



ASPIRE
INTERNATIONAL SCHOOL



Science Department

2023/2024

**Year 1
Term 1
End of Unit 1**

Summary notes for unit 1

Week 1

Scientific Method Steps

The Scientific Methods are steps that scientist use in order to understand how things work and why they work the way they do.

- 1. Observation
- 2 Question
- 3. Hypothesis
- 4. Experiment
- 5. Results
- 6. Conclusion

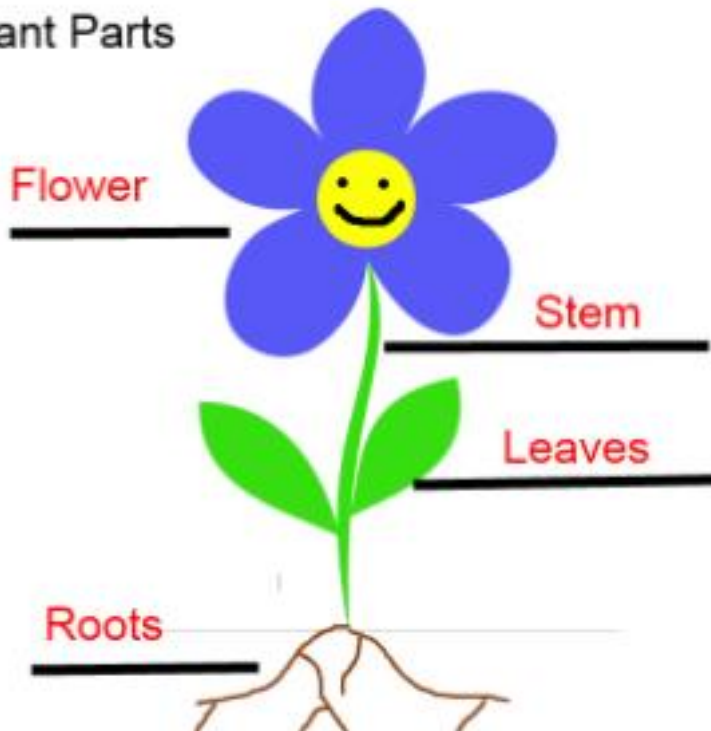


Week 2

1.2 Parts of a plant



Plant Parts

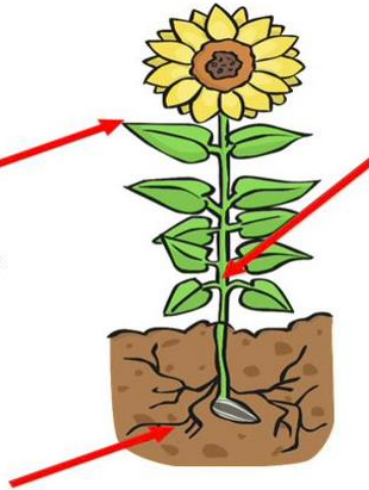


Week 3

1.3 Plants and light

Parts of a Plant

The **leaves** use a process called **photosynthesis** to produce food for the plant. They use **light, water and carbon dioxide** to do this.



The **stem** transports water and nutrients to all parts of the plant.

The **roots** take up water and nutrients from the soil. They also keep the plant in the ground.

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If plants do not have enough water they can die.



If plants have too much water they can die.

Week 4

Sound

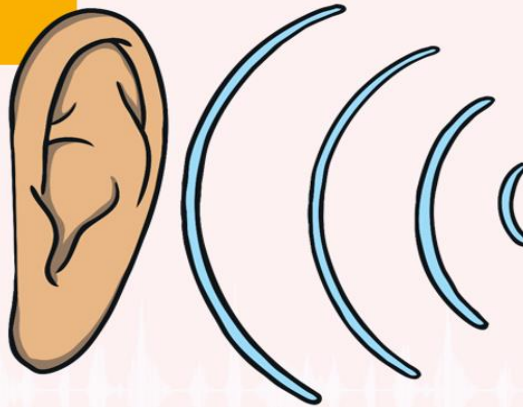
2.1 Sound sources

Vibrations

Sound is made when an object **vibrates**.

Vibrations

These vibrations travel through the air until they reach our ears. These travelling vibrations are called **sound waves**.



A thing that makes a **sound** is called a **sound source**.

Some sound sources use **electricity**.

We **hear** sounds with our ears.

To keep your ears safe, do not listen to very loud sounds.



Week 5

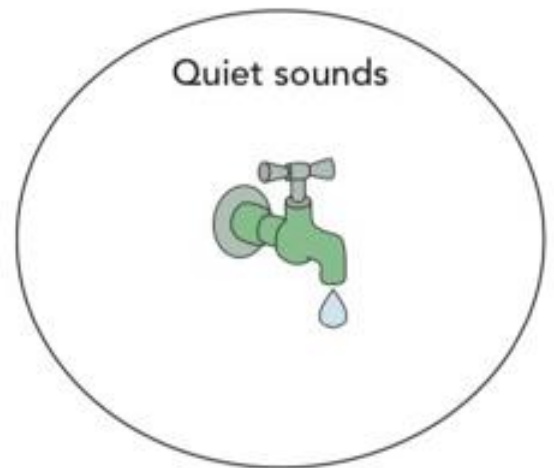
2.3 Sound moves

Sounds **move** away from a sound source.

We hear the sound when it gets to our ears. We call this listening.

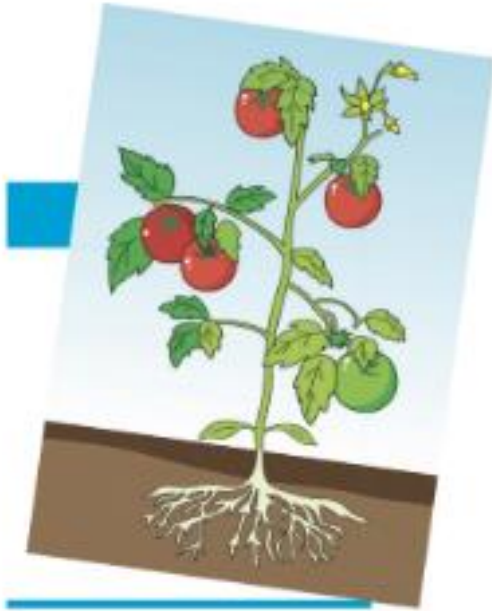


2.2 Loud and quiet



Questions on unit 1

1. Label parts of the plant



Stem

Leaves

Roots

Flower

2. Match the sentence with the correct picture



If plants do not have enough
water they can die.



If plants have too much
water they can die.

Choose the correct answer

1.

A book is as a sound source:

- 1) True
- 2) False

2.

• **Sound is made when an object:**

- a) Falls
- b) Vibrates
- c) Shakes

3.

Sound changes if it is in different places:

- 1) True
- 2) False

4.

When you are near to a sound source, the sound is:

- 1) Louder
- 2) Quieter

5.

Talk about these questions.

1 Which pictures show a sound source?



Which words go with which picture?



6.
Loud sound can damage your ears:

- 1) True
- 2) False

7.

Vibration travels through what to reach our ears so we can hear?

- a) Tv
- b) Air
- c) Water

8.

 Circle the quiet things blue and the loud things red.

