Key Stage 3 Curriculum Map 2019 - 2020

Term 2

Year Group: 8		Subject: Mathematics		
Week Date	**Focus/Topic**	**Objectives**	**Key Skills**	**Home Learning / Recommended Reading**
1 Jan 5th – 9th	• Linear n^{th} term	• To be able to generate a sequence given a rule	• To be able to link sequences with real-life problems	• Www.corbettmaths.com • Problem Solving Activities
2 Jan 12th – 16th		• To be able to verify if numbers are in a sequence		
3 Jan 19th – 23rd	• Expanding and factorising	• To be able to expand single brackets and groups of single brackets added or subtracted from each other. • To be able to factorise into a single bracket	• To be able to solve factorising and expanding questions related to real life.	
4 Jan 26th – 30th	• Solving equations with unknowns on both sides	• To be able to solve equations with unknowns on both sides	• To be able to solve equations related to real-life.	
5 Feb 2nd – 6th		• To be able to solve more complicated equations with unknowns on both sides.		

6 Feb 9th – 13th	• Solving equations with unknowns on both sides	• To be able to form and solve equations with unknowns on both sides.	• To be able to solve equations related to real-life.	• Www.corbettmaths.com • Problem Solving Activities
Mid Term Break – Feb 16th – 20th				
7 Feb 23rd – 27th	• Plotting graphs with negative and fractional gradients	• To be able to plot linear graphs with negative of fractional gradients	• To be able to relate graphs to real life situations.	• Www.corbettmaths.com • Problem Solving Activities
8 Mar 1st – 5th	• Plotting graphs with negative and fractional gradients	• To be able to find points of intersection and gradients graphically		
9 Mar 8th – 12th	• $y = mx + c$	• To be able to use the general form of an equation to sketch a graph		
10 Mar 15th – 19th		• To be able to use the general form of an equation to verify if points lie on a line		
11 Mar 22nd – 26th		• To be able to use the general form of an equation to identify parallel lines		
12 Mar 29th – Apr 2nd	• Real-life graphs	• To be able to interpret real-life graphs		
13 Apr 5th – 9th		• To be able to construct real-life graphs		
	UAE Links across the term			