

Y3 Plants

KS2 Science · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Describe the two jobs of the roots.

Step 1 · Where are the roots?

Underground, spreading through the soil

Step 2 · Job 1

Anchor the plant so wind and rain don't knock it over

Step 3 · Job 2

Absorb (take in) water and nutrients from the soil

Answer: Roots anchor the plant in the soil and absorb water and nutrients.

Check: Two A's: Anchor and Absorb.

2. Now try one with the steps

Why are most leaves wide and flat?

Step 1 · What do leaves need to make food?

Step 2 · How does a wide, flat shape help?

Answer:

3. Practice

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

1. Name the FOUR main parts of a flowering plant.

2. Which part of the plant makes food?

3. Which part holds the plant in the ground?

4. What is the job of the stem?

5. Which part of the plant makes seeds?

6. Why do many flowers have bright petals?

7. What do roots take in from the soil?

8. What three things do leaves need to make food?

9. Do plants get their food from the soil?

10. Why do trees have such long, spreading roots?

11. Put the life cycle in order: growth, seed, seed dispersal, germination, flowering.

12. A daisy has 20 petals. Lily picks 3 daisies. How many petals is that?

13. A carrot is a root we eat. Name ONE leaf we eat.

14. A plant has been pulled out of the ground and left on the path. Why does it wilt so quickly?

4. Before you hand it in

Plants get their food from the soil.

Plants make their own food in their leaves using light, air and water.

The stem is just a stick that holds the flower.

The stem supports the plant AND carries water up to the leaves and flowers.

Germination means the plant flowering.

Germination is when a seed starts to grow a root and a shoot.

Roots only hold the plant in place.

Roots anchor the plant AND absorb water and nutrients.