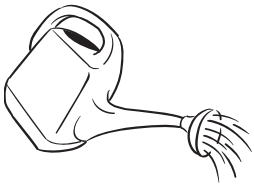


Science - Plants and plant life

1 What do plants need to survive?

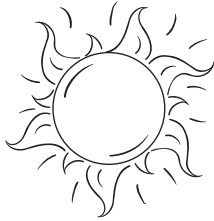
Tick the pictures.



water



milk



sunlight



gold



soil



air

2 Complete the sentence.

Plants need water, _____, _____ and _____.

3 Read the sentences and circle True or False.

1 Plants are living beings. True False



2 Plants are herbivores. True False

3 Plants make their own food. True False



4 All trees lose their leaves in winter. True False

5 Some trees have flowers in spring. True False



6 Trees are the smallest plants. True False

7 All plants have seeds. True False

8 A strawberry plant has a trunk and branches. True False

Subject: Science

Plants and plant life

Objective: Plants and plant life

Vocabulary: *water, air, nutrients, sunlight, soil*

Introduction

All living beings need nutrition in order to survive. Humans and other animals need to eat other living beings. However, plants don't eat other living beings, they make their own food. This is why plants are at the beginning of all food chains and food webs. Plants cannot make food without certain elements: *water, air, sunlight* and *minerals* from the soil.

Warm up

- Ask the pupils the following question: *What do all living beings need to survive?* Write their suggestions on the board: *water, air, nutrients and light*.
- Explain that animals get their nutrients through eating plants or other animals, or products from these two sources. However, plants make their own food.

Activity 1

- Pupils tick the pictures.
- Ask the pupils to say out loud which pictures they ticked.

Answer key water, air, sunlight, soil

Activity 2

- Pupils complete the sentence.

Answer key Plants need *water, air, sunlight* and *soil*.

Activity 3

- Pupils read the sentences and circle *True* or *False*.
- To correct the activity ask volunteers to read the sentences out loud and say whether they are *true* or *false*.

Answer key 1-T; 2-F; 3-T; 4-F; 5-T; 6-F; 7-T; 8-F

Project

- Pupils plant three pots of lentil seeds in soil. They place the plants in different positions: one in full sunlight, one in half sunlight and one practically in the dark. They decide on a different watering regime for each pot. Pupils keep a record of the growth. After a few weeks ask the pupils to interpret the results.