



Name: Form:

Based on pages 6 and 7 of *Keeping warm and cool*

Measuring water temperatures

Try this...

1. Set up a bowl of cold water and label it A. Set up a bowl of tap water and label it B. Set up a bowl of very warm water and label it C.
2. Measure the temperature of the water in each bowl.
3. Record the temperatures in the first line of the table below.

| Time (mins) | Water in bowl A °C | Water in bowl B °C | Water in bowl C °C |
|----------------|-----------------------|-----------------------|-----------------------|
| 0 | | | |
| 5 | | | |
| 10 | | | |
| 15 | | | |
| 20 | | | |
| 25 | | | |
| 30 | | | |

4. Repeat step 2 every ten minutes and record the results in the table.
5. When you have completed the results for 80 minutes, leave all three bowls for a day and record the temperatures again.

Looking at the results.

6. Make a graph of your results for each set of temperatures.
7. What do your results for the whole investigation show?



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