Computing	Unit 5.4 - Databases	Year 5

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

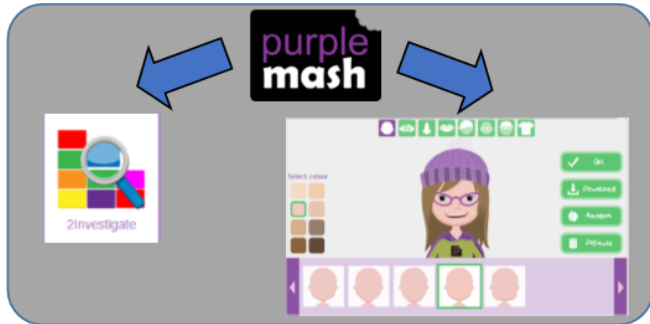|	
Avatar	An icon or figure representing a person in a video game, Internet forum, etc.
Binary tree (branching database)	A way to sort information by dividing the information into groups based upon questions with yes or no answers.
Charts	Representing information in a pictorial form.
Collaborative	Produced 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 Images

Avatar creator	
Open the main menu	
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 Resources

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.

PURPLE MASH COMPUTING SCHEME OF WORK