

Statistics

Present and interpret data.					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<p>To interpret and construct simple horizontal and vertical pictograms, tally charts, block diagrams and simple tables.</p> <p>To draw pictograms where the symbols represent 2s, 5s and 10s.</p> <p>To interpret pictograms when half a symbol is used.</p> <p>To compare different representations of data.</p>	<p>To interpret horizontal and vertical pictograms and generate their own questions about this.</p> <p>To interpret a pictogram when a quarter, half and three quarter symbol is used.</p> <p>To construct pictograms.</p> <p>To interpret bar charts with scales of 1, 2, 5 or 10.</p> <p>To construct bar charts using scales of 1, 2, 5 or 10.</p> <p>To compare bar charts and pictograms.</p> <p>To collect data as a tally chart and represent their own data using a pictogram or bar chart.</p> <p>To interpret data from 2 way tables.</p>	<p>To interpret bar charts and pictograms</p> <p>To solve problems by interpreting bar charts and pictograms.</p> <p>To interpret line graphs</p> <p>To draw line graphs where the horizontal axis is a measure of time.</p>	<p>To complete, read and interpret information in tables, including timetables.</p> <p>To interpret and draw line graphs for different sets of data that call for a different range of intervals.</p>	<p>To interpret line graphs with more than one line and use these to solve problems.</p> <p>To compare a single bar chart to a dual bar chart.</p> <p>To interpret dual bar charts and use these to solve problems.</p> <p>To read and interpret pie charts and solve problems.</p> <p>To draw pie charts</p> <p>To calculate and interpret the mean as an average use the formula $\text{mean} = \frac{\text{total number}}{\text{number of items}}$.</p>
Links with other areas.					
	<p>2x table, 5x table, 10x table</p> <p>Addition and subtraction</p>	<p>Addition and subtraction</p>	<p>Fractions, time, measure (mass as not covered in measure unit)</p>	<p>Time, measure, fractions</p> <p>Addition and subtraction</p>	<p>Time, measure, negative numbers, fractions, percentages</p>

Statistics

			Addition and subtraction		Addition and subtraction
Solve statistical problems.					
<p>Key questioning to be used from Y2-Y6 when interpreting representations of data.</p> <p>How many ... in total? How many more...? What is the difference between ___ and ___ ? What is the sum of _____ ? What is the total of ___ combined? Estimate _____</p> <p>Reading tables, Venn diagrams, and visual problems to be used throughout all units.</p>					
	To ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. To ask and answer questions about totalling and comparing categorical data.	To 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.	To solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	To solve comparison, sum and difference problems using information presented in a line graph	To calculate and interpret the mean as an average.
Key Vocabulary					
	Pictogram, symbol, tally, block diagram, table, key	2 way table, scales, axis	Line graph	Timetable	Pie chart, mean, dual bar chart
Ready to Progress					