Year 4: Computing– Data logging
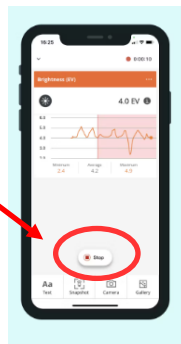
Arduino – App for data logging

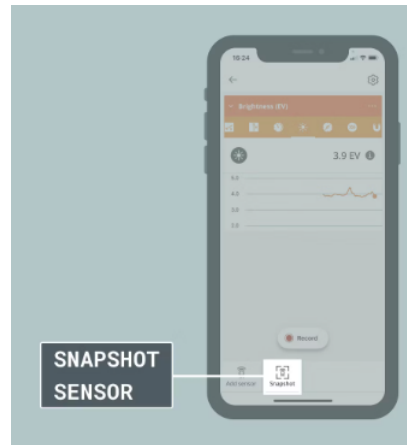**Text** – Allows you to change the name of your experiment and write any notes about your experiment.

Sensors – Choose which sensors you would like to use depending on what you are measuring (light, sound, pitch)

Camera – Allows you to upload any pictures of the area you are collecting data from.

Press the record button if you want to track sensor measurements over a period of time. Click the button again to stop the recording.

When using the sensors tool:

Add sensor – allows you to add another sensor to record more than one sense at a time.

Snapshot – allows you to take a snapshot of the sensor measurement at a specific time.

Data loggers

A data logger records data automatically and can measure it over a period of time. An advantage of this is that someone does not have to sit down for a long time and write all of the data down.

Key Vocabulary

Data: Raw numbers and figures.

Information: What we can understand from analysing the data.

Data loggers: A device that records data.

Logging: Recording information.

Sensors: Something that detects a change in the environment (e.g., sound, temperature, light)

Analyse: Looking at the results and studying them closely and carefully.

Interpret: Explaining the meaning of something.