


Year 7

Subject Mathematics



Term	Week	Focus	Summary	Learning Outcomes
Term 1	1		Baseline Assessments	Introduction lessons and baseline assessments.
	2	Number	Multiplication and Division of Integers	Use the area model to multiply integers, use long division for division.
	3		Negative Numbers	Add and subtract negative numbers, multiply and divide negative numbers.
	4		Appreciation of Number Systems	Explore Roman Numerals and and Binary.
	5		Fractions, Decimals and Percentages	Convert between fractions, decimals and percentages using a variety of methods.
	6		Percentages of Amounts	Find the percentage of amounts with and without a calculator (multipliers)
	7	Ratio & Proportion	Ratio	Share amounts in different ratios, use ratio to solve recipe questions.
	8	Ratio & Proportion	Conversion	Converting between different units of measure
	9	Perimeter, Area & Volume	Properties of 2D Shapes	Explore properties of triangles, quadrilaterals and other common 2D shapes.
	10		Area of Quadrilaterals	Area of rectangles, parallograms and trapeziums
	11		Area of Triangles	$1/2 \times b \times h$
			Perimeter of Quadrilateral and Triangles	Perimeter of Quadrilaterals and triangles
	12		Area & Perimeter of Compound shapes	Partition shapes into seperate 2D shapes to find the total area or perimeter
	13		Volume & Surface Area of a Cuboid	
	14			