

# COMPUTING

## How to create a database

1 Select a template

2 Choose a library set

3 Choose 6-8 objects to sort

4 Click on **sort**

5 Add questions to sort objects, e.g.

Is it fruit?

6 Drag all objects into the yes or no boxes

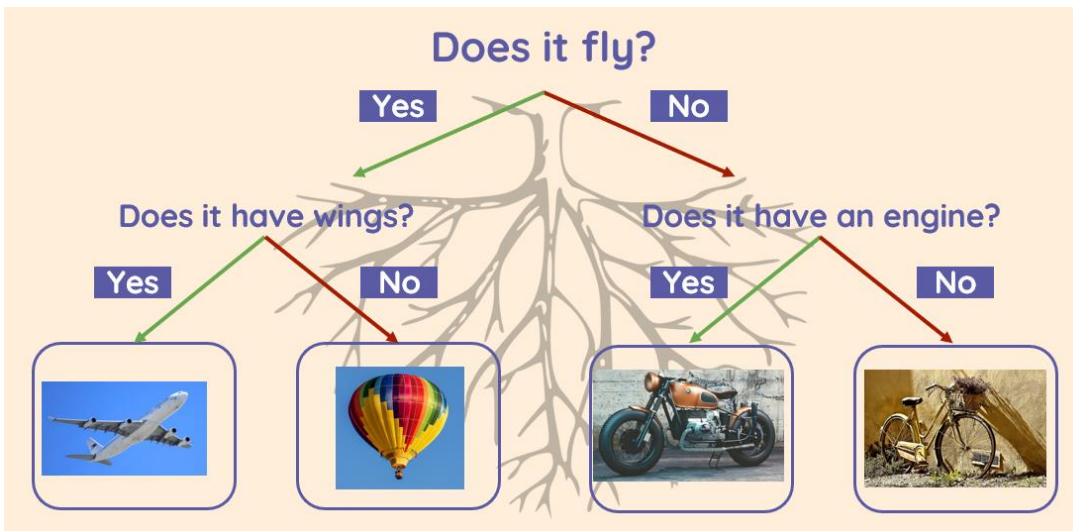
7 Click on **ok**

8 Add another question to sort again

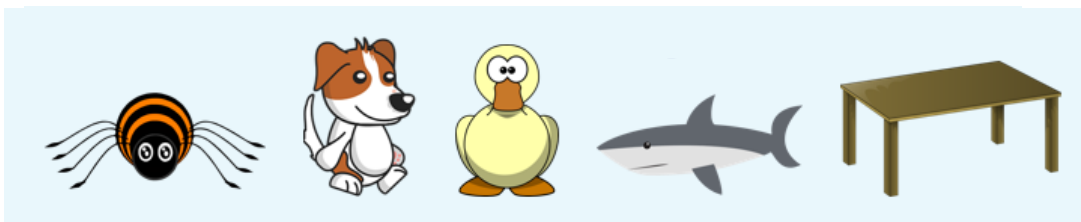
Choose a question and divide your items into two groups.

Ensure you are organising the objects by their attributes accurately.

Do the questions focus on the correct attributes?  
Have the objects been organised into the correct groups?  
What could make the database better?



**Branching databases** use questions to help separate items. This level of data collection groups items by linking them to key questions. For example, a *helicopter* might be paired with the hot air balloon as it flies but does not have wings.



Items can be separate by **attributes**. An attribute is a way of describing things, such as colour, diet, habitat, size, pattern or number of legs. So a question you could ask is, 'How many legs?'

### Key Vocabulary

<b>Database</b>	An organised collection of information, data or items
<b>Branching database</b>	A tool used to classify groups of objects. It is to help identify objects by answering questions with either 'yes' or 'no'.
<b>Attributes</b>	A property of an object or person
<b>Identification tool</b>	A program used to help you with decision making
<b>Collection</b>	A group of objects gathered for study or databases
<b>Property</b>	The qualities which a material possesses. For example, an object may be <b>stripy</b> or <b>soft</b> or tall
<b>Software</b>	A program or instructions that tells the hardware (device) what to do
<b>Program</b>	A series of instructions given to a computer so that it can carry out a certain action
<b>System</b>	A system is a group of related things that work together as a whole