		Representing and interpreting data	When Vocabulary is first introduced
EYFS	2. Pattern and early number (Autumn)	• recognise, create and describe patterns • describe and create patterns that are the same and different • create representations for numbers 1, 2 and 3	Same Different Above Before Below Between Compare Count Describe Fewer First Last Less More Next Order Pair Pattern Second Set Sort Total Venn Diagram
Year 1		Y1 does not focus on specific graph skills. Number skills are practised and focused on to help with proficiency and accuracy when reading and representing data.	

Year 2	Graphs (Autumn)	• 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	Pictogram Tally Tally chart Block diagram Table
Year 3	Graphs (Autumn)	• 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	Bar graph Axis (axes -plural) Horizontal
Year 4	Interpreting and presenting data (Autumn)	• solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs • interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	Discrete Continuous Time graph Grid Interval Line graph Plot Point
Year 5	Line graphs and timetables (Autumn)	• solve comparison, sum and difference problems using information presented in a line graph • complete, read and interpret information in tables, including timetables • solve problems involving converting between units of time	Timetable Average (mean)

Year 6		-Read and represent data using pie charts Previous learning consolidated through maths meeting and mastery style questions.	Origin Pie Chart Proportion Quadrant