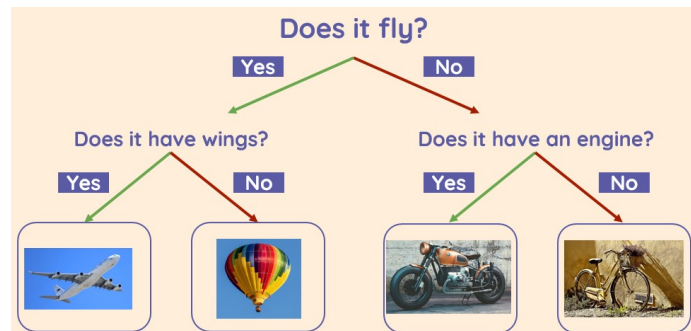


Teach  
Computing

A branching database is a collection of data organised in a tree structure using yes/no or true/false questions. In computer science, these are known as binary trees.



Branching databases can be used for...

## Identifying objects



Is it black?  
Does it have wings?  
Does it have spots?

## Finding faults



Is the power lead connected?  
Is the screen working?  
Is anything damaged?

## Health problems



Do you feel warm?  
Do you have a headache?  
Are you tired?

Attributes

An attribute is a way of describing things, such as:

- colour
- diet
- habitat
- size
- pattern
- number of legs



It is important to order questions carefully to ensure that objects are separated as evenly as possible.

**Key Vocabulary**

|            |                                                                            |
|------------|----------------------------------------------------------------------------|
| compare    | To examine or look for the difference between two or more things           |
| online     | Relating to or connected to a computer                                     |
| open-ended | Some questions are open-ended. You can give an opinion or add more detail. |
| separate   | To divide into parts                                                       |
| value      | E.g: If 'colour' is the attribute name, 'red' is the attribute value       |