Year 3 Branching Databases

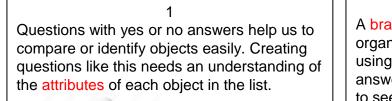| Computer Science / Digital Literacy /	**Information Technology**

retrieval

Y2 pictograms
Y1 grouping
data

🔒 Digital Safety: being a digital citizen

Promises made to other people are important to keep as they help us be responsible to others. Being a good digital citizen means we pledge to be safe online in a responsible and balanced way.

Vocabulary

Digital citizen	Being responsible online.	**Branching database**	Online structure for a set of objects using yes/no questions
pledge	Promise made to others.	**j2data**	Data program for making branching databases on with living things.
attributes	Features of objects including size, shape and colour.	**Information**	Detail about objects used to compare them.

What?

1

Questions with yes or no answers help us to compare or identify objects easily. Creating questions like this needs an understanding of the attributes of each object in the list.

2

A branching database is a way to evenly organise a set of objects by their attributes using careful questioning with a yes or no answer. Look closely at the types of question to see what makes some database more efficient and successful than others.

3

You can use J2data layout to plan a branching database of your own. There are a variety of living things to select from so that you can create comparison yes/ no questions which split the chosen group equally. You can choose how to order and arrange each question for the best effect.

4

Create a branching database by selecting information to identify different types of dinosaur, based on the paper-based version that you have already created. Then test that your database works, before considering how these could be used in the real-world.