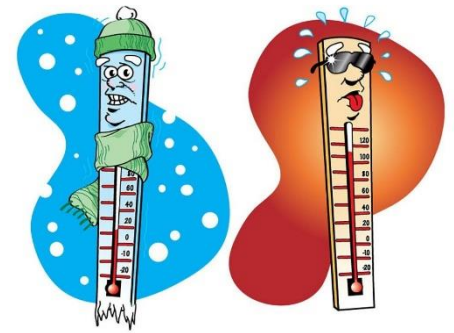


Year 4	4 Data Logging
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Key Learning:

To explain that data gathered over time can be used to answer questions

- I can choose a data set to answer a given question
- I can suggest questions that can be answered using a given data set
- I can identify data that can be gathered over time

To use a digital device to collect data automatically

- I can explain what data can be collected using sensors
- I can use data from a sensor to answer a given question
- I can identify that data from sensors can be recorded

To explain that a data logger collects 'data points' from sensors over time

- I can recognise that a data logger collects data at given points
- I can identify the intervals used to collect data
- I can talk about the data that I have captured

To recognise how a computer can help us analyse data

- I can view data at different levels of detail
- I can sort data to find information
- I can explain that there are different ways to view data

To identify the data needed to answer questions

- I can propose a question that can be answered using logged data
- I can plan how to collect data using a data logger
- I can use a data logger to collect data

To use data from sensors to answer questions

- I can interpret data that has been collected using a data logger
- I can draw conclusions from the data that I have collected
- I can explain the benefits of using a data logger

Vocabulary:

data, table, layout, input device, sensor, logger, logging, data point, interval, analyse, dataset, import, export, logged, collection, review, conclusion