



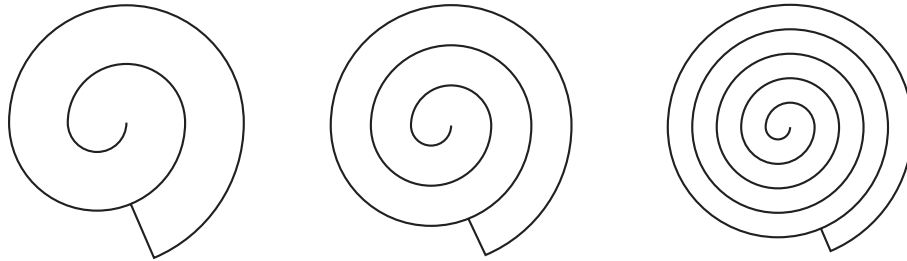
Name: ..... Form: .....

Based on pages 10 and 11 of *Gases around us*

# Hot air detectors

Try this...

1. Cut out three paper discs which each have a diameter of 11 centimetres.
2. Draw a spiral about 2 centimetres wide on the first disc.
3. Draw a spiral about 1.5 centimetres wide on the second disc.
4. Draw a spiral about 1 centimetre wide on the third disc.



5. Make a small hole in the centre of each disc, then cut out the spirals.
6. Make a knot near the end of a thread, then push the other end through the hole in the first spiral.
7. Repeat step 6 with the other two spirals.
8. Plan a fair test to see if all the spirals spin round at the same rate when held over a heat source. Write your plan here.



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9. If your teacher approves your plan, try it.

**Looking at the results.**

10. What did your results show?



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