

Handling Data

Foundation Phase - range	Nursery	Reception	Year 1	Year 2	KS2 - range	Year 3	Year 4
<p>Collect, represent and interpret data: <i>Sort and classify sets of objects using one or more criteria.</i></p> <p><i>Collect data for a variety of defined purposes and from a variety of sources, including ICT</i></p> <p><i>Represent collected data initially using real objects, pictures or diagrams, progressing to a variety of simple charts, graphs, diagrams, tales or databases.</i></p>	<p>Sort and match objects or pictures by recognising similarities. Sort objects as part of classroom routines.</p>	<p>Sort objects using one criterion, be aware of contrasting qualities. Recognise when an object is different and does not belong to a familiar category.</p>	<p>Sort and classify objects, demonstrating the criterion used.</p> <p>Collect data and make and organise a table. Make and organise a list</p> <p>Collect information by voting or sorting and represent it by drawing or placing objects or pictures.</p>	<p>Sort objects and classify them using more than one criterion.</p> <p>Gather information and record results in simple lists, tables, diagrams and block graphs.</p> <p>Collect data and make a simple block graph. Make a simple pictogram where the symbol represents one unit.</p>	<p>Collect, represent and interpret data:</p> <p><i>Collect data from a variety of defined purposes, including those that arise from their own questions, and from a variety of sources.</i></p> <p><i>Use and present data in a variety of ways including tables, pictograms, charts, bar charts, line graphs, diagrams, text and ICT.</i></p> <p><i>Calculate and use the mode, median, mean and range of a set of discrete data.</i></p> <p>Understand and use probability:</p> <p><i>Use everyday language for early ideas of probability.</i></p> <p><i>Know the likelihood of an event lies between impossible and certain.</i></p>	<p>Classify objects, numbers or shapes according to two criteria and display on a Carroll or Venn diagram.</p> <p>Collect data and make a simple frequency table. Use data from a frequency table and a bar chart with vertical axes labelled in ones, then twos.</p> <p>Decide which data to collect and make a simple pictogram where the symbol represents two units. Use a simple graphing program to enter and display data.</p>	<p>Use Venn and Carroll diagrams to display information about shapes or numbers.</p> <p>Extract and interpret information presented in simple tables and lists. Construct and interpret bar charts and pictograms. Collect data and make a tally chart. Interpret a bar chart with the vertical axis marked in multiples of 2,5,10 or 20.</p> <p>Use data collected in another subject and make a pictogram where the symbol represents several units.</p>