



Key Learning:

To create questions with yes/no answers

- I can investigate questions with yes/no answers
- I can make up a yes/no question about a collection of objects
- I can create two groups of objects separated by one attribute

To identify the attributes needed to collect data about an object

- I can select an attribute to separate objects into groups
- I can create a group of objects within an existing group
- I can arrange objects into a tree structure

To create a branching database

- I can select objects to arrange in a branching database
- I can group objects using my own yes/no questions
- I can test my branching database to see if it works

To explain why it is helpful for a database to be well structured

- I can create yes/no questions using given attributes
- I can compare two branching database structures
- I can explain that questions need to be ordered carefully to split objects into similarly sized groups

To plan the structure of a branching database

- I can independently create questions to use in a branching database
- I can create questions that will enable objects to be uniquely identified
- I can create a physical version of a branching database

To independently create an identification tool

- I can create a branching database that reflects my plan
- I can work with a partner to test my identification tool
- I can suggest real-world uses for branching databases

Vocabulary:

attribute, value, questions, table, objects, branching, database, objects, equal, even, separate, structure, compare, order, organise, selecting, information, decision tree