



Key Vocabulary

Data	data is a collection of information. gathered by observation, questioning or measurement
Database	A structured collection of data organized so that groups of records can be identified
Record	Information in a database related to one individual or case
Sort	To rearrange the order of records in a database based on the values in the fields
Table	A data structure representing records as rows and fields as columns
Tree	A data structure represented as an upturned tree, using questions at branch points to separate data into categories until one item is left at each leaf
Leaf	The end points of a tree data structure, where no further questions are asked

Unit outcomes

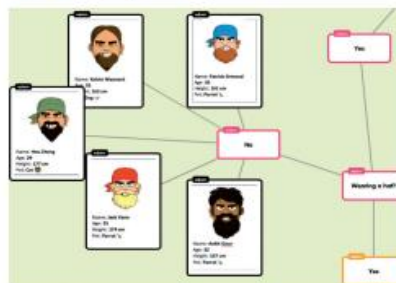
Below are some examples of the outcomes you could expect from this unit.



Session 1: Playing 'name the pirate'



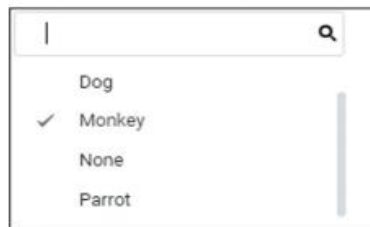
Session 2: Using Popplet to organise a dataset



Session 3: Organising the data into a tree in Popplet

	A	B	C	D	E	F
1	First name	Last name	Age	Height (cm)	Gender	Pet
2	Jack	Vane	25	174	Male	Parrot
3	Ted	Teach	23	180	Male	None
4	Patrick	Ormond	30	161	Male	Parrot
5	Edward	Pugwash	28	170	Male	Parrot
6	Charles	Kidd	33	157	Male	Dog
7	Lee	Roberts	28	181	Male	Monkey
8	Isaac	Drake	25	158	Male	None

Sessions 4 and 5: Creating a tidy table of pirate data which can be filtered



	A	B	C	D	E	F
1	First name	Last name	Age	Height	Gender	Pet
7	Lee	Roberts	28	181	Male	Monkey
13	Yen	Wong	21	172	Male	Monkey
26	Rachel	Nguyen	42	158	Female	Monkey
31	Zafrah	Rassi	21	159	Female	Monkey

Session 6: Applying filters to a database

Computing Skills learnt prior to this unit: EYFS:

- Knows that information come from computers.
- Completes a simple program on a computer.
- Recognise that a range of technology is used in places such as homes and schools.

Computing Skills learnt in this unit: Year One:

Digital literacy:

- begin to recognise common uses of information technology beyond school.

Information Technology:

- use technology to create, store and retrieve digital content.