Sandon Business, Enterprise & Arts College
Curriculum Map 2015 - 2016

Maths Year 7

Autumn 1	Week Commencing	7th September	14th September	21st September	28th September	5th October	12th October	19th October
	Topic	Decimals and measure			Area and volume			
		Ordering and rounding decimals, calculations	Perimeter and area using measures and conversions	Read scales and plot coordinates	Surface area of cubes and cuboids	Area of 2D shapes	Area and volume of compound shapes	Understand metric and imperial units, problem solving
	Weekly Review							

Autumn 2	Week Commencing	2nd November	9th November	16th November	23rd November	30th November	7th December	14th December
	Topic	Expressions, functions and formulae						
		Collecting like terms, writing expressions	Writing expressions	Substitution	Function machines	Solve and construct linear equations	Simplify expressions involving powers	Expand single brackets, including equations
	Weekly Review							

Spring 1	Week Commencing	4th January	11th January	18th January	25th January	1st February	8th February	
	Topic	Sequences and graphs						
		Generate describe sequences	Plot coordinates in 4 quadrants, plot straight line graphs	Draw, use and interpret conversion graphs	Distance time and real life graphs	Use y = mx + c	Identify and describe direct proportion, problem solving	
	Weekly Review							

Spring 2	Week Commencing	22nd February	29th February	7th March	14th March	21st March		
	Topic	Lines and Angles						
		Understand properties, angle facts and problems involving quadrilaterals	Properties of quadrilaterals	Constructing triangles	Angle properties of polygons			
	Weekly Review							

Summer 1	Week Commencing	11th April	18th April	25th April	2nd May	9th May	16th May	23rd May
	Topic	Fractions and percentages						
		Compare fractions, finding equivalent fractions	Add and subtract fractions, find an amount	Percentage of an amount	Compare FDP	Express one number as a percentage of another	Fractions including brackets, mixed numbers and calculations	Problem solving
	Weekly Review							

Summer 2	Week Commencing	6th June	13th June	20th June	27th June	4th July	11th July	18th July
	Topic	Decimals, ratio and proportion						
		Use standard column procedures for arithmetic		Order positive and negative numbers, including decimals	Multiply and divide integers and decimals up to 2dp	Multiply and divide any number by 0.1, 0.01	Apply ratio to decimal values and simplify ratio expressed as decimals	Understand greater than or less than, including decimals
	Weekly Review							