

Maths Progression Document Statistics Year 2 - 6

Key Vocabulary	Year 2 Vocabulary count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, list, table, label, title, most popular, most common least popular, least common	Year 3 Vocabulary chart, bar chart, frequency table Carroll diagram, Venn diagram axis, axes diagram	Year 4 Vocabulary survey, questionnaire, data
Year group	Year 2	Year 3	Year 4
Key skills	<ul style="list-style-type: none"> • Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. • Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. • Ask and answer questions about totalling and comparing categorical data 	<ul style="list-style-type: none"> • Interpret and present data using bar charts, pictograms and tables. • Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables 	<ul style="list-style-type: none"> • Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. (cc data logging computing) • Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
Notes	Statistics is not covered in the National Curriculum until Year 2. However, Reception and Year 1 children should be exposed to the language of Year 2 where possible through practical work and within gathering data for other subjects in the curriculum e.g. science.		
Key Vocabulary	Year 5 Vocabulary Database, bar line chart, line graph, maximum/minimum value, outcome	Year 6 Vocabulary Pie chart, mean (mode, median, range as estimates for this) statistics, distribution	
Year group	Year 5	Year 6	
Key Skills	<ul style="list-style-type: none"> • Solve comparison, sum and difference problems using information presented in a line graph. • Complete, read and interpret information in tables, including timetables. 	<ul style="list-style-type: none"> • Interpret and construct pie charts and line graphs and use these to solve problems. • Calculate the mean as an average 	