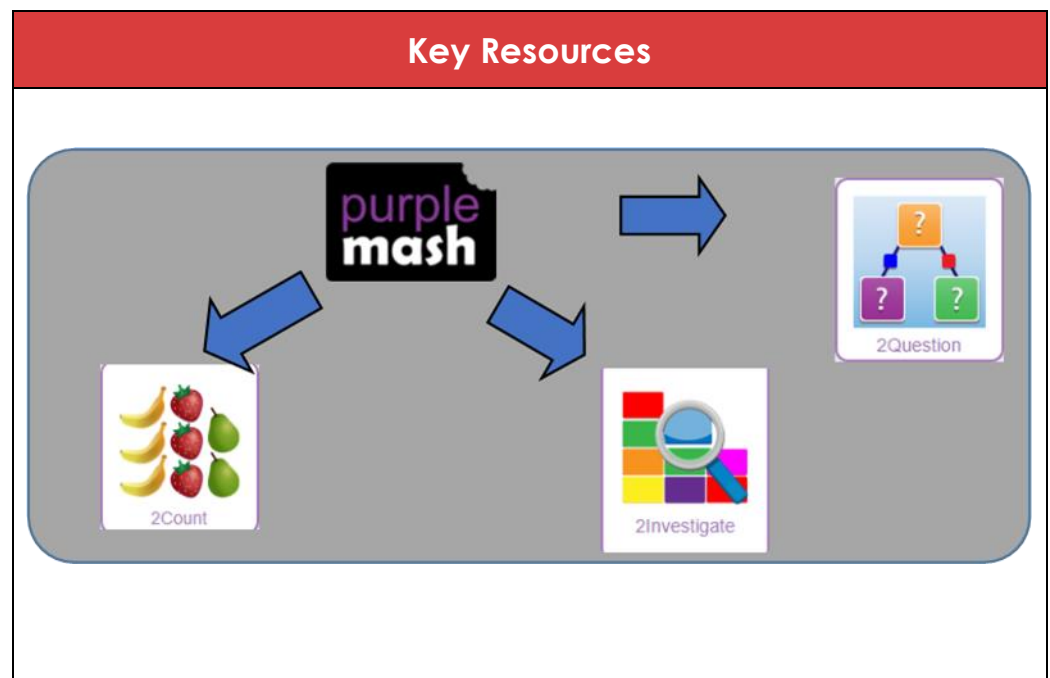




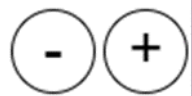

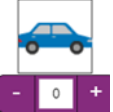



# Year 2 - Questioning

## Knowledge Organiser

Key Learning
<ul style="list-style-type: none"> <li>To learn about data handling tools that can give more information than pictograms.</li> <li>To use yes/no questions to separate information.</li> <li>To construct a binary tree to identify items.</li> <li>To use 2Question (a binary tree database) to answer questions.</li> <li>To use a database to answer more complex search questions.</li> <li>To use the Search tool to find information.</li> </ul>



Key Vocabulary	Definition
<b>Question</b>	A sentence written or spoken to find information.
<b>Data</b>	Facts and statistics collected together that can provide information.
<b>Binary Tree</b>	A simple way of sorting information into two categories.
<b>Database</b>	A computerised system that makes it easy to search, select and store information.

Images			
Open, Close, Share 	Save your work 	Add or delete columns 	Frequency 
Add or delete objects from the Pictogram 	Add a question to sort the information in a binary tree 	Give a name to the binary tree <div style="border: 1px solid gray; padding: 5px; display: inline-block;">Title</div>	Find information in a database 
Sort, group and arrange information in a database 			

Questions	
<b>How does a Pictogram show information?</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>How is information organised in a binary tree?</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>How can a database help organise information?</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>