

## Unit: 5.4 Databases

### Key Learning

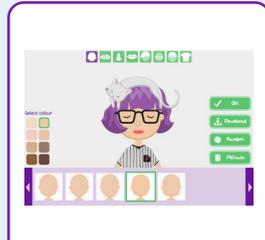
- To learn how to search for information in a database.
- To contribute to a class database.
- To create a database around a chosen topic.

### Key Resources

**purple  
mash**



2Investigate



Avatar builder

### Key Questions

#### What is a database?

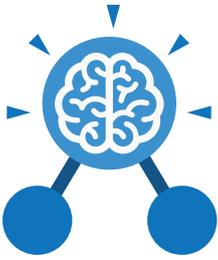
A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.

#### 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.



## Unit: 5.4 Databases

### Key Vocabulary

#### Avatar

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

#### Collaborative

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

#### Record

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

#### Binary tree (branching database)

A way to sort information by dividing the information into groups based upon questions with yes or no answers.

#### Data

Facts and statistics collected together for information.

#### Sort, Group and Arrange

Different ways to sort information in a database to it is easy to read, understand and interpret.

#### Charts

Representing information in a pictorial form.

#### Database

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

#### Statistics and reports

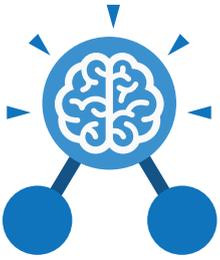
To produce information about data in a database.

#### Find

Search for information in a database.

#### Table

Sorting information into rows and columns.



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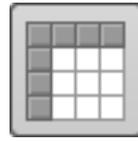
### Key Images



Open, close or share  
a file



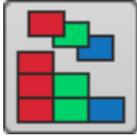
Design a new  
database



Add a record to the  
database



Find information in  
the database



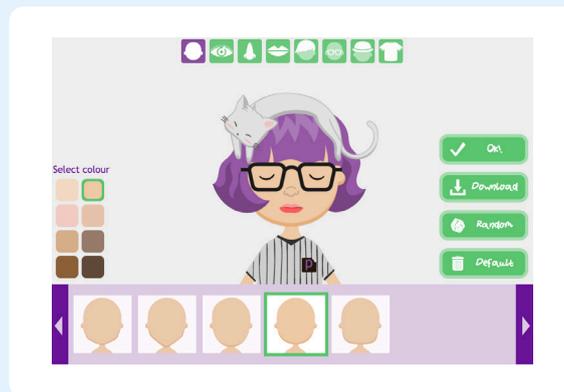
Sort, group and  
arrange information



Statistics and reports



Represent the  
information as a  
chart



Avatar creator