



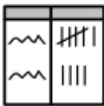

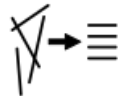



Year 2 Computing – Data and Information

Vocabulary			Knowledge	
Data	Information that could be facts, numbers or names		<p><u>Pictograms and block diagrams</u></p> <p>Data can be numbers, words or figures that can be used to understand information.</p> <p>Objects can be organised into groups, based on what they are or their properties (features). Data about different groups can be recorded and presented by using pictograms, tally charts and block charts. This data can answer questions and solve problems.</p>	
Pictograms	A chart that uses pictures to display information		<p>A pictogram is a chart that uses pictures to display data. They can be made using pen and paper or they can be made using a computer.</p> <p>The key on a pictogram is used to tell you what each picture stands for.</p>	
Block chart	A chart that uses blocks to display information		<p>A block chart works in a similar way to pictograms, except each object is presented as a block.</p>	
Grouping	Sorting objects into groups		<p>Computers can be programmed to count the amounts in each group.</p> <p>Objects can be put into different groups. These groups can be made up of objects that are the same, or objects that have the same properties. Computers can be used to put the different objects into groups.</p>	
Tallying	Collecting and recording data using tally marks		<p>Tallying helps to record as we count the objects. We write the tally marks in groups of five to make it easier to group.</p>	
Tally chart	A chart that uses tally marks to display information in groups of 5		<p>Tally charts are used to collect data about the number in each group quickly.</p>	
Compare	To describe the similarities or differences of items		<p>We can use computer programs like J2data to help create pictograms and block charts more effectively.</p>	
Organise	To arrange things in an order		<p>Pictograms can be used to answer questions and solve problems.</p>	
Attribute	A feature of an object that can be used to describe and compare items			
Most common	The highest number of an item in a group			

Skills

Types of charts

Collect data from your family about their favourite colour. Record your data in the tally chart and create your own chart.

Colour	Total
Red	
Blue	
Green	
Other	

Create your own pictogram



Favourite colours



Using the completed tally chart, complete the pictogram.

