



# Statistics

## INTERPRETING, CONSTRUCTING AND PRESENTING DATA

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
I know how to make a simple Venn diagram and bar chart to record data	I know how to interpret and construct simple pictograms, tally charts, block diagrams and simple tables	I know how to interpret and present data using bar charts, pictograms, Carroll and Venn diagrams	I know how to interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	I know how to complete, read and interpret information in tables, including timetables	I know how to interpret and construct pie charts and line graphs and use these to solve problems
	I know how to ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity			I understand and can apply the concepts of Mode, Mean, Median and range (with a strong focus of mean)	I know to link the data within a Pie Chart to %, fractions and decimals
	I know how to ask and answer questions about totalling and comparing categorical data				

## SOLVING PROBLEMS

		I know how to solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.	I know how to solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	I know how to solve comparison, sum and difference problems using information presented in a line graph	I know how to calculate and interpret the mean as an average
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