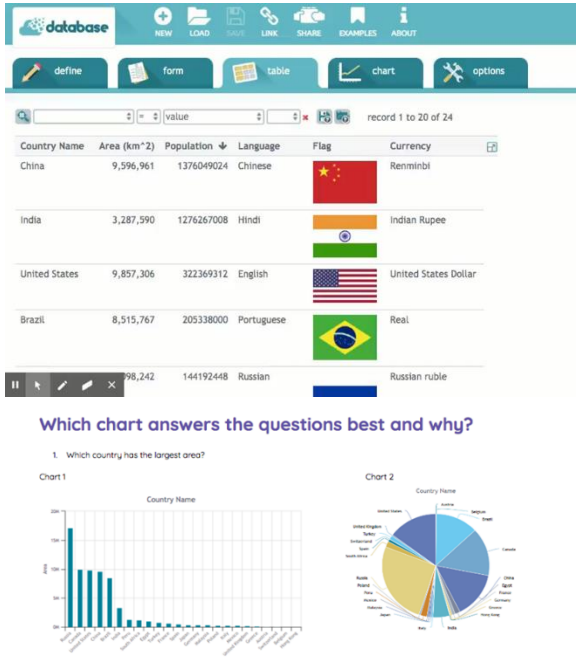
KNOWLEDGE ORGANISER

DATABASE	DATA AND INFORMATION	YEAR 5

Cross curricular links

Maths: Statistics and data analysis.

Pictures/photos relevant to topic



Key skills

- Learn how to create paper version of a record card database.
- Be able to use a computer-based database to examine how data can be recorded and viewed.
- Investigate how records are stored and sorted.
- Consider what makes a useful chart, and how charts can be used to compare data.
- Learners to use a real-life database to ask questions and find answers in the context of a flight search based on set parameters

Key Vocabulary/definitions

- **Data:** is raw unprocessed facts and figures without any context.
- **Information:** Information is data that has been processed, organised or structured to provide context and meaning.
- **Database:** A structured set of data held in a computer.
- Flat-file database: a single table that stores data in a structured format.
- **Sort:** To organise data according to similar characteristics.
- **Compare:** To review data to notice similarities or differences.

Key facts

How is digital data stored?

https://www.bbc.co.uk/bitesize/articles/z6rts82

Database

https://www.j2e.com/database/

Tables, graphs and charts

https://www.bbc.co.uk/bitesize/topics/z7rcwmn