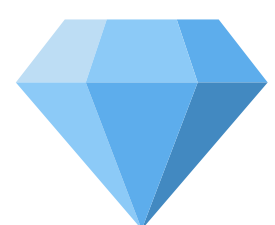
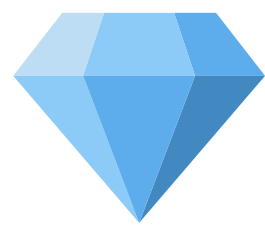


I have already learned:

- To collect and present data in different ways, including tallys, pictograms, block diagrams and branching databases
- To ask and answer questions using data I have collected



KNOWLEDGE GEMS



I am going to learn:

- To use a digital device to collect data automatically
- To explain how a data logger collects data over time
- To recognise how a computer can help us to analyse data
- To identify which data I would need to answer specific questions
- To use data from a data logger to answer questions

Outcome:

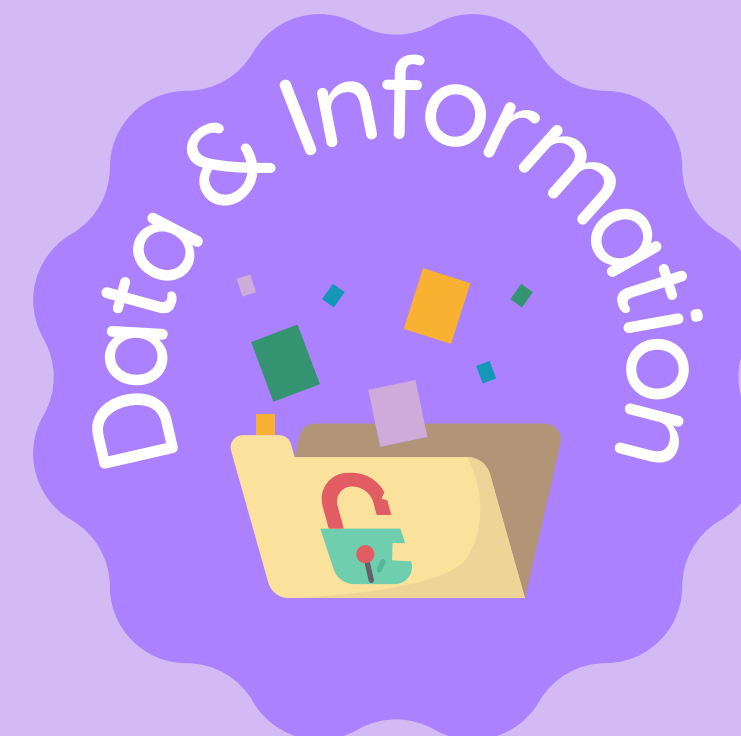
To create a set of questions and answer them using data from a data logger.

Q Careers in data x



Sports Statistician

Watching sports and collecting data on the competitors.



Vocabulary

data	A piece of information that has been collected for a purpose
sensors	An object which detects changes in the environment and sends this information to the computer
data logger	A device that records data over time
input	Information that is 'put in' to a device or computer
analyse	To look closely at information so we can understand more about it
interpret	To understand and explain the meaning of a set of data



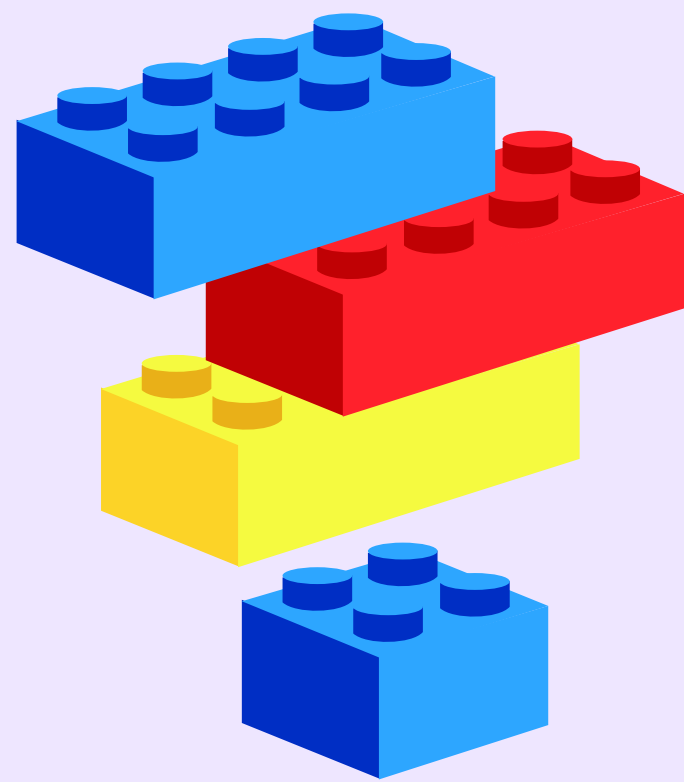
How computers work and how they are made.

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

- Always ask an adult for help before collecting any information or making charts on the computer
- Only use safe websites and apps recommended by your parents or teachers when collecting data online
- Never share personal information like your name, address, or phone number when collecting data or making charts.

Useful Links

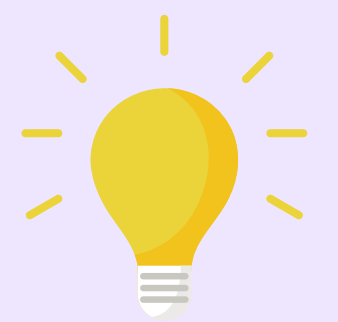


Try it at home!

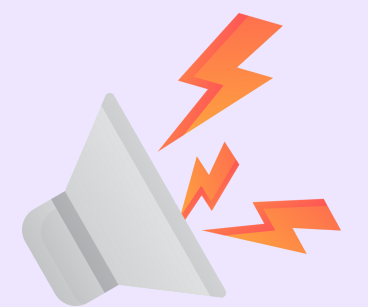
Did you know you can download the Arduino Science Journal app on a device at home and use it to log data? Make sure to get an adult's permission!

Why not try using it to answer these questions?:

What is the brightest place in your house?



What is the noisiest place in your house?



What other questions can you answer?