

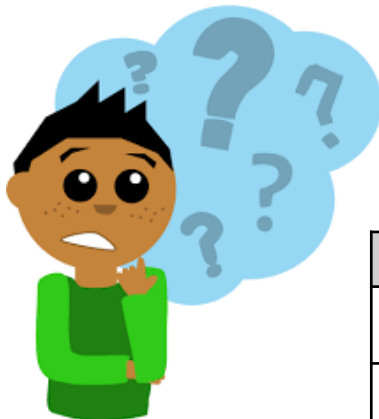


Waterbeach Community Primary School

Curriculum Capture for Year 1/2 Computing: Questioning

Key Knowledge							
<p>What can a pictogram show us?</p> <p>On a pictogram, data is represented by pictures. Pictograms are set out in the same way as bar charts, but instead of bars they use columns of pictures to show the numbers involved. Each pictogram has a key to show you the value of one picture.</p> <div style="text-align: center; margin: 10px 0;"> <p>Fruit Collected</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">Banana</td> <td style="padding: 5px 10px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">Apple</td> <td style="padding: 5px 10px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">Cherry</td> <td style="padding: 5px 10px;"></td> </tr> </table> </div>	Banana		Apple		Cherry		<p>How can I use yes and no questions to separate information?</p> <p>On a binary tree information is organised through a series of questions that can only be answered 'yes' or 'no'. Eventually only one item is left in the category which forms the end of a branch of the binary tree.</p> <div style="text-align: center; margin: 10px 0;"> </div>
Banana							
Apple							
Cherry							
<p>How do I use a database to answer questions?</p> <p>A database is a way of storing information in such a way that it can easily be searched. Databases are designed to hold lots of information that would be difficult to search without using a computer.</p>							

Vocabulary	
Pictogram	A diagram that uses pictures to represent data.
Question	A sentence written or spoken to find information.
Data	Facts and statistics collected that can provide information.
Collate	Collect and combine (texts, information, or data).
Binary Tree	A simple way of sorting information into two categories.
Avatar	An icon or figure representing a person in a video game, Internet forum or other online format.
Database	A computerised system that makes it easy to search, select and store information.



Useful Websites
https://www.purplemash.com/sch/waterbeach2question
https://www.purplemash.com/sch/waterbeach2count
https://www.purplemash.com/sch/waterbeach2investigate