (grade 2)	5th (grade 3)	Solve problems involving decimals.
17	15/01/2018	PROBLEM-SOLVING ACTIVITIES			
	SPRING	6 Angles	3rd (grade 2)	5th (grade 3)	RICH TASK 19: FIRE HYDRANTS
18	22/01/2018	6.1 Measuring and drawing angles	3rd (grade 2)	4th (grade 2)	Use a protractor to measure and draw obtuse and reflex angles
19	29/01/2018	RICH TASK 20: DIAGONALS OF RECTANGLES			
		6.2 Vertically opposite angles	4th (grade 2)	4th (grade 2)	Use vertically opposite angles.
		6.3 Angles in triangles	3rd (grade 2)	4th (grade 2)	Work out the size of unknown angles in a triangle.
		6.4 Drawing triangles accurately	4th (grade 2)	5th (grade 3)	Accurately draw triangles using a ruler and protractor.
		6.5 Designing nets	5th (grade 3)	5th (grade 3)	Accurately draw a net of a 3D shape. Investigate the sides of a right-angled triangle.
		INVESTIGATION: ROUTES ON POLYHEDRA (OCR)			
20	05/02/2018	PROBLEM-SOLVING; REVISION		HALF TERM TEST	
	SPRING	7 Number properties	3rd (grade 2)	5th (grade 3)	
21	19/02/2018	7.1 Squares, cubes and roots	4th (grade 2)	5th (grade 3)	Calculate squares and square roots, mentally and using a calculator.
22	26/02/2018	RICK TASK 20: LEAP FROG			
		7.2 Calculating with brackets and indices	3rd (grade 2)	5th (grade 3)	Carry out calculations involving brackets and square numbers. Use the brackets keys on a calculator. Use index notation.
		7.3 LCM and HCF	4th (grade 2)	4th (grade 2)	Find the factor pairs of any whole number Use the lowest common multiple (LCM) and highest common factor (HCF) to solve problems.
		7.4 Prime factor decomposition	4th (grade 2)	4th (grade 2)	Find the prime factor decomposition of a number less than 100 Use the lowest common multiple (LCM) and highest common factor (HCF) to solve problems.
23	05/03/2018	PROBLEM-SOLVING ACTIVITIES			
	SPRING	8 Sequences	3rd (grade 2)	5th (grade 3)	INVESTIGATION: TOWERS OF HANOI
24	12/03/2018	8.1 Generating sequences	3rd (grade 2)	3rd (grade 2)	Recognise, describe and continue number sequences
25	19/03/2018	RICH TASK 17: PASCAL'S TRIANGLE			
		8.2 Extending sequences	3rd (grade 2)	5th (grade 3)	Use the term-to-term rule to work out terms in a sequence Recognise an arithmetic sequence Describe sequences arising in real life.
		RICH TASK 21: T-TOTAL			
		INVESTIGATION: LINES, REGIONS & CROSS-OVERS			
		8.3 Special sequences	3rd (grade 2)	5th (grade 3)	Describe and continue special sequences Recognise a geometric sequence.
		INVESTIGATION: SPIRAL BOUND			
		8.4 Position-to-term rules	4th (grade 2)	5th (grade 3)	Generate terms of a sequence using the position-to-term rule.
		8.5 Finding the nth term	5th (grade 3)	5th (grade 3)	Find the nth term of a simple sequence.
26	26/03/2018	PROBLEM-SOLVING; REVISION		END OF TERM TEST	