



Databases

Key Words

Arrange – Sorting information in order against a search request.

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

Field- A heading in a database record against which information is entered.

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.

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

Data- A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.

Group- Putting similar pieces of information together in a database so it is easy to read, understand and interpret.

Statistics- The study and manipulation of data, including ways to gather, review, analyse, and draw conclusions from data.

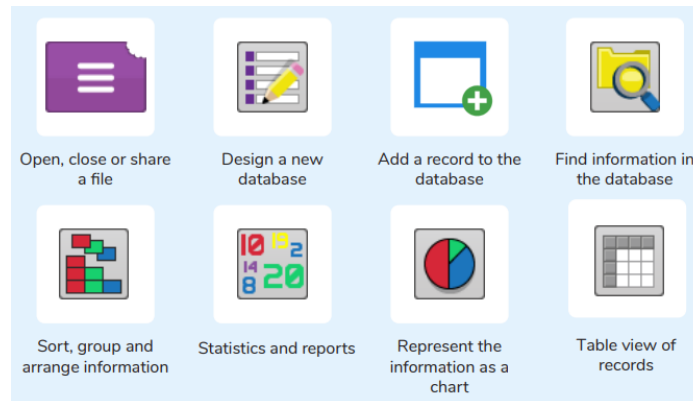
Chart- A diagram that represents data. Charts include graphs and other diagrams such as pie charts or flowcharts.

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

Key learning:

- To plan a game.
- To design and create the game environment.
- To design and create the game quest.
- To finish and share the game.
- To self and peer evaluate.

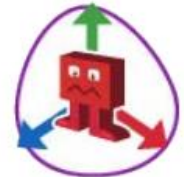
Key images



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



2DIY3D

Key questions

- What is a database?
- Why is the collaborative feature important?
- In what ways can I sort information in a database?

Key Resources



2Investigate



Avatar builder

3D Modelling

Key Words

3D- something that has three dimensions, height, width and depth.

CAD- Computer Aided Design- A CAD computer program or app allows you to design a 3D object or environment in 2D and visualize it in 3D on the screen in many angles.

Pattern fill- A tool to add a customized repeating pattern to the surface of the net.

Design brief- A document for a design project, defining the core details, including the goal and strategy.

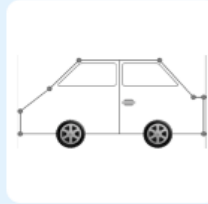
Points- The points on a 3D net that create the corners of the 3D shape.

3D Printing- The action or Process of making a physical object from a three-dimensional digital model, typically by laying down many thin materials in succession.

Net- What a 3D shape would look like if it were unfolded and flat.

Template- something that serves as a model for others to copy and edit.

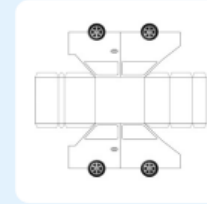
Key Images



2D Image



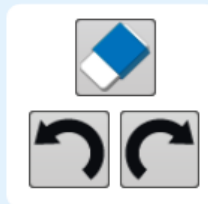
3D Image



Net View



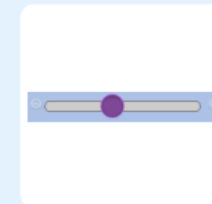
Colour Palette



Clear, Undo and Redo



Fill Options



Magnify

Key Resources



2D&M