






Name: ..... Form: .....

Based on pages 20 and 21 of *Keeping warm and cool*

# How slowly do clothes lose heat?

Try this...

1. Chose three kinds of cloth and write down their names in the column headings in the table, underneath the words 'Cloth A', 'Cloth B' and 'Cloth C'.

Time (mins)	Cloth A (°C) 	Cloth B (°C) 	Cloth C (°C) 
0			
5			
10			
15			
20			
25			
30			

2. Predict which one will lose heat most slowly, and which one will lose heat most quickly. Complete these sentences:

The cloth which will lose heat most slowly will be  .....

The cloth which will lose heat most quickly will be  .....

3. Wrap each cloth around a beaker or jar.

4. Pour the same amount of very warm water into each container.

5. Take the temperature of the water in each container and record the readings in the first line of the table.

6. Every five minutes, take the temperature of the water in each container and record it in the table.

## Looking at the results.

7. How do the results match your predictions?

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