Branching Databases

Y34 - CYCLE B - AUTUMN 1

I have already learned:

- How to sort and group objects in different ways
- How to identify what makes groups of objects similar or different
- How to label groups
- How to order groups of objects

KNOWLEDGE GEMS

I am going to learn:

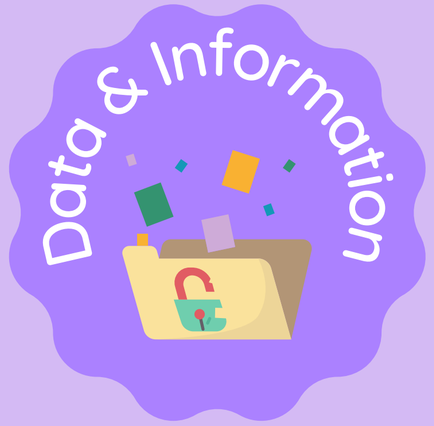
- To create questions with yes or no answers
- To select attributes to sort objects into groups
- To sort objects into a tree structure using yes/no questions
- To create a digital branching database
- To test and improve my branching database
- To compare two branching databases
- To suggest uses for branching databases in the real world

Outcome:
To create a database that will help someone identify types of dinosaur

Careers in data ×

Machine Learning Engineer

Teaching computers how to perform different tasks so that they can do them without human input



Vocabulary

data	A piece of information that has been collected for a purpose
collection	A group of objects or pieces of data which have some shared attributes
attribute	A word or a phrase that can be used to describe an object such as its colour, size, or price
seperate	To split something into groups
organise	To order or group things according to different attributes
branching	Like the branches of a tree, each branch splits off and becomes smaller, narrowing down the information
database	An organised collection of data

How computers work and how they are made.

How to use computers to create digital content.

How to be safe and responsible on computers.

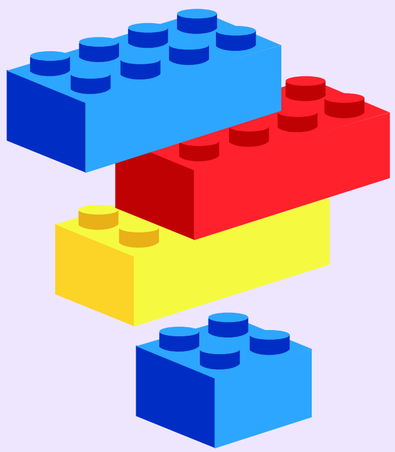
Which strands of computing have you been learning about today?

Useful Links

Lesson 3 link

Lesson 6 link

Building Blocks to E-Safety



E-Safety Tips

- Be careful when handling personal data - both your own and other people's. Make sure it is kept secure and not shared with anyone
- Make sure that sensitive information is protected by a strong password, and that that password is also stored securely, not written down somewhere anyone could find it
- When deciding on attributes you can use to sort people, make sure the categories you choose are sensible and unlikely to hurt anyone's feelings

"Data is just a summary of thousands of stories, you must tell those stories to make the data meaningful."