

...heating effect of an electric current

Recording the data

Switch on the power to the heater.

Record for 20 minutes.

Using the results

What does the graph tell you about the change in temperature?

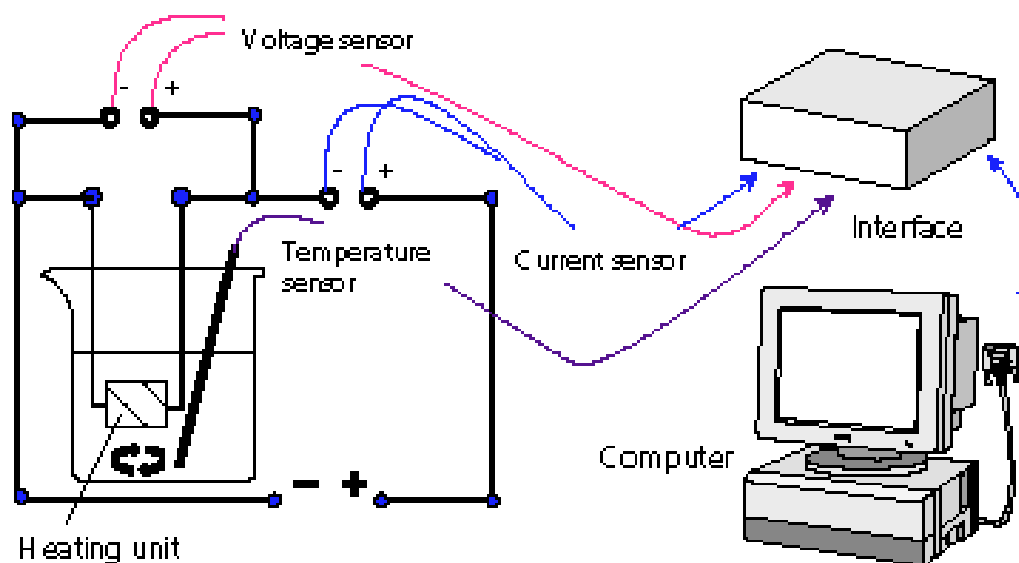
What does the graph tell you about the change in current?

What does the graph tell you about the change in potential difference?

Use the software to calculate the energy ($V \times I \times \text{time}$). Try to plot energy against temperature.

Save your data on disk.

Print the graphs.



Section

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Experiments

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