

### Key Knowledge

To create questions with yes/no answers	<ul style="list-style-type: none"> <li>I can create two groups of objects separated by one attribute</li> <li>I can investigate questions with yes/no answers</li> <li>I can make up a yes/no question about a collection of objects</li> </ul>
To identify the object attributes needed to collect relevant data	<ul style="list-style-type: none"> <li>I can arrange objects into a tree structure</li> <li>I can create a group of objects within an existing group</li> <li>I can select an attribute to separate objects into groups</li> </ul>
To create a branching database	<ul style="list-style-type: none"> <li>I can group objects using my own yes/no questions</li> <li>I can prove my branching database works</li> <li>I can select objects to arrange in a branching database</li> </ul>
To explain why it is helpful for a database to be well structured	<ul style="list-style-type: none"> <li>I can compare two branching database structures</li> <li>I can create yes/no questions using given attributes</li> <li>I can explain that questions need to be ordered carefully to split objects into similarly sized groups</li> </ul>
To identify objects using a branching database	<ul style="list-style-type: none"> <li>I can create questions and apply them to a tree structure</li> <li>I can select a theme and choose a variety of objects</li> <li>I can use my branching database to answer questions</li> </ul>
To compare the information shown in a pictogram with a branching database	<ul style="list-style-type: none"> <li>I can compare two ways of presenting information</li> <li>I can explain what a branching database tells me</li> <li>I can explain what a pictogram tells me</li> </ul>

### Statutory requirements

select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

### Key vocabulary

Spelling	Definition
<b>Attribute</b>	An <b>Attribute</b> can be used to <b>group data</b> . E.g. a colour is an attribute
<b>Pictogram</b>	A chart that uses <b>pictures</b> or symbols to <b>represent data</b>
<b>Structure</b>	A building or other object <b>constructed from several parts</b>
<b>Value</b>	In computers, a value is usually a <b>number</b> , a <b>single character</b> or a <b>string of characters</b>

### Possible experiences

- Create your own branching databases with your own themes etc. using; [JIT5 \(j2e.com\)](http://JIT5(j2e.com))
- Research careers involving branching databases and see how it applies in real life
- Learn more about Databases and branching databases on; [Working with data - BBC Bitesize](#)

## Branching databases

