Year 6 - Statistics

National Curriculum Aims

➢ interpret and construct pie charts and line graphs and use these to solve problems.

➢ relate 2 variables on a graph or chart .

➢ calculate and interpret the mean as an average.

Key Vocabulary

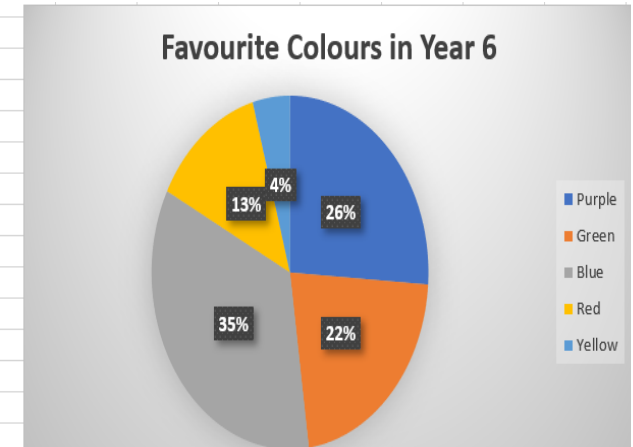| Average	A calculated central value of a set of numbers.
Axis	The "x" and "y" lines that cross at right angles to make a graph.
Construct	To draw a shape, line or angle accurately.
Data	A collection of facts, such as numbers, words, measurements and observations.
Interpret	Finding and understanding data from a graph/chart.
Line graph	Is a graph formed by joining the plotted points that represent given data.
Mean	A calculated central value of a set of numbers.
Pie Chart	A circular graph, which is divided into slices to illustrate numerical proportion.
Table	Information (such as numbers and descriptions) arranged in rows and columns

Home Learning

- Can you do a survey using your family / extended family and then but the results into a table, line graph and a pie chart?

Core Knowledge and Representations

Pie Chart

Colour	Number	Percentage
Purple	6	26%
Green	5	21%
Blue	8	35%
Red	3	13%
Yellow	1	5%
	23	

Favourite Colours in Year 6

Line Graph

Elf the puppy's weight