



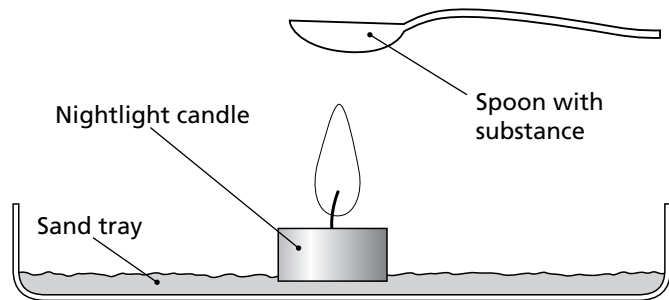
Name: Form:

Based on pages 6 and 7 of *Changing materials*

Heating carefully

Try this...

1. Look at the substances in the left-hand column of the table. Think what might happen to each substance if you heated it for one minute, as the diagram shows.



2. In the middle column of the table, write down your prediction for each substance.

Substance	Prediction	Result
Margarine		
Butter		
Egg white		
Sugar		

3. Take half a teaspoon of margarine and heat it carefully for one minute. Let the substance cool down.

4. Watch what happens to the substance.

5. In the third column of the table above, write down what you saw in the appropriate box.

6. Repeat steps 3 to 5 with butter and with egg white.

7. Put a sprinkling of sugar in the bottom of the spoon.

8. Heat the sugar carefully for one minute and watch what happens.

9. Write down what you saw in the appropriate box in the third column of the table.

Looking at the results.

10. Which substances undergo a reversible change and which substances undergo an irreversible change?



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