



Year 8

Term 5

Stage	Description		
	Section A Averages	Section B Scatter graphs	Section C Transformations
Emerging	<ul style="list-style-type: none"> Can organise data into a suitable data collection sheet. Ensure that data collected is clear and ordered. 	<ul style="list-style-type: none"> Understand the meaning of 'correlation'. Identify the different types of correlation. 	<ul style="list-style-type: none"> Complete a rotation of a shape given the centre of rotation. Describe fully a rotations stating direction, degrees travelled and centre of rotation.
Developing	<ul style="list-style-type: none"> Construct and interpret graphs Select appropriate graphs and charts Organise data into pie charts. 	<ul style="list-style-type: none"> Interpret a scatter diagram using understanding of correlation. Plot information onto a scatter graph accurately. 	<ul style="list-style-type: none"> Complete the reflection of a shape in a specified line of reflection. Know the vocabulary of enlargement Find the centre of enlargement
Secure	<ul style="list-style-type: none"> Construct a frequency table for discrete data Calculate the mean value from a table of discrete data. 	<ul style="list-style-type: none"> Interpret and extract information from scatter graphs including using the graph to make predictions. 	<ul style="list-style-type: none"> Find the scale factor of an enlargement Use the centre and scale factor to carry out an enlargement with positive integer (fractional) scale factor Describe the translation of a shape.
Excellence	<ul style="list-style-type: none"> Construct a grouped frequency table for continuous data Interpret a grouped frequency table for continuous data 	<ul style="list-style-type: none"> Interpret a range of charts and graphs Draw conclusions using graphs and justify decisions. 	<ul style="list-style-type: none"> Measure and state a specified bearing Construct a scale diagram involving bearings Use bearings to solve geometrical problems