

Y1 Plants

KS1 Y1 Science · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Name the parts of a sunflower from the bottom to the top.

Step 1 · Start under the soil

Roots

Step 2 · Move up out of the soil

Stem, with leaves growing from it

Step 3 · At the very top

The flower, with yellow petals and seeds in the middle

Answer: Roots → stem → leaves → flower (petals and seeds)

Check: Most flowering plants have these same parts, just in different shapes and sizes.

2. Now try one with the steps

Why does a plant need its roots?

Step 1 · Think about where roots are

Step 2 · Think about their two jobs

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Which part of the plant grows under the soil?

2. Which part of the plant holds it up and carries water?

3. What colour are most leaves?

4. What do we call the coloured parts of a flower?

5. What does a flower make so that new plants can grow?

6. Which part of the plant catches sunlight?

7. Why do flowers have bright petals?

8. What is the stem of a tree called?

9. A tulip has 6 petals. Two fall off. How many petals are left?

10. Maya's bean plant has 3 leaves on Monday and 5 leaves on Friday. How many new leaves grew?

11. Name the 4 main parts of a flowering plant.

12. What might happen to a plant if its roots were pulled out of the soil?

13. Give one way a sunflower and a daisy are the same, and one way they are different.

4. Before you hand it in

Thinking trees are not plants.

If it has roots, a stem and leaves and grows from a seed, it is a plant.

Mixing up the job of roots and the job of leaves.

Roots = underground, water. Leaves = in the air, sunlight.

Thinking the flower is the whole plant.

Look all the way down — and remember the roots hiding under the soil.

Thinking all flowers look the same.

Compare different flowers closely. Look for what is the same is different.