



Branching Databases (continued) and Simulations

Key Resources





When focusing on Simulations you will be:

- Learning what simulations are.
- Exploring simulations.
- Analysing and evaluating a simulation.

When focusing on branching databases, you will be...

- Sorting objects, using just 'yes' or 'no' questions.
- Completing a branching database using 2Question.
- Creating a branching database of your choice.

Key Resources




Key Vocabulary

Analysis
A detailed examination of something.

Modelling
The act of representing something, often on a smaller scale.

Simulation
A program that models a real-life situation. They let you try things out that would be too difficult or dangerous to do in real life.

Evaluation
To judge the value, condition or effectiveness of something.

Decision
The act or result of making a choice after careful thought.



Key Vocabulary

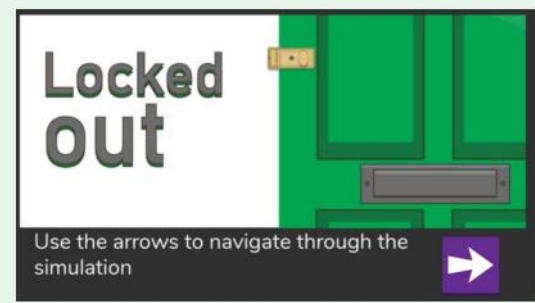
Binary Tree
Another name for a branching database.

Database
A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.

Branching database
Used to classify groups of objects. It is used to help identify the objects by answering questions with either 'yes' or 'no'. Branching databases can also be called binary trees.

Data
A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.

Debugging
The process of identifying and removing errors from computer hardware or software.



Locked Out
A lively dog causes problems for Mariza, her baby brother Sam and her mum.

Key Questions:

- What is meant by data?
- What is a database?
- What is a computer simulation?
- What kind of simulations are there?