

	TERM	UNIT / LESSON	STEPS FROM ...	STEPS TO ...	LEARNING OBJECTIVES
	SPRING	5 Factors and multiples	1st (grade 1)	3rd (grade 2)	
15	01/01/2018	5.1 Number rules and relationships	1st (grade 1)	3rd (grade 2)	Understand the priority of operations. Understand the rules of multiplication.
16	08/01/2018	RICH TASK 1: POSITIVE DIFFERENCES			Use the operation keys on a calculator.
		5.2 Multiples	1st (grade 1)	2nd (grade 1)	Recognise multiples of 2, 3, 10 and 25. Work out multiples.
		5.3 Multiplication	2nd (grade 1)	3rd (grade 2)	Multiply 3-digit numbers by a single digit. Round numbers to the nearest 100 and 1000.
		5.4 Division	1st (grade 1)	3rd (grade 2)	Divide 3-digit numbers by a single digit. Decide whether you can divide a number by 2, 3, 5 or 10. Begin to identify factors of numbers.
		5.5 Solving problems	1st (grade 1)	2nd (grade 1)	Solve problems involving multiplication and division. Use a calculator to solve multiplication and division problems.
		5.6 Factors and primes	2nd (grade 1)	3rd (grade 2)	Find factors of numbers. Identify prime numbers.
		5.7 Common factors and multiples	2nd (grade 1)	3rd (grade 2)	Recognise and use multiples, factors and primes. Find common factors and common multiples. Work out the HCF and LCM of two numbers. Work out if a number is divisible by 3, 4 or 6.
17	15/01/2018	PROBLEM-SOLVING ACTIVITIES			
	SPRING	6 Decimals and measures	1st (grade 1)	5th (grade 3)	
18	22/01/2018	6.1 Estimates and measures	1st (grade 1)	3rd (grade 2)	Estimate, and choose suitable units, to measure length, mass and capacity. Draw lines to the nearest mm and measure lines to the nearest cm. Read a variety of scales. Record estimates to a suitable degree of accuracy.
19	29/01/2018	6.2 Decimal numbers	1st (grade 1)	3rd (grade 2)	Read and write numbers in figures and words. including in measures. Read and interpret scales using decimals.
		RICH TASK 28: DECIMAL ARITHMETIC			
		6.3 Metric units	2nd (grade 1)	3rd (grade 2)	Order metric measurements. Convert between different units of measure. Read and interpret scales. Record measurements.
		6.4 Adding and subtracting decimals	2nd (grade 1)	3rd (grade 2)	Recognise and extend number sequences by counting in decimals. Add and subtract decimal numbers. Extend mental methods of calculation, to include decimals.
		RICH TASK 5: NUMBER SHACK			
		6.5 Rounding	2nd (grade 1)	3rd (grade 2)	Round decimals to nearest whole number and nearest tenth. Use a calculator and interpret the display in different contexts (decimals).
		6.6 Multiplying and dividing decimals	3rd (grade 2)	3rd (grade 2)	Consolidate and extend mental calculation methods, including decimals. Multiply and divide decimal numbers.
		6.7 FINANCE: Calculating with money	3rd (grade 2)	5th (grade 3)	Use a calculator to solve word problems involving money. Round amounts on a calculator to 2 decimal places.
20	05/02/2018	PROBLEM-SOLVING; REVISION			HALF TERM TEST

	SPRING	7 Angles and lines	1st (grade 1)	3rd (grade 2)	
21	19/02/2018	7.1 Right angles and lines	1st (grade 1)	3rd (grade 2)	Know a right angle is 90 degrees.
22	26/02/2018				Recognise quarter, half and three-quarter turns.
					Recognise parallel and perpendicular lines. Use compass points.
		7.2 Measuring angles 1	2nd (grade 1)	2nd (grade 1)	Recognise acute and obtuse angles.
		RICH TASK 10: HOW MANY ANGLES?			Measure acute angles. Label lines and angles.
		7.3 Measuring angles 2	3rd (grade 2)	3rd (grade 2)	Recognise acute, obtuse and reflex angles. Measure obtuse angles.
		7.4 Drawing and estimating angles	2nd (grade 1)	3rd (grade 2)	Estimate the size of angles. Draw acute angles.
		7.5 Putting angles together	3rd (grade 2)	3rd (grade 2)	Find missing angles on a straight line. Find missing angles round a point.
23	05/03/2018	PROBLEM-SOLVING ACTIVITIES			
	SPRING	8 Measuring and shapes	1st (grade 1)	4th (grade 2)	
24	12/03/2018	8.1 Shapes	1st (grade 1)	3rd (grade 2)	Identify triangles, squares and rectangles.
25	19/03/2018	INVESTIGATION: FLAGGING			Recognise the properties of triangles, squares and rectangles.
		8.2 Symmetry in shapes	2nd (grade 1)	4th (grade 2)	Describe the line symmetry of triangles, quadrilaterals and other shapes.
		8.3 More symmetry	3rd (grade 2)	4th (grade 2)	Solve problems using line symmetry. Describe rotational symmetry.
		8.4 Regular polygons	1st (grade 1)	3rd (grade 2)	Identify polygons. Understand the line and rotational symmetry of rotational polygons.
		8.5 Perimeter	1st (grade 1)	3rd (grade 2)	Find the perimeter of squares, rectangles and regular polygons. Calculate the perimeter of shapes made from rectangles. Solve problems involving the perimeter of squares and rectangles.
		8.6 Area	2nd (grade 1)	3rd (grade 2)	Use metric units to measure area. Calculate the area of squares and rectangles.
26	26/03/2018	PROBLEM-SOLVING; REVISION			END OF TERM TEST