

Key Stage 3 Curriculum Map 2020 - 2021

Term 2

Subject: Mathematics	Year 8		
Focus/Topic	Objectives	Key Skills	Home Learning / Recommended Reading
<ul style="list-style-type: none"> Linear n^{th} term 	<ul style="list-style-type: none"> To be able to generate a sequence given a rule 	<ul style="list-style-type: none"> To be able to link sequences with real-life problems 	<ul style="list-style-type: none"> www.corbettmaths.com www.drfrostmaths.com www.mathspad.co.uk BBC Bitesize CGP KS3 Revision Guides
<ul style="list-style-type: none"> Linear n^{th} term 	<ul style="list-style-type: none"> To be able to verify if numbers are in a sequence 	<ul style="list-style-type: none"> To be able to link sequences with real-life problems 	
<ul style="list-style-type: none"> Expanding and factorising 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> To be able to solve factorising and expanding questions related to real life. 	
<ul style="list-style-type: none"> Solving equations with unknowns on both sides 	<ul style="list-style-type: none"> To be able to solve equations with unknowns on both sides 	<ul style="list-style-type: none"> To be able to solve equations related to real-life. 	
<ul style="list-style-type: none"> Solving equations with unknowns on both sides 	<ul style="list-style-type: none"> To be able to solve more complicated equations with unknowns on both sides. 	<ul style="list-style-type: none"> To be able to solve equations related to real-life. 	
<ul style="list-style-type: none"> Solving equations with unknowns on both sides 	<ul style="list-style-type: none"> To be able to form and solve equations with unknowns on both sides. 	<ul style="list-style-type: none"> To be able to solve equations related to real-life. 	

<ul style="list-style-type: none"> Plotting graphs with negative and fractional gradients 	<ul style="list-style-type: none"> To be able to plot linear graphs with negative of fractional gradients 	<ul style="list-style-type: none"> To be able to relate graphs to real life situations. 	<ul style="list-style-type: none"> www.corbettmaths.com www.drfrostmaths.com www.mathspad.co.uk BBC Bitesize CGP KS3 Revision Guides 	
<ul style="list-style-type: none"> Plotting graphs with negative and fractional gradients 	<ul style="list-style-type: none"> To be able to find points of intersection and gradients graphically 			
<ul style="list-style-type: none"> $y = mx + c$ 	<ul style="list-style-type: none"> To be able to use the general form of an equation to sketch a graph 		<ul style="list-style-type: none"> www.corbettmaths.com www.drfrostmaths.com www.mathspad.co.uk BBC Bitesize CGP KS3 Revision Guides 	
<ul style="list-style-type: none"> $y = mx + c$ 	<ul style="list-style-type: none"> To be able to use the general form of an equation to verify if points lie on a line 			
<ul style="list-style-type: none"> $y = mx + c$ 	<ul style="list-style-type: none"> To be able to use the general form of an equation to identify parallel lines 			
<ul style="list-style-type: none"> Real-life graphs 	<ul style="list-style-type: none"> To be able to interpret real-life graphs 			
<ul style="list-style-type: none"> Real-life graphs 	<ul style="list-style-type: none"> To be able to construct real-life graphs 			
End of Term 2				