

Worksheet 1.4 Observing and recording flower structure



- 1** Collect a flower. Your teacher may give you a flower, or you can find one for yourself.
- 2** Study the flower carefully. Try to find each of the following parts:
 - petals – the coloured parts, perhaps with guidelines on them
 - sepals – a circle of structures outside the petals
 - anthers – the parts that make pollen; they are on the end of the stamens
 - stigma – the part that catches pollen
 - ovary – the part near the base of the flower, which contains ovules.
- 3** Place the flower on a wooden or cork surface. Using a sharp knife, cut it in half from top to bottom. Your teacher will show you how to do this.

Look for the ovule or ovules inside the ovary.
- 4** Now make a large drawing of one half of your flower. Remember to:
 - use a sharp pencil, and have a good eraser ready for when you need it
 - try to make each line smooth and clean
 - try to get the shapes and relative proportions of the different parts of the flower approximately correct
 - make your drawing large, but leave space around it to write labels.



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5 Label your diagram. Remember to:

- use a ruler to draw label lines
- make sure the end of the label line touches the structure you are labelling
- do not let label lines cross one another
- do not write labels on top of your drawing
- write your labels horizontally.

