Over Hall Community School	Year: 5	Strand: Computing – Databases

What will I know by the end of the unit?

How do I search a database?

- You will understand the different ways to search a database. You will search a database to answer questions correctly.

How can I create a class database?

- You will can design an avatar for a class database. You will successfully enter information into a class database.

Will I create a topic database?

- You will create your own database on a chosen topic. You will add records to your database. You will know what a database field is and can correctly add field information. You will understand how to word questions so that they can be effectively answered using a search of your database

Key Vocabulary

- **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.
- **Group** Putting similar pieces of information together in a database so it is easy to read, understand and interpret.
- **Database Report** A way of producing a written paragraph that incorporates the data from the fields and records of the database.
- **Sort** Organising data by a rule such as alphabetical or numerical.
- **Search** A way of finding information.
- **Arrange** Sorting information in order against a search request.
- **Avatar** An icon or figure representing a person in a video game, Internet forum, etc.
- **Record** A collection of data about one item entered into a database
- **Search** A way of finding information.

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 Resources

- 2Investigate, Avatar Builder