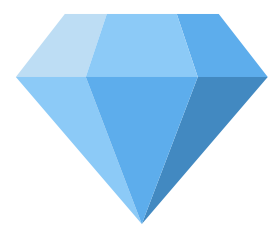
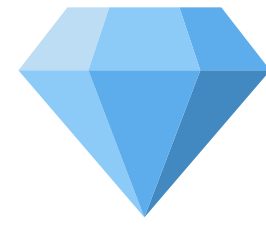


I have already learned:

- That attributes are words that can be used to describe a piece of data
- That data can be sorted using yes/no questions
- That data can be stored physically and digitally
- That a collection is a group of pieces of data that share the same or similar attributes



KNOWLEDGE GEMS



I am going to learn:

- To use a form to record information
- To explain what a field and a record is in a database
- To choose which field to sort data by to answer a given question
- To outline how 'AND' and 'OR' can be used to narrow down data selection
- To refine a search in a real-world context

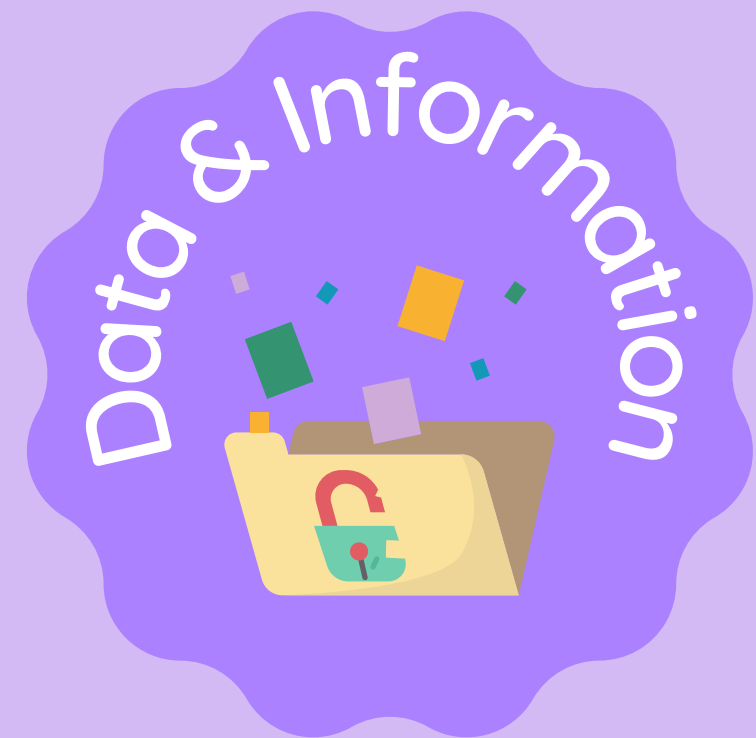
**Outcome:**

To use a flight checker database to plan a journey to another country

🔍 Careers in data ✕



**Data Analyst**  
Looking at and interpreting data to identify trends and help businesses to grow



Vocabulary

<b>data</b>	A piece of information that has been collected for a purpose
<b>database</b>	An organised collection of data
<b>record</b>	A set of data with numerous fields about a particular thing e.g. a person, country, object etc.
<b>field</b>	A specific piece of data contained within a record e.g. first name, date of birth etc.
<b>value</b>	The 'answer' to a particular field, e.g. the field might be 'First Name' and the value might be 'Stephen'
<b>form</b>	A window or screen that contains numerous fields or spaces to enter data
<b>grouping</b>	Collecting data into a group based on a shared attribute, e.g. colour



How computers work and how they are made.



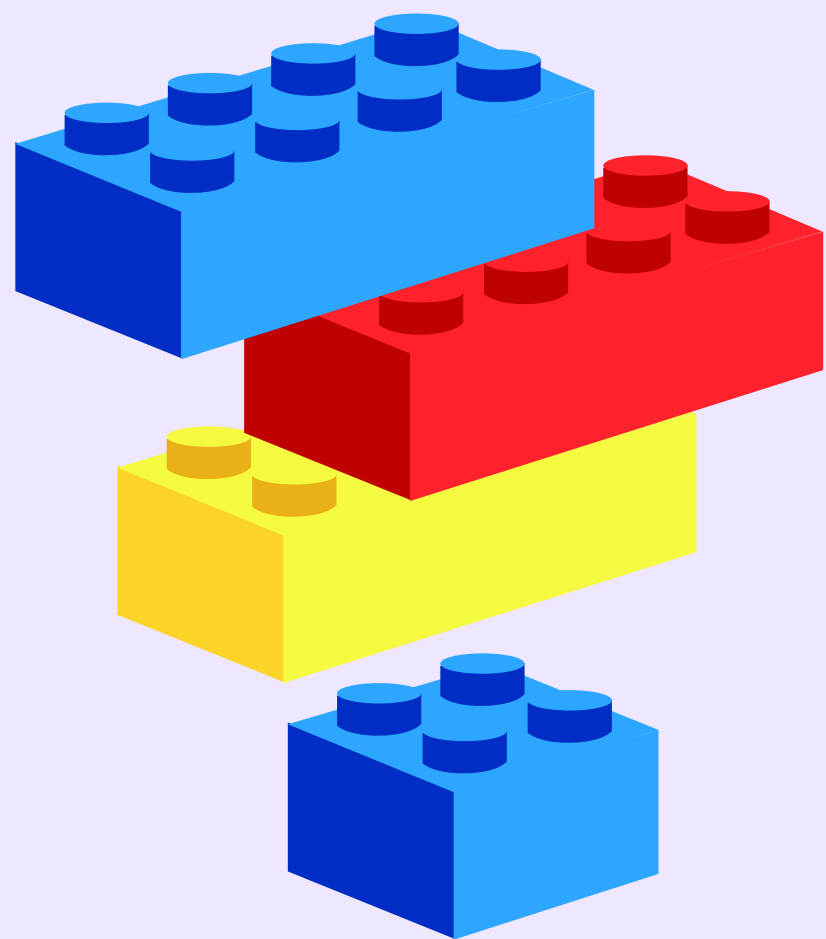
How to use computers to create digital content.



How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

## Building Blocks to E-Safety



### E-Safety Tips

- Be careful when handling personal data - both your own and other people's. Make sure it is kept secure and not shared with anyone
- Make sure that sensitive information is protected by a strong password, and that that password is also stored securely, not written down somewhere anyone could find it
- When deciding on attributes you can use to sort people, make sure the categories you choose are sensible and unlikely to hurt anyone's feelings

## Useful Links



“Data analytics is the future, and the future is NOW! Every mouse click, keyboard button press, swipe or tap is used to shape business decisions. Everything is about data these days. Data is information, and information is power.”