

1. Living and Non-living Things

Warm Up

Write the names of the things that you see in the coaches of the train.



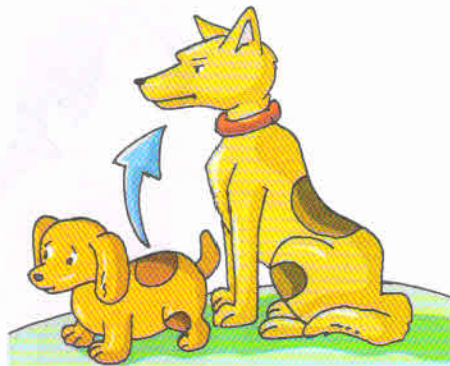
We see many things around us. These things can be divided into two groups—**Living** and **Non-living**.

Living Things

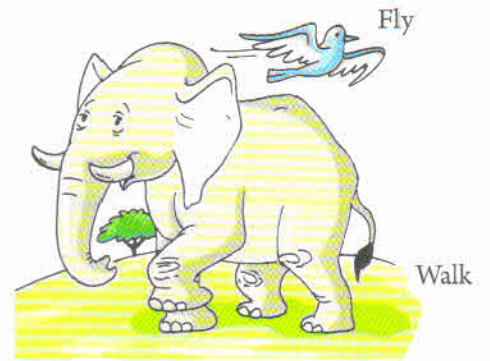
Living things need food. They grow, show movement and need air. They can feel and produce their own kind. Animals and plants are living things.



Living things need food.



Living things grow.



Living things show movement.



Living things need air.

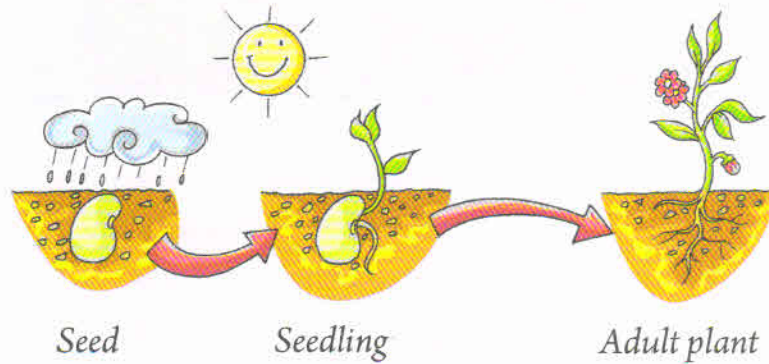


Living things produce their own kind.



Living things feel.

Plants are also living things. A small plant grows from a seed and grows up to become a big plant.



DO YOU KNOW?

A car also moves on the road. But it is not a living thing. It cannot move on its own. It needs a driver to start its engine and move it. So a car is a non-living thing.



Plants make their own food. They need air to live.

Plants do not move from one place to another. But they show movement in their parts. The leaves of the touch-me-not plant close when touched.



Touch-me-not plant

Non-living Things

Non-living things do not eat, need air or feel. They cannot move or grow. They also cannot have babies.

Non-living things are divided into two groups—**Natural things** and **Human-made things**.

Natural things are found in nature. These are not made by humans.



Mountains and clouds



Moon and stars



Water and stones

Some natural things

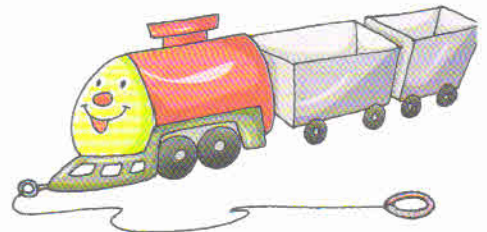
Human-made things are not found in nature. These are made by humans.



Table and chair



Book



Toy train

Some human-made things

Check Point

A. Name the following.

1. Two non-living things you find at home.

2. Two non-living things you find in your class.

GREEN TIP

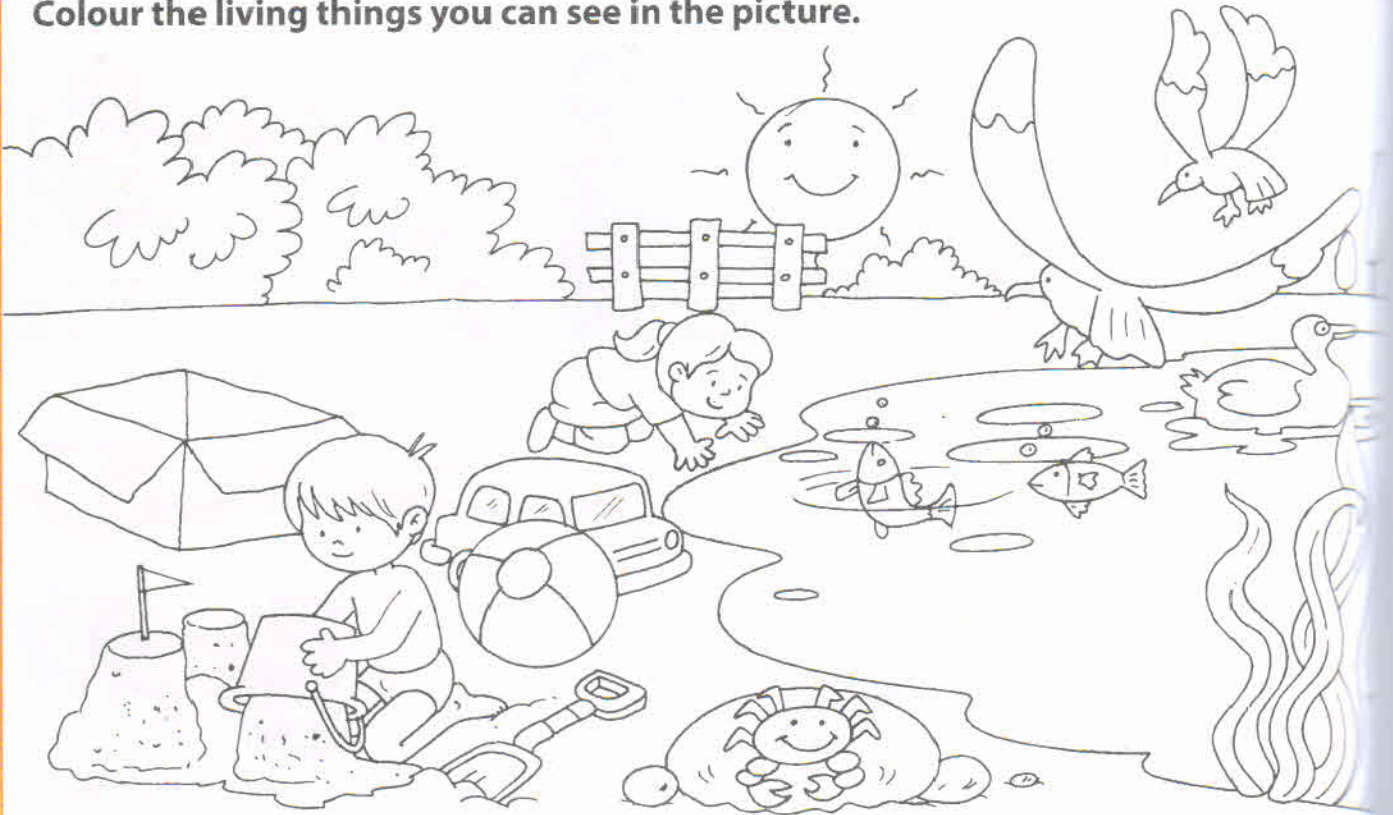
While taking a walk, identify objects which spoil the environment like plastic bags, a piece of glass, etc. These should be disposed of properly in a dustbin.

B. Fill in the blanks.

1. Living things can _____ from one place to another.
2. _____ things cannot grow.
3. A toy is a _____ thing.

Activity

Colour the living things you can see in the picture.



Points to Remember

- Plants and animals are living things.
- Living things eat food.
- Living things grow, move and need air.
- Living things feel and have young ones.
- Non-living things are natural or human-made.

New Words

Living: alive now

Non-living: things which do not have life

Breathe: to take air into the body and give it out

Natural things: non-living things found in nature that are not made by humans

Human-made things: non-living things that are made by humans

EXERCISES

A. Fill in the blanks with the correct option.

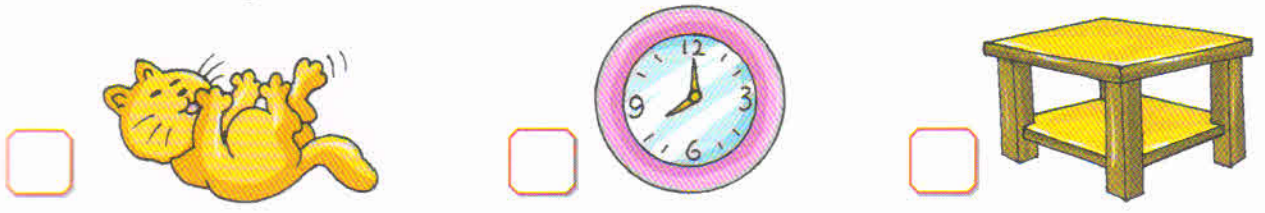
- _____ are living things. **Animals/Stones**
- Living things eat _____. **stones/food**
- Animals _____ move on their own. **cannot/can**
- A _____ is a natural non-living thing. **star/car**
- Water and moon are _____ non-living things. **human-made/natural**
- A _____ is a human-made thing. **mountain/bus**

B. Tick (✓) the correct answer. *Wish*

1. Which one is a living thing?



2. Which one can grow on its own?



HOLY TRINITY INTERNATIONAL SCHOOL
SCIENCE
GRADE: I
LESSON-1 LIVING AND NON LIVING THINGS

I. Choose the best answer:

1. These are living things.
a. animals b. stones c. dry leaves
2. Living things eat _____
a. rock b. food c. plastic
3. These things cannot grow
a. non-living things b. cats c. trees
4. This is a natural non-living thing
a. car b. aero plane c. star
5. This is a man made thing
a. rocket b. sand c. mud
6. These things lying around on the ground spoil the environment
a. pebbles b. glass c. rocks
7. Without this, plants cannot live.
a. air b. vehicles c. house
8. The leaves of which plant close down when touched?
a. marigold b. touch-me-not plant c. rose
9. Living things
a. sit still b. grow c. never die
10. A seedling is a
a. small plant b. duckling c. big tree

II. Fill in the blanks with suitable options:

1. Natural things are found in _____ (nature/factories) only.
2. Living things _____ move from one place to another (cannot/can).
3. Food gives _____ to the living beings (light/energy).
4. Animals breathe through _____ (nose/stomata).
5. Plants breathe through _____ (nose/stomata).
6. Living things _____ feel (can/cannot).

III. Fill in the blanks with suitable answers:

1. Water and Moon are _____ things.
2. A seedling grows into an/ a _____ plant.
3. Plastic bags and pieces of glass _____ the environment.
4. A car moves with a help of _____ and _____.

III. State whether the following sentences are true or false:

1. A plant is a living thing
2. A fish does not need food.
3. A cat cannot move from one place to another.
4. A stone cannot breathe.
5. Your pet dog can feel.

6. A river is made by man.
7. A house is a man made thing.
8. Living things take in water.
9. Non living things cannot have babies.
10. Plants can walk and run.

IV. Match the following;

- | | | |
|------------------|---|------------------------------|
| 1. Mountains | - | man made things (3) |
| 2. Stone | - | natural non living thing (1) |
| 3. Toys | - | can feel (4) |
| 4. Living things | - | cannot breathe (2) |

IV. Write the meanings of the words given below;

- | | | |
|--------------------|---|--------------------------------------|
| 1. Living | - | Alive and have breath |
| 2. Non-living | - | Things don't have life |
| 3. Breathe | - | To take air into and out of the body |
| 4. Natural things | - | Non living things of nature |
| 5. Man made things | - | Non living things made by man |

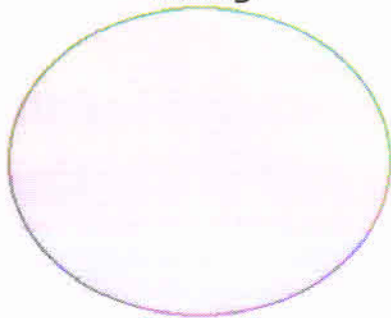
V. Answer the following questions.

1. Name two living things that grow.
Plant, Giraffe
2. What do you feel when a mosquito bites you?
We feel a little pain.
3. Which living things cannot move from one place to another?
Plants
4. Are clouds in the sky man made?
No, they are natural non living things.
5. What type of things are tables and chairs in your classroom?
Man made non living things.
6. Plants do not move from one place to another, but they are living things. How?
The roots of the plants are fixed in the soil for growth. So they can't move. But they breathe and make food to grow. So they are said to be living things.
7. Name some of the natural things that are non living.
Sun, Moon, Stars, Water, Rocks and Sand are some of the natural non living things.
8. Name some of the natural living things.
Animals and plants are some of the natural living things.
9. What happens when living things grow?
When living things grow, the shape and the size increases.

10. Identify the living things and non living things from these pictures and put into their respective places.



Living



Non-Living

