

The Potato Story

The Potato Story – Quiz: Growing Plants (Answer Sheet)

How much do you know about plants and how they grow?

Check your knowledge and do the quiz.

Question 1. What is the job of the stem?

- a) It takes water to all parts of the plant
- b) It attracts bees and butterflies
- c) It makes food for the plant

Answer: a) Yes, the stem acts as a straw to take water to all parts of the plant.

Question 2. Where does a plant usually get its nutrients?

- a) The air
- b) The water
- c) The soil

Answer: c) Yes, the plant needs to get nutrients and minerals that usually come from the soil.

Question 3. Plants grow from ...

- a) Seeds
- b) Leaves
- c) Petals

Answer: a) Yes, plants grow from seeds.

Question 4. What do the roots not do?

- a) Help the plant to walk
- b) Anchor the plant
- c) Take up nutrients and minerals

Answer: a) A plant will move a little bit over time, but plants do not walk!

Question 5. What job does the flower do?

- a) Holds the plant up
- b) Takes in water
- c) Attracts bees, butterflies and other insects

Answer: c) Yes, flowers are often brightly coloured or perfumed to attract insects.

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Question 6. What does the leaf of a plant do?

- a) Takes water to other parts of the plant
- b) Makes food for the plant
- c) Anchors the plant to the ground

Answer: b) Yes, the leaf uses sunlight and carbon dioxide from the air to make food for the plant.

Question 7. What is the male part of the plant called?

- a) Carpel
- b) Stigma
- c) Stamen

Answer: c) Yes, the stamen is the male part of the plant – its job is to make pollen.

Question 8. What is the female part of the plant called?

- a) Stamen
- b) Carpel
- c) Filament

Answer: b) Yes, the carpel is the female part of the plant, where the seeds are formed. There are 3 parts to it, the stigma, style and ovary.

Question 9. Which of these is not a method of dispersal of seeds?

- a) Birds
- b) Wind
- c) Cars

Answer: c) Yes, of course cars do not disperse seeds!

Question 10. What is the process called where plants make their own food?

- a) Photosynthesis
- b) Germination
- c) Dispersal

Answer: a) Yes, the leaves use sunlight and carbon dioxide to make their own food. This is called photosynthesis.