



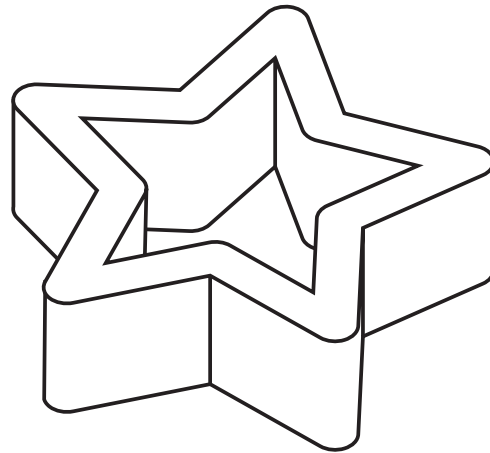
Name: Form:

Based on pages 12 and 13 of *Changing from solids to liquids to gases*

Make a solid star

Try this...

1. Take a lump of Plasticine and make it into a hollow star shape as the diagram shows. The star should be about 5cm across.



2. Put a pat of margarine in a teaspoon.

3. Set up a nightlight candle on a sand tray.

4. Put on the oven gloves, then hold the teaspoon a few centimetres above the candle flame until all the margarine melts.

5. Pour the molten margarine into the star mould.

6. Leave the margarine star to solidify.

7. If you repeated steps 1 to 6 with candle wax, would the star solidify more quickly or more slowly?



Explain your answer.









8. Repeat steps 1 to 6 with candle wax instead of margarine.

Looking at the results.

9. How does your prediction in step 7 compare with your result from step 8?



