

Enquiry Question: What is a branching database?

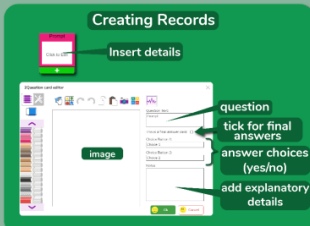
**Data**

A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision making.

**Database**

A collection of data organised in such a way that it can be searched, and information found easily.

**Creating Records**



**Binary questions**

- Is the object red?
- Is the object a food?
- Is the object used to write with?

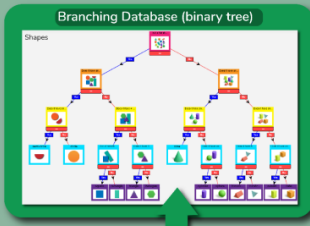
**Non-binary questions**

- What colour is the object?
- What is the object used for?

**Binary Question**

A closed question with only two answers — for example, 'yes' or 'no'.

**Branching Database (binary tree)**




**Questioning**

- Can you work out what the questions are?
- Where could these shapes go in the database?

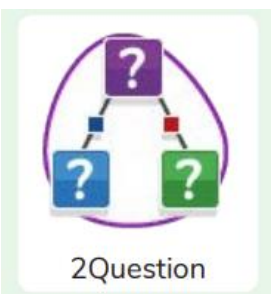
**Binary Questioning**

Can you think of some binary questions for these collections of items?



What should I already know?	What will I know at the end of the unit?
<ul style="list-style-type: none"> <li>I can use 2Calculate image, lock, move cell, speak, and count tools to make a counting machine.</li> <li>I know how to copy and paste in 2Calculate.</li> <li>I can use the totalling tools.</li> <li>I can use a spreadsheet for money calculations.</li> <li>I can use the 2Calculate equals tool to check calculations.</li> <li>I can use 2Calculate to collect data and produce a graph.</li> </ul>	<ul style="list-style-type: none"> <li>I can sort objects using just 'yes' or 'no' questions.</li> <li>I can complete a branching database using 2Question.</li> <li>I can create a branching database of the children's choice.</li> </ul>

Key Vocabulary
Binary Tree Branching Database Data Database Debugging

Key Resources
 <p>2Question</p>