



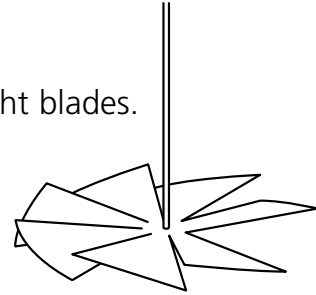
Name: Form:

Based on pages 10 and 11 of *Keeping warm and cool*

The convection detector

Try this...

1. Cut out the circle at the bottom of this sheet.
2. Cut along each dotted line. This will become a fan with eight blades.
3. Gently twist each blade to the left so that they are shaped like the fan in the diagram.



4. Make a small hole in the centre of the fan.
5. Tie several knots in the end of a thread until they make a small ball.
6. Thread the other end of the thread through the hole in the fan.
7. Push the fan down the thread until it rests on the knot ball.
8. Hold the fan as shown in the diagram. Raise your hand then lower it quickly.
9. What happened to the fan?

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10. Try to explain what you have seen.

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11. Hold the fan still above a lamp. Write down what you see.

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12. Try to explain what you have seen.

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