



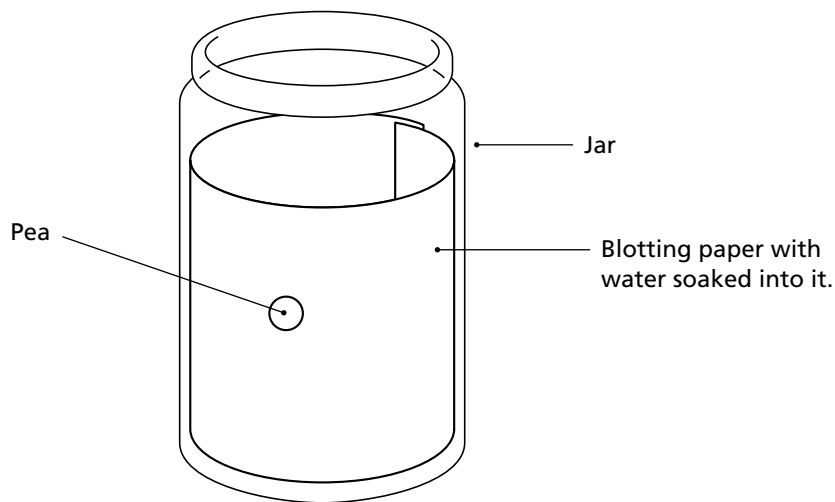
Name: ..... Form: .....

Based on pages 14 and 15 of *Helping plants grow well*

# Looking at root growth

## Try this...


**1.** Look at the jar which has been set up like the one in the diagram. It is a jar with a piece of blotting paper holding a single pea against the wall of the jar. There is a little water in the jar and this has soaked up into the blotting paper.



**2.** Draw the pea in your jar on a sheet of paper. Write the date next to it.


**3.** Look at the pea every day and if there has been a change, make another drawing on a new piece of paper and write the date next to it.

**4.** After two weeks, look at your pictures and see if you can answer these questions.

(a) On which day did the seed break open?  .....

(b) On which day did the root start to appear?  .....

(c) On which day did the root produce a side root?  .....

(d) After ten days, where were the longest side roots found?  .....

(e) How long was the longest root after two weeks?  .....

(f) What did you find covering part of the roots?

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