Year 8 — Term 6

Stage	Description		
	Section A Prerequisites	**Section B** Averages	**Section C** Data Spread
Emerging	• Can solve an array of problems including number, algebra shape and statistics.	• Can identify is a graph is showing discrete or continuous data. • Can read data from a graph. • Can represent data on a chart.	• Can represent data on a pie chart. • Can find the area and circumference of a circle.
Developing	• Can complete a frequency table. • Can complete a grouped tally chart. • Can represent data using pictograms and bar charts. • Can find a fraction of an amount. • Know the angles in a full turn. • Can express an amount as a fraction. • Can identify the different types of data.	• Can create an enquiry from data. (hypothesis) • Understand the difference between primary and secondary data. • Can collect data using a tally chart. • Can design and critique a questionnaire. • Draw and interpret multiple bar charts, pie charts & line charts. • Can find and interpret the range from data.	• Can find the averages and range from a list. • Can solve problem using averages from a list.
Secure		• Can create grouped frequency diagrams. • Can find and interpret the range from data. • Can create grouped frequency diagrams.	• Can choose an appropriate average to investigate data. • Can compare averages and spread. • Can identify outliers and their effect on averages.
Excellence		• Can criticise misleading charts, justifying their answers. • Can compare distributions using charts. • Can form and solve equations with pie charts	• Can find the averages from a frequency table and investigate their findings.