YEAR 8

HALF TERM 6

What? **When?** **Why?**	**Lesson 1** **Learning intentions** (what can a student do at the end of the lesson)	**Lesson 2** **Learning intentions** (what can a student do at the end of the lesson)	**Lesson 3** **Learning intentions** (what can a student do at the end of the lesson)	**Lesson 4** **Learning intentions** (what can a student do at the end of the lesson)
Week 1	How to collect data Set up a statistical enquiry	Draw and interpret pictograms, bar charts and vertical line charts	Draw and interpret multiple bar charts (compound and composite)	Draw pie charts
Week 2	Interpret pie charts	Draw and interpret line graphs	Choose the most appropriate diagram for given set of data Identify misleading graphs	Represent and interpret grouped quantitative data
Week 3	Compare distributions using charts	Find and interpret the range	Understand and use the mean, median and mode	Choose the most appropriate average
Week 4	Find the mean from an ungrouped frequency table (H)	Find the mean from a grouped frequency table (H)	Identify outliers	Compare distributions using averages and the range
Week 5	Sharing into ratio recap	Simplifying ratio recap	Working with scale factors recap	Working with fractions recap
Week 6	y = mx + c recap	Gradients and intercepts of straight line graphs recap	Simplifying expressions, expanding brackets and factorising into a single bracket recap	Solving equations recap
Week 7	Solving inequalities and finding integers solutions to inequalities recap	Standard form recap	Angles in parallel lines recap	Angles in polygons recap