Year 7 Term 2

Learning Aim	Emerging	Developing	Securing
Averages	Find mode and range from a list	Find all four averages from a list Interpret averages from stem and leaf	**Find missing value in a list with a given mean**
Examples	Work out the mode, median, mean and range for the data set: 4, 2, 12, 3, 14, 2, 9, 13	$$\begin{array}{c|l} 0 & 8\ 8\ 9 \\ 1 & 1\ 2\ 3\ 4\ 4\ 8\ 9 \\ 2 & 0\ 3\ 5\ 5\ 7\ 7\ 8 \end{array}$$ Key 4|1 stands for 41	Five numbers; 20, 26, 32, 28, x have a mean of 26. Work out x
Statistics	Create tally and frequency tables for grouped and ungrouped data. Draw & interpret bar chart & pictograms	Draw & interpret compound & dual bar charts and stem & leaf diagrams. Draw pie charts Understand types of data (continuous, discrete)	Interpret pie charts Compare data
Examples			What is the modal group? What information do you need to work out what each sector represents?
Transformation	Reflect simple shapes in vertical or horizontal lines	Draw and describe translation using words and vector notation. Reflect in y = n or x = m	
Examples			

Extension opportunities	Introduction to:
Statistics	Back to back stem and leaf Averages from tables

You can find practice on all the topics taught this term at Mathsworkout.co.uk.
Login: sarum.   Password: solid92

Go to Statistics, sections: 01,02,03,04,07,08
Choosing the right level of difficulty for you within each topic area.