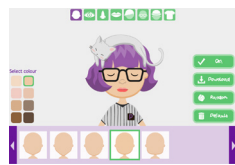# Unit: 5.4
## Databases

### 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
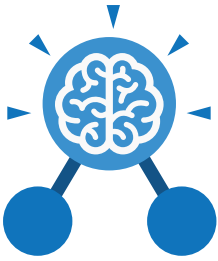
### Key Questions

**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.

2 simple

# 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.

### Database
A set of data that can be held in a computer in a format that can be searched and sorted for information.
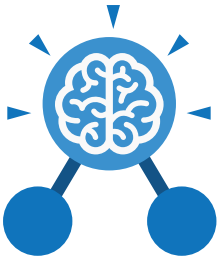
### Statistics and reports
To produce information about data in a database.

### Charts
Representing information in a pictorial form.

### Find
Search for information in a database.

### Table
Sorting information into rows and columns.

2 simple

# Unit: 5.4
## Databases

**Key Images**
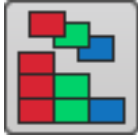
Open, close or share a file

Design a new database

Add a record to the database
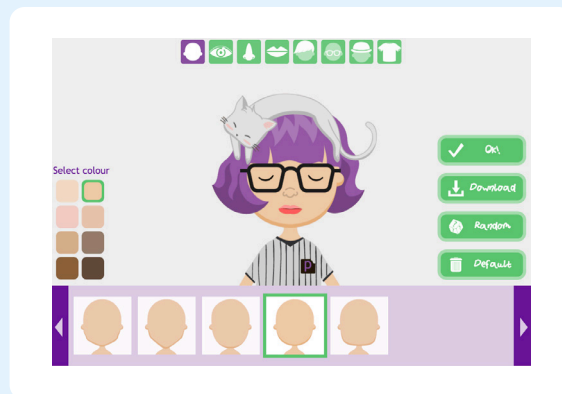
Find information in the database

Sort, group and arrange information

Statistics and reports

Represent the information as a chart

Avatar creator

2simple