Key Stage 3 Curriculum Map 2019 - 2020

Term 1

Subject: Mathematics		Year Group: 8		
Week/Date	Focus/Topic	Objectives	Key Skills	Home Learning/Resources
1 Sept 2nd-5th	• Baseline assessments, curriculum orientation and expectations			
2 Sept 8th-12th	• Highest Common Factor and Lowest Common Multiple	• To be able to find the HCF of up to 3 numbers. • To be able to find the LCM of up to 3 numbers.	• To apply knowledge of HCF and LCM to real life problems.	• Www.corbettmaths.com • Problem Solving Activities
3 Sept 15th-19th	• Multiplying and dividing by powers of 10	• To be able to manipulate the powers of 10 by multiplying and dividing.	• To know the laws of indices.	
4 Sept 22rd-26th	• Estimation and rounding	• To be able to estimate calculations effectively. • To be able to round to 4 decimal places.	• To be able to use a consistent and effective method.	
5 Sept 29th-Oct 3rd	• Fractions (all operations)	• To be able to use all four operations with fractions.	• To be able to apply knowledge to area and perimeter questions.	
6 Oct 6th-10th	• Similarity	• To be able to prove whether two shapes are similar.	• To be able to use SSS, SAS, AAS effectively.	
7 Oct 13th-17th	• Pie Charts	• To be able to construct and interpret pie charts.	• To be able to compare pie charts.	
8 Oct 20th -24th	Mid Term Break			
9 Oct 27th-Oct 31st	• Pie Charts	• To be able to construct and interpret pie charts.	• To be able to compare pie charts.	• Www.corbettmaths.com • Problem Solving Activities
10/11 Nov 3rd -7th	• Pythagoras' Theorem			• Www.corbettmaths.com

11 Nov 10th-14th	• Pythagoras' Theorem	• To be able to use and apply Pythagoras' Theorem	• To be able to use Pythagoras in real life context.	• Problem Solving Activities
12 Nov 17th-21st 13 Nov 24th-28th 14 Dec 1st -5th	• Area & Circumference of a Circle	• To be able to find the area of a circle • To be able to find the circumference of a circle.	• To be able to use area and circumference in real life problems.	
15 Dec 8th-12th	• Plans & Elevations	• To be able to sketch the correct plan of an object.	• To be able to find volume and surface area from plans of an object.	
Winter Break: December 13th – January 2nd				