

# Investigating Soils

Take a sample of soil from outside.

Where did your soil come from?

What plants were growing there?

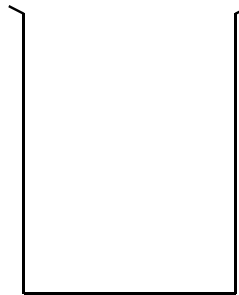
1. Use a plastic spoon to remove any creatures or evidence of animals from the soil.
2. Remove any small stones.
3. Remove any parts of plants.
4. Does the soil feel damp?

You have just discovered what soil is made from. List the contents of soil below.

- 1.
- 2.
- 3.
- 4.

Use a small amount of soil to colour in the box. What colour is the soil?

Take a sample of soil, put it in a clear jar, add water and shake well. Leave the mixture to settle for one day.



Using the picture of the jar above, draw and label what happens to the soil.

How many centimetres of coarse, medium and fine particles are there?

Coarse	Medium	Fine
cm	cm	cm

Take some soil in your hand, add a few drops of water to it and rub it between your fingers.

Does it feel ...

**Gritty**                            **Smooth?**

Do the particles ...

**Fall apart**                        **Stick together?**

My soil is:            *sand* ..... *loam* ..... *clay*