



Mossfield Primary School Knowledge Organiser



Year 2 — **Databases and Graphing**. A database is a way of storing information. Databases are designed to hold lots of information that would be difficult to search without using a computer.

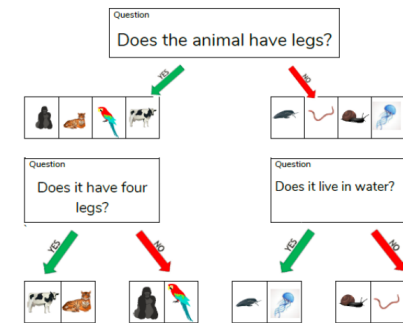
Key Learning

To learn about data handling tools that can give more information than pictograms.

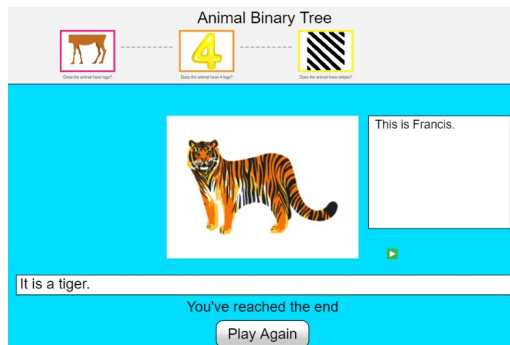
To use yes/no questions to separate information.



To construct a binary tree to identify items.



To use a binary tree database to answer questions.

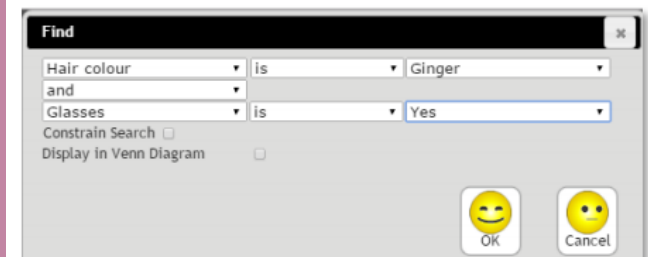


To use a database to answer more complex search questions.

12 records

	Name	Gender	Hair colour	Glasses	Wearing a tie	Above waist clothing	Below waist clothing
	Chantelle	Female	Ginger	Yes	No	Sweater	Skirt
	Daniel	Male	Black	No	Yes	Shirt	Shorts
	Fatima	Female	Dont' know	No	Yes	Blazer	Skirt

To use the search tool to find information.



Key Vocabulary

Avatar	An icon or figure representing a person in a video game, Internet forum or other online format.
Binary Tree	A simple way of sorting information into two categories.
Collate	Collect and combine (texts, information, or data).
Data	Facts and statistics collected together that can provide information.
Database	A computerised system that makes it easy to search, select and store information.
Pictogram	A diagram that uses pictures to represent data.
Question	A sentence written or spoken to find information.