



Statistics

INTERPRETING, CONSTRUCTING AND PRESENTING DATA

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
experiment with their own symbols and marks, as well as numerals.	develop own ways of recording data with symbols, marks and numerals.	record data informally.	interpret and construct simple pictograms, tally charts, block diagrams and simple tables [1, 2, 5, 10 groupings]	interpret and present data using bar charts, pictograms and tables including halfway between numbered intervals	interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	complete, read and interpret information in tables, including timetables	interpret and construct pie charts and line graphs and use these to solve problems
			ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	understand data presented using different scales			
			ask and answer questions about totalling and comparing categorical data				

SOLVING PROBLEMS

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			solve one-step questions (e.g. Which is the most popular?) using simple pictograms, tally charts, block diagrams and tables.	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.	solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	solve comparison, sum and difference problems using information presented in a line graph	calculate and interpret the mean as an average

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