

CurriculumVisions Lesson

Students: fill in next to the word answer and return the document for assessment.

Science

Book: Helping plants grow well (3B)

Pages 4-11

Everything here is based on our Curriculum Visions book Helping plants grow well (3B).

In this segment we are going to think about what plants need to grow well.

You will need to go to pages 4-5 of the book.

Part 1

Draw a sketch of a plant and label all of the parts that you can. Write down what each part does.

Answers could include.....

Roots: gather water and nourishment for the plant

Leaves: take in air and sunlight and make food

branches: the leaves, flowers and fruit are on the branches

Seeds: produce new plants

Go to pages 6-7. What happens if a plant does not have enough water? What happens if there is too much water?

Answers.....

Not enough water: The plant will wilt

Too much water: The soil becomes waterlogged and the plants cannot get enough air, and will stop growing or even die

Go to pages 8-9

Where do plants get their nourishment from? How can you use celery to show how plants get their nourishment (you can answer this with a labelled drawing if you like)?

Answers.....

Plants get their nourishment from rotting dead plants in the soil. The plant sucks up the nourishment with the water in the soil.

You can put celery in a glass of coloured water, and watch the water move up the celery stem. The coloured water will show you the pipes in the plant that move the water.

Go to pages 10-11

Why is light important for plants? What happens if plants or seedlings do not get enough light?

Answers.....

Plants need light to make food.

If plants do not get enough light, they will run out of energy and die.

If you are interested in this topic, continue to browse the book and watch our amazing videos. They start right on the book cover.