

Key Stage 3 Curriculum Map 2020-21

Term 3

Subject: Mathematics		Year Group: 8	
Focus/Topic	Objectives	Key Skills	Home Learning/Resources
<ul style="list-style-type: none"> Statistics 	<ul style="list-style-type: none"> To averages from frequency tables. Frequency Polygons Types of data: qualitative, quantitative, discrete, and continuous. Representing Data. 	<ul style="list-style-type: none"> Relation to the real world Clear presentation Interpretation 	<ul style="list-style-type: none"> Corbett Maths Dr Frost Maths Maths Pad KS3 CGP Revision Books Previous Mathematics lessons on teams
<ul style="list-style-type: none"> Probability 	<ul style="list-style-type: none"> To be able to use a sample space diagram to justify that for independent events, A & B, $P(A \text{ and } B) = P(A) \times P(B)$. To be able to calculate the estimated number of successes for a set number of trials. Relative Frequency. Introduction to set notation within Venn Diagrams. Two way tables. 	<ul style="list-style-type: none"> Relation to the real world Reasoning Conversion between percentages and decimals 	

<ul style="list-style-type: none"> Geometrical Reasoning 	<ul style="list-style-type: none"> To use angle properties to problem solve. To be able to calculate the interior and external angles of regular polygons. To find angles within parallel lines and justify. To find bearings. 	<ul style="list-style-type: none"> Reasoning Recall facts Solving equations Pattern spotting Generalisation Pattern spotting Use of a pair of compasses and protractor 	<ul style="list-style-type: none"> Corbett Maths Dr Frost Maths Maths Pad KS3 CGP Revision Books Previous Mathematics lessons on teams
<ul style="list-style-type: none"> Year Overview 	<ul style="list-style-type: none"> To be able to solve problems which connect numerous topics. 	<ul style="list-style-type: none"> Exam Practice 	
Summer Break			