



ORLI INTERNATIONAL ACADEMY
FIRST TERM 2024/2025 SESSION LESSON NOTE

Subject: Science

Topic: Living and Non-living Things

Objectives:

- Identify characteristics of living things
- Distinguish between living and non-living things
- Classify objects into living and non-living categories
- Explore examples of living and non-living things in different ecosystems
- Develop critical thinking skills through classification

Key words: Life, Living, non-living, plants, animals.

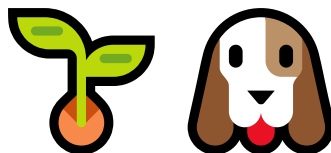
Living and Non-Living Things

Hello, Learners!



Today, we are going to learn about two types of things in the world: **Living Things** and **Non-Living Things**.

What are Living Things?



Living things are things that are alive! They can do special things like:

1. **Grow:** Plants grow bigger, and babies grow into adults.

2. **Move:** Animals like dogs can run, and birds can fly.

(Plants don't move from place to place, but their leaves move toward the sun!)

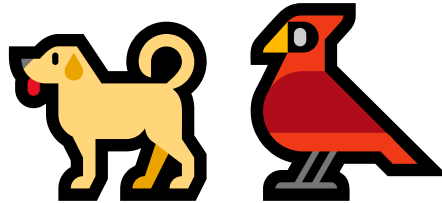
3. **Breathe:** All living things need air. We breathe air, and fish breathe in water.

4. **Eat and Drink:** Living things need food and water to stay alive.

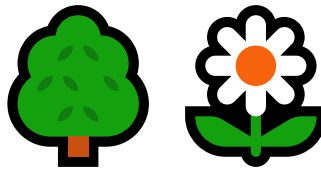
5. **Reproduce:** Living things can have babies or make seeds to grow new plants.

Examples of Living Things:

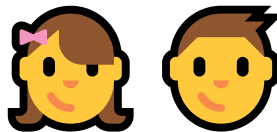
- Animals like cats, dogs, and birds



- Plants like trees, flowers, and grass



- People like you and me!



What are Non-Living Things?



Non-living things are things that are not alive. They do not grow, breathe, move on their own, or have babies.

Examples of Non-Living Things:

- Toys like cars and dolls



- Rocks and stones ?



How to Tell if Something is Living or Non-Living:

Ask yourself these questions:

- Does it grow?
- Can it move on its own?
- Does it breathe or eat?
- Can it have babies or make seeds?

If you say "Yes!" to these questions, it is a **living thing**.

If you say "No!" to these questions, it is a **non-living thing**.

Let's Practice:

Is it living or non-living?

1. A fish 🐟 – Is it living? (Yes!)
2. A chair 🪑 – Is it living? (No!)
3. A flower 🌸 – Is it living? (Yes!)
4. A rock 🪨 – Is it living? (No!)

Remember:

- **Living things** grow, move, breathe, and need food and water.
- **Non-living things** do not grow or move on their own.

Now you know the difference between living and non-living things! 😊

PLANT

Parts of a Plant

A plant has the following parts:

1. Root: this is the part of a plant that goes down into the soil.
2. Stem: this is the part of a plant that shoots out above the soil.
3. Leaf: this refers to the greenish part of a plant which bears the flowers.
4. Flower: this is the colourful part of a plant from which the fruits are produced
5. Fruits: refers to that edible portion of a plant.

Topic: Parts of the Human Body (WEEK 2)

Objectives: I am learning the parts of the Human Body.

Key Words: eyes, legs, nose.

The Parts of the Human Body and their uses are:

1. Eyes: used for seeing objects.
2. Nose: used for breathing and perceiving smells.
3. Ears: used for hearing.
4. Hands: used for holding objects
5. Legs: used for walking from one place to another.

Topic: Our Senses (Week 3)

Objective: I am learning to identify the five senses

Key words: sight, touch, hearing, taste

Our Senses

The five senses are

1. Eyes: This is the sense of sight; we use our eyes to see.
2. Ears: This is the sense of hearing; we hear sounds with our ears.
3. Nose: This is the sense of smell; we perceive through our nose.
4. Tongue: The tongue is the sense of taste.
5. Skin: This is the sense of touch; we feel touches through our skin.

Topic: Humans and Other Animals (Week 4 to 6)

Objective: I am learning about Humans and other animals

Key words: animals, human, food, water.

Users of Science

Humans use science to make life better. Science helps us understand animals, plants, and the world around us.

Veterinarians (that is, animal doctors) use science to help animals, farmers use science to grow food, and doctors use science to help humans stay healthy.

What Do Animals Need to Survive?

- Animals need certain things to stay alive, such as:
 - Food: To give them energy.
 - Water: To keep their bodies working.
 - Shelter: A safe place to live.
 - Air: To breathe.

Differences and Similarities Between Humans and Other Animals

- Humans and animals both need food, water, air, and shelter to survive.
- Differences: Humans can cook their food, speak languages, and build complex shelters like houses. Animals often find their food and make simple shelters.
- Similarities: Both humans and animals breathe air, eat food, drink water, and have babies.

Topic: Plants and Animals in Different Habitats (week 8)

Objectives: I am learning plants and animals and where they live

Key words: habitat, mountain, forest

A habitat is a home where plants or animals live in nature

Plants and Where They Live

- Some plants live in water (e.g., water lilies), while others grow in dry places (e.g., cactus in deserts).
- Plants can also be found in forests, mountains, and grasslands.

Animals and Where They Live

- Just like plants, animals also live in different habitats.
- Some animals live in water (e.g., fish, whales), others live in forests (e.g., lions, tigers), and some live in the air (e.g., birds).
- Animals live in places that provide them with food, shelter, and water. They hunt for their food, while others that live around with humans (domestic animals) are fed by their owners.

Topic: The Human Teeth (week 9)

Uses of Teeth: teeth help us chew food, speak clearly and smile.

Doctor for the Teeth: The doctor who cares for our teeth is called a dentist. They help clean our teeth and fix problems like toothaches.

Types of Teeth: We have different kinds of teeth for different jobs:

- Incisors: These are the teeth at the front, used for cutting food.
- Canines: These are sharp teeth beside the incisors, used for tearing food.
- Molars: These are the big teeth at the back, used for grinding food.

The End