Key Stage 3 Curriculum Map 2019 - 2020

Term 2

Year Group: 9		Subject: Mathematics		
Week Date	**Focus/Topic**	**Objectives**	**Key Skills**	**Home Learning / Recommended Reading**
1 Jan 5th – 9th	• Linear Graphs	• To be able to plot linear graphs given their equation • To find equation from a linear graph	• Substitution, rearranging formulae, simplifying algebraic expresisons, plotting coordinates in all 4 quadrants	• Www.corbettmaths.com • Problem Solving Activities
2 Jan 12th – 16th		• To find equations of lines through 2 coordinates • To use properties of parallel lines to solve problems related to linear graphs	• Substitution, rearranging formulae, simplifying algebraic expresisons	
3 Jan 19th – 23rd	• Linear inequalities	• To solve linear inequalities algebraically • To solve linear inequalities graphically	• Substitution, rearranging formulae, simplifying algebraic expresisons, solving equations where variable	

			appears on both sides	
4 Jan 26th – 30th	• Quadratic functions	• To plot quadratic functions • To expand and factorise quadratic functions	• Substitution, rearranging formulae, simplifying algebraic expresisons, expanding and factorising quadratic expressions	• Www.corbettmaths.com • Problem Solving Activities
5 Feb 2nd – 6th		• To investigate properties of quadratic functions • To use properties of quadratic functions to solve problems	• Substitution, rearranging formulae, simplifying algebraic expresisons, plotting coordinates in all 4 quadrants	
6 Feb 9th – 13th		• To sketch quadratic functions • To solve quadratic equations graphically	• Expanding and factorising quadratic expressions	
Mid Term Break – Feb 16th – 20th				
7 Feb 23rd – 27th	• Sequences	• Solve problems related to linear sequences • Explore quadratic sequences	• Substitution	• Www.corbettmaths.com • Problem Solving Activities
8 Mar 1st – 5th		• Derive the nth term rule for a quadratic sequence • Solve problems related to quadratic sequences		
9 Mar 8th – 12th	• Simultaneous Equations	• Solve simultaneous equations using a table	• Substitution, solving linear equations	

10-11 Mar 15th – 26th	• Simultaneous Equations	• Solve silmultaenous equations algebraically by elimination	• Substitution, solving linear equations	• Www.corbettmaths.com • Problem Solving Activities
	UAE Links across the term			