

Unit: 5.4 Databases

Key Learning

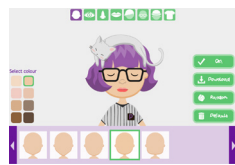
- To learn how to search for information in a database.
- To contribute to a class database.
- To create a database around a chosen topic.

Key Resources

**purple
mash**



2Investigate



Avatar builder

Key Questions

What is a database?

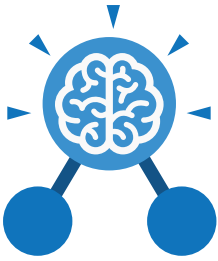
A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.

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.



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Key Vocabulary

Arrange

Sorting information in order against a search request.

Avatar

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

Chart

A diagram that represents data. Charts include graphs and other diagrams such as pie charts or flowcharts.

Collaborative

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

Data

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

Database

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

Field

A heading in a database record against which information is entered.

Record

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

Database Report

A way of producing a written paragraph that incorporates the data from the fields and records of the database.

Group

Putting similar pieces of information together in a database so it is easy to read, understand and interpret.

Search

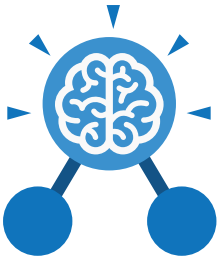
A way of finding information.

Sort

Organising data by a rule such as alphabetical or numerical.

Statistics

The study and manipulation of data, including ways to gather, review, analyse, and draw conclusions from data.



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Key Images



Open, close or share
a file



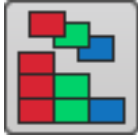
Design a new
database



Add a record to the
database



Find information in
the database



Sort, group and
arrange information



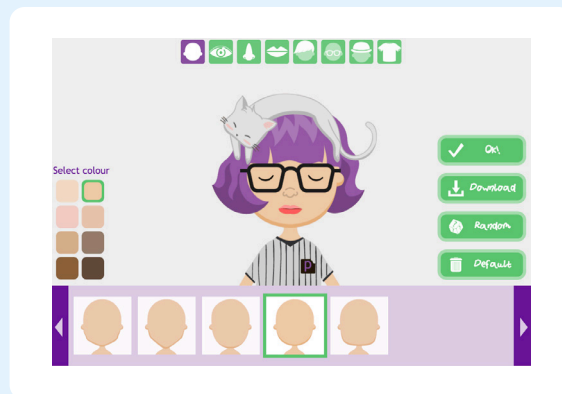
Statistics and reports



Represent the
information as a
chart



Table view of
records



Avatar creator