

Name: _____

Date: _____

Plants Quiz

In the table below, name **five** different plant parts and explain their job as part of the plant.

Part	Job
Flowers	Flowers develop seeds to reproduce the plant.
Fruit	Fruit is the place where the plants hold their seeds.
Leaves	Leaves make food for the plant by using water from the soil, carbon dioxide from the air and energy from the sunlight.
Roots	Roots collect water and transport it to the stem. Roots hold the plant in place.
Stems	Stems carry the water from the roots, up to the rest of the plant. They also carry the nutrients to the leaves, from the soil. Stems hold the plant up.
Bulbs	Bulbs help plants survive through winter. They store food for the plant to produce a stem and leaves with the cold weather is gone. Not all plants have bulbs.

If you had a white rose, and you needed a blue rose, what could you do? Why would it work?

Put rose stem in some water that has been dyed blue with food colouring.

The purpose of a stem is to hold the plant up, but it also functions to transport water from the roots to the rest of the plant. The stem would then take the water and transport it to the peddles, the peddles would then get dyed blue.

What are six things plants need to survive?

1. Water
2. Air (Carbon Dioxide)
3. Warmth
4. Sunlight
5. Space
6. Food (Soil)

Draw and label the four stages of a bean's life cycle.



Name and describe **two** ways different plants have adapted to overcome threats to their survival.

Roots - taproots store food that can re-grow plant, cactus roots spread to get water

Spines - sharp, prick animals who try to eat the plant

Chemicals - give animals rash, or could poison them

Runners - spread plant out so only part dies when eaten or trampled

Vines - secure plant to posts etc, spread plant out

Seeds - designed to travel with wind to spread them