

EXTENSION LEARNING OUTCOMES IN BOLD					
	TERM	UNIT / LESSON	STEPS FROM ...	STEPS TO ...	LEARNING OBJECTIVES
	SPRING	5 Angles and shapes	4th (grade 2)	7th (grade 4)	
15	01/01/2018	5.1 Angles and parallel lines	4th (grade 2)	6th (grade 3)	Work out unknown angles when two or more lines meet or cross at a point.
16	08/01/2018				Work out unknown angles involving parallel lines.
		5.2 Triangles	4th (grade 2)	6th (grade 3)	Describe the line and rotational symmetry of triangles. Understand how to prove that a result is true. Use properties of a triangle to work out unknown angles.
		TASK 10: HOW MANY ANGLES?			Use the properties of isosceles and equilateral triangles to solve problems.
		5.3 Quadrilaterals	4th (grade 2)	5th (grade 3)	Describe the line and rotational symmetry of quadrilaterals.
		INVESTIGATION: FLAGGING			Describe the properties of quadrilaterals.
		TASK 15: SQUARE COORDINATES			Solve problems involving quadrilaterals.
		5.4 Polygons	5th (grade 3)	7th (grade 4)	Work out the interior and exterior angles of a polygon.
17	15/01/2018	PROBLEM-SOLVING ACTIVITIES			RICH TASK 15: HOW MANY QUADRILATERALS?
	SPRING	6 Decimals	4th (grade 2)	7th (grade 4)	
18	22/01/2018	6.1 Ordering decimals	5th (grade 3)	7th (grade 4)	Write decimals in ascending and descending order.
19	29/01/2018	6.2 Rounding decimals	5th (grade 3)	6th (grade 3)	Round to decimal places.
		6.3 Adding and subtracting decimals	4th (grade 2)	6th (grade 3)	Add and subtract decimals.
		6.4 Multiplying decimals	4th (grade 2)	6th (grade 3)	Multiply a decimal by an integer.
		TASK 28: DECIMAL ARITHMETIC			Use place value to multiply decimals.
		6.5 Dividing decimals	4th (grade 2)	6th (grade 3)	Divide a decimal by a whole number. Divide a number by a decimal.
		6.6 Fractions, decimals and percentages	5th (grade 3)	6th (grade 3)	Convert between fractions decimals and percentages. Compare different proportions using percentages.
		TASK 5: NUMBER SHACK			
		6.7 FINANCE: Working with percentages	4th (grade 2)	6th (grade 3)	Calculate percentages with and without a calculator. Calculate percentage increases and decreases. Work backwards to solve a percentage problem.
20	05/02/2018	PROBLEM-SOLVING; REVISION			HALF TERM TEST

	SPRING	7 Equations	4th (grade 2)	8th (grade 5)	
21	19/02/2018	7.1 Solving one-step equations	4th (grade 2)	5th (grade 3)	Write and solve simple equations.
22	26/02/2018	TASK 27: SOLVING LINEAR EQUATIONS?			Solve problems using equations.
		7.2 Solving two-step equations	5th (grade 3)	6th (grade 3)	Write and solve two-step equations. Write and solve equations that have brackets.
		7.3 More complex equations	6th (grade 3)	6th (grade 3)	Write and solve equations with letters on both sides.
		7.4 Trial and improvement	6th (grade 3)	8th (grade 5)	Solve equations that include x^2 and x^3 Use trial and improvement to find solutions to 1 decimal place.
		TASK 11: NUMBER REVERSE			
23	05/03/2018	PROBLEM-SOLVING ACTIVITIES			RICH TASK 3: CHOOSE 3 NUMBERS
	SPRING	4 Fractions	4th (grade 2)	7th (grade 4)	
24	12/03/2018	8.1 STEM: Metric and imperial units	4th (grade 2)	5th (grade 3)	Convert between metric and imperial units. Use metric units.
25	19/03/2018				
		8.2 Writing ratios	4th (grade 2)	6th (grade 3)	Write a ratio in its simplest form. Simplify a ratio expressed in fractions or decimals.
		8.3 Sharing in a given ratio	4th (grade 2)	5th (grade 3)	Share a quantity in 2 or more parts in a given ratio.
		8.4 Proportion	5th (grade 3)	5th (grade 3)	Understand the relationship between ratio and proportion.
		8.5 Proportional reasoning	5th (grade 3)	6th (grade 3)	Solve simple word problems involving ratio and direct proportion.
					Solve simple word problems involving ratio and inverse proportion.
		8.6 Using the unitary method	5th (grade 3)	6th (grade 3)	Solve problems involving ratio and proportion using the unitary method. Write ratios in the form 1 : n Solve best buy problems.
26	26/03/2018	PROBLEM-SOLVING; REVISION			END OF TERM TEST