



How can you make a hot drink cool down faster? Which way is best?

You need

A cup, hot water and a bowl. Computer, printer and the temperature sensor.

Investigate

Care! You will be using hot water.

1. Get the computer ready to measure temperature.
2. Make two hot drinks
3. Get the computer to draw a time graph
4. Try to make one drink cool down faster by blowing on it.
5. Stop the recording after fifteen minutes. Now print the graph.

Questions

1. What was the temperature of your freshly made drink?
2. What was its temperature after fifteen minutes?
3. What did you do to make the second drink cool down faster?
4. What was its temperature after fifteen minutes?
5. Where do you think the heat in your drinks went to?

Extra

See if can find a better way to make your drink cool down.

What is the temperature of a hot drink ready for drinking?

