



**Year Five and Six
Programme A**

Topic – [Data bases \(Information Technology\)](#)

Term: Spring 1

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 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 to 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 Skills

[Information Technology](#)

- Select, use and combine a range of software and use a wider range of devices to create a variety of digital assets such as programs, systems, databases, spreadsheets and multimedia content for a defined purpose.

Learning Links

Y4

Inputting and Interrogating data
Presenting data through line graphs

Y6

Organising data
Creating graphs and charts