



Name: Form:

Based on pages 6 and 7 of *Changing from solids to liquids to gases*

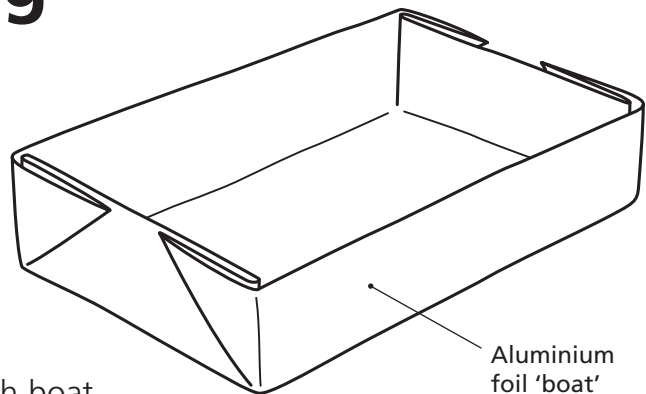
Looking at melting


Try this...

1. Fold a piece of aluminium foil to make a boat with sides about 1cm high as the diagram shows.

2. Make two more identical boats.

3. Put a 1cm cube of soft margarine in each boat.



4. Fill a bowl with water from the cold tap and take the temperature of the water in the bowl. 

5. Float one of the boats on the water and watch the cube of margarine for two minutes. Write down what you saw.



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6. Mix water from the cold and hot tap to make a bowl of water at 30°C.

7. Float a second boat on the water and watch the cube of margarine for two minutes. Write down what you saw.



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8. Mix water from the cold and hot tap to make a bowl of water at 45°C.

9. Float the last boat on the water and watch the cube of margarine for two minutes. Write down what you saw.



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Looking at the results.

10. What did the results show?



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