

Time Estimation

Pupil worksheet

Aim

To estimate lengths of time and consider how other factors can affect results.

Objective

This experiment gives you a chance to have a go at estimating times of up to 10 seconds by observing the length of time a black circle appears for.

A Carrying out the investigation

Design your experiment by thinking about what you would like to find out. For example:

Do you get better at estimating time with practice?

Are older people better at estimating time?

Can girls estimate time better than boys?

1. I would like to find out
2. My hypothesis is that
3. I am going to test participants. (How many?)
4. I am going to keep the same
(E.g. the number of attempts). This will be.....
5. I am going to change
(E.g. the age of the participants). This will be.....

Have a go at the online experiment.

B The Results

Make a graph of your results using the table of results from your experiment.

1. What do your results show?
2. What do your results mean?
3. Try using data from the website to test a different hypothesis.