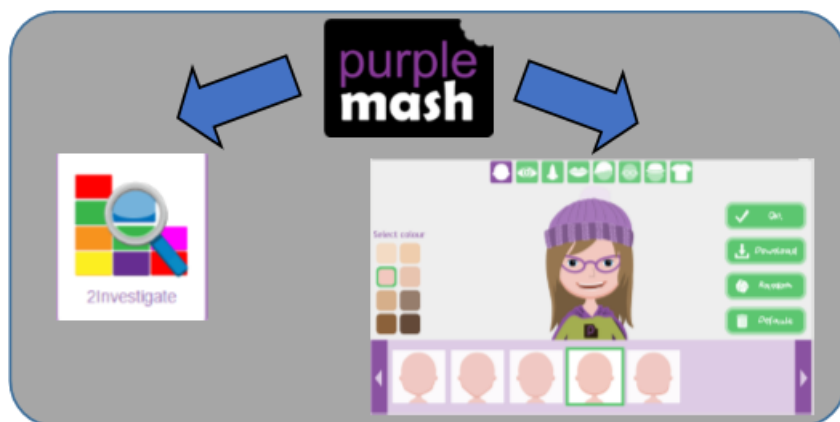


Unit: 5.4 – Databases

Key Learning

To learn how to search for information in a database.
To contribute to a class database.
To create a database around a chosen topic.

Key ResourcesKey Vocabulary

Avatar – An icon or figure representing a person in a video game, Internet forum, etc.

Binary tree (branching database) – A way to sort information by dividing the information into groups based upon questions with yes or no answers.

Charts – Representing information in a pictorial form.

Collaborative – Produced by, or involving, two or more parties working together.

Data – Facts and statistics collected together for information.

Database – A set of data that can be held in a computer in a format that can be searched and sorted for information.

Find - Search for information in a database.

Record – A collection of data about one item entered into a database.

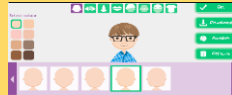
Sort, Group and Arrange – Different ways to sort information in a database so it is easy to read, understand and interpret.

Statistics and reports – To produce information about data in a database.

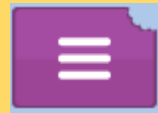
Table – Sorting information into rows and columns.

Key Images

Avatar creator



Open, save or share a file.



Design a new database



Add a record to the database



Find information in the database



Sort, group and arrange information.



Statistics and reports



Represent the information as a chart



Key Questions

What is a 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.

Why is the collaborative feature important?

Making a database collaborative allows lots of people to enter information into the database at the same time. This is a lot quicker than one person entering the data by themselves.

In what ways can I sort information in a database?

A database can hold lots of information so it is essential that information can be effectively investigated. In 2Investigate, data can be searched and sorted in a variety of ways. It can also be presented pictorially.