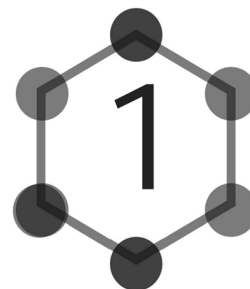


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# EXPLORE SCIENCE



# 1

## Our Surroundings

### Exercise

#### A. Tick (✓) the correct option?

- Where should we throw waste ?  
**Ans:** (c) In the dustbin
- Clean and green surroundings help us to stay \_\_\_\_\_.  
**Ans:** (c) healthy
- We should keep our surroundings green by \_\_\_\_\_.  
**Ans:** (b) growing trees

#### B. Fill in the blanks with the correct words.

- The area around our houses is called our \_\_\_\_\_ (surrounding/bus).  
**Ans:** surrounding
- \_\_\_\_\_ (Trees/Garbage) keep the air clean and green.  
**Ans:** Trees
- We can become \_\_\_\_\_ (sick/healthy) if our surroundings are dirty.  
**Ans:** sick

#### C. Write T for true and F for false statements.

- We should keep our surroundings clean. **T**
- We should never grow trees. **F**
- Clean and green surroundings help us to stay healthy. **T**
- Always throw waste into the dustbin. **T**

#### D. Answer the following questions.

- What is the area around you called ?  
**Ans:** Surrounding
- Should your surroundings be clean or dirty ?  
**Ans:** Your surroundings should be clean.
- Why one should grow more plants and trees ? .  
**Ans:** One should grow plants and trees because they keep the air fresh and clean.

### Fun Activity

- A. Arrange the jumbled sentences below in the correct order to describe the ways we can keep our environment clean. One example has been done for you.

**Example:** floor / the / sweep

**Ans:** Sweep the floor.

1. the / dishes / wash

**Ans:** Wash the dishes.

2: bin / rubbish / the / throw / into

**Ans:** Throw the rubbish into bin.

- B. Look at the picture, make 5 sentences in your notebook how you can keep the environment in your classroom clean. You can use the hints to help you make your sentences.

*Throw / Arrange / Sweep / Mop / Wipe*

**ANS**

**Throw:** Dispose of any waste materials or trash into designated bins, ensuring that wrappers and papers are properly discarded.

**Arrange:** Organize desks, chairs, and other classroom furniture in a neat and orderly manner, making it easier to navigate the space.

**Sweep:** Regularly use a broom to sweep the floor, collecting dust and small debris in a dustpan for proper disposal.

**Mop:** Clean the floor using a mop and appropriate cleaning solution to remove dirt and stains, ensuring a hygienic environment for learning.

**Wipe:** Use damp cloths to wipe down surfaces such as desks, windowsills, and shelves, keeping them free from dust and smudges.

### HOTS

1. Do you believe that writing on walls is a good habit ?

**Ans.** No, writing on walls is not a good habit. Walls are meant to look nice and clean. Writing on walls can make them messy and not look good. We should use paper or notebooks for writing and drawing instead of walls.

### Skills Based Questions

1. Describe some of the dirty things you saw on your way to the school.

**Ans.** On my way to school, I saw some things that were not clean. There were wrappers and papers on the ground. I also saw some empty bottles and cans. It's important to keep our surroundings clean by not throwing trash on the ground and putting it in the dustbin.

## 2

### Living and Non-Living Things

#### Exercise

- A. Tick (✓) the correct option?

- Birds are \_\_\_\_\_ things.  
**Ans:** living
- Living things \_\_\_\_\_ breathe.  
**Ans:** can
- \_\_\_\_\_ things grow.  
**Ans:** Living
- A book is a \_\_\_\_\_ thing.  
**Ans:** non-living

- B. Fill in the blanks.

- All plants and animals are \_\_\_\_\_ (non-living/living) things.  
**Ans:** living
- An eraser is a \_\_\_\_\_ (living/non-living) thing.  
**Ans:** non-living
- Things not made by man are called \_\_\_\_\_ (man-made/natural) things.  
**Ans:** natural.
- \_\_\_\_\_ (Living/Non-living) things can be natural or man-made.  
**Ans:** Living
- Living things need \_\_\_\_\_ (air/water) to breathe.  
**Ans:** air

- C. Match the following.

- |                   |          |
|-------------------|----------|
| 1. Living thing   | a. Table |
| 2. Natural thing. | b. Tree  |
| 3. Man-made thing | c. Stone |

**Ans:** ( 1 ) ( b ) Tree  
( 2 ) ( c ) Stone  
( 3 ) ( a ) Table

- D. Answer the following questions

1. What are living things ?

**Ans:** Living things need food and can breathe, move, feel, grow and reproduce. All plants and animals are living things.

2. Name any two natural things.

**Ans:** Two natural things. are sun and wood.

3. Name any two man-made things.

**Ans:** Two man-made things. are table and book.

#### HOTS

1. Neither a plant nor a pebble can move from one location to another. So why is a pebble considered a non-living object while a plant is considered a living one ?

**Ans.** A pebble is considered a non-living object because it cannot do things like grow, eat, or move by itself. It doesn't need food, water, or air to live. On the other hand, a plant is considered a living thing because it can grow, drink water, and make its own food from the sunlight. It needs air to breathe and it can also move its parts like leaves and stems.

#### Skills Based Questions

1. How is the Sun useful to us ?

**Ans.** The sun is very helpful to us in many ways:

**Light:** The sun gives us light during the day so we can see everything around us.

**Warmth:** The sun makes our planet warm, so we feel cozy and comfortable.

**Growing Plants:** Plants need the sun to grow. They use sunlight to make their own food.

**Playing:** We can play outside in the sun, like running, jumping, and having fun.

**Day and Night:** The sun makes it daytime when we're awake, and nighttime when we sleep.

## 3

## The Green World

### Exercise

#### A. Tick (✓) the correct option?

- Plants are of different \_\_\_\_\_.  
**Ans:** (c) Both a. & b.
- \_\_\_\_\_ cannot grow straight on their own.  
**Ans:** (a) Climbers
- Most plants grow from \_\_\_\_\_.  
**Ans:** (b) Seeds

#### B. Fill in the blanks:

- Big and strong plants are called \_\_\_\_\_.  
**Ans:** Trees
- \_\_\_\_\_ are plants that grow along the ground.  
**Ans:** Creepers
- A plant has \_\_\_\_\_ parts.  
**Ans:** Different
- Some flowers change into \_\_\_\_\_.  
**Ans:** Fruits
- A \_\_\_\_\_ has a baby plant inside it.  
**Ans:** Seeds

#### C. Match the following.

- |              |                   |
|--------------|-------------------|
| 1. Sweet pea | a. takes in water |
| 2. Neem      | b. make food      |
| 3. Root      | c. colourful      |
| 4. Leaf      | d. climber        |
| 5. Flower    | e. tree           |

**Ans: (1)** (c) Colourful

**Ans: (2)** (e) Tree

**Ans: (3)** (a) Takes in water

**Ans: (4)** (b) Make food

**Ans: (5)** (d) Climber

#### D. Answer the following question:

- What are trees ? Give one example.  
**Ans:** Trees are big and tall plants.  
Example: Banyan tree.
- What are creepers ? Give one example.  
**Ans:** Creepers are plants that grow along the ground. Example: Money plant.
- What are the different parts of a plant ?  
**Ans:** A plant has different parts: roots, stem, leaves, flowers, and sometimes fruits.
- What does a seed contain ?  
**Ans:** A seed contains a baby plant inside it, which grows into a new plant with water, sunlight, and soil.

### HOTS

#### 1. Why do plants need soil ?

**Ans.** Plants need soil because it's like their home and gives them important things:

**Food:** Soil has nutrients that plants need to grow big and strong.

**Water:** Soil holds water like a cup, and plants drink it to stay hydrated.

**Anchoring:** Soil holds the plant's roots so they can stand up straight and not fall.

**Air:** The soil has tiny spaces with air that the roots breathe, just like we breathe air.

**Support:** It's like a bed for plants, letting them grow their roots and stems.

### Skills Based Questions

#### 1. Why should we not pluck flowers ?

**Ans.** We should not pluck flowers because they make the plant look beautiful and happy. When we leave the flowers on the plant, they can turn into seeds and make new plants. Flowers also give nectar to bees and butterflies, which they need to make honey and help plants grow. So, it's better to enjoy the flowers on the plant and let them be.

## Exercise

## A. Tick (✓) the correct option?

- Mango and \_\_\_\_\_ are fruits that we eat.  
**Ans:** (b) grapes
- We get vegetables from \_\_\_\_\_.  
**Ans:** (b) plants
- Spinach and cabbage are \_\_\_\_ that we eat.  
**Ans:** (b) root
- It is a cereal \_\_\_\_\_.  
**Ans:** (a) wheat

## B. Circle the odd one.

- Carrot, radish, onion.  
**Ans:** onion
- Sugarcane, carrot, potato.  
**Ans:** Sugarcane
- Cauliflower, broccoli, spinach.  
**Ans:** spinach
- Butter, tea, coffee.  
**Ans:** Butter

## C. Fill in the blanks.

- The Mango is a \_\_\_\_\_. (fruit/vegetable)  
**Ans:** f ruit.
- The carrot is a \_\_\_\_\_. (vegetable/seed)  
**Ans:** vegetable
- Potato is the \_\_\_\_\_ (stem/root) part of the plant.  
**Ans:** root
- We eat the \_\_\_\_\_ (seeds/fruit) of Maize.  
**Ans:** seeds

## D. Answer the following questions.

- Name any three vegetables.  
**Ans:** Radish, Beetroot, Potato.
- Name any two fruits.  
**Ans:** Apple, Mango.

- Name any three pulses.

**Ans:** Peas, Gram, Kidney Beans.

- Name any two cereals.

**Ans:** Wheat, Maize.

## HOTS

## A. Are all plant parts important? What if one part was missing?

**Ans.** Yes, all parts of a plant are important! Each part has a special job:

**Roots:** They drink water from the soil and hold the plant in the ground.

**Stem:** It holds up the plant and carries water from the roots to the leaves.

**Leaves:** They make food for the plant using sunlight.

**Flowers:** They make seeds that can grow into new plants.

**Fruits:** They protect the seeds and help them spread.

If one part was missing, the plant might not be able to do its job properly. For example, if a plant didn't have leaves, it couldn't make food. So, all parts are important.

## B. Do all vegetables need to be cooked before eating?

**Ans.** No, not all vegetables need to be cooked before eating. Some vegetables can be eaten raw, like carrots, cucumbers, and tomatoes. They are crunchy and tasty without cooking. But some vegetables, like potatoes and carrots, taste better and are easier to eat when they are cooked.

## Skills Based Questions

## A. Name a few things that you eat as salad. Also name the part of the plant in each case.

**Ans.** Sure! Here are a few things that you can eat as a salad, along with the part of the plant they come from:

**Lettuce:** Leaves of the lettuce plant are used in salads.

**Tomato:** The tomato used in salads is a fruit, even though we often think of it as a vegetable.

**Cucumber:** Cucumbers are eaten as a salad, and they are the fruit of the cucumber plant.

**Carrot:** The root of the carrot plant is used in salads.

**Bell Pepper:** The bell pepper used in salads is actually the fruit of the pepper plant.

## 5

### The Animal World

#### Exercise

**A. Tick (✓) the correct option?**

1. This animal lives on land.  
**Ans:** (a) Crocodile
2. This animal lives on trees.  
**Ans:** (b) Squirrel
3. This animal lives on water.  
**Ans:** (c) Fish

**B. Fill in the blanks with the correct words.**

1. \_\_\_\_\_ (Giraffe/Dog) is a big animal.  
**Ans:** Giraffe
2. \_\_\_\_\_ (Birds/Insects) have six legs.  
**Ans:** Insects
3. Birds have \_\_\_\_\_ (two/six) wings.  
**Ans:** two
4. \_\_\_\_\_ (Sparrow/Butterfly) have six legs.  
**Ans:** Butterflies

**C. Match the following.**

- |              |                   |
|--------------|-------------------|
| 1. Parrot    | a. cannot fly     |
| 2. Duck      | b. six legs       |
| 3. Ostrich   | c. swim           |
| 4. Butterfly | d. wings and beak |

- Ans:** (1) (d) wings and beak  
(2) (c) swim  
(3) (a) cannot fly  
(4) (b) six legs

**D. Answer the following question:**

1. Name three big animals.  
**Ans:** Lion, Elephant, Giraffe.
2. What are birds ?  
**Ans:** Birds are animals with wings and two legs. They fly with the help of wings.
3. Name any two places where animals live.  
**Ans:** Two places where animals live are land and water.
4. Name two birds which cannot fly.  
**Ans:** Duck, Swanl.

#### HOTS

**1. Birds have no teeth. How do they eat ?**

**Ans.** Birds don't have teeth like we do, but they have a special way to eat. They use their beaks to pick up and chew their food. Some birds eat seeds, some eat insects, and some eat both! Their beaks help them crack open shells or catch bugs. So, even though they don't have teeth, they still enjoy their meals

## 6

### Food and Shelter for Animals

#### Exercise

**A. Tick (✓) the correct option?**

1. Horse eats \_\_\_\_\_.  
**Ans:** (a) plants
2. A frog eats \_\_\_\_\_.  
**Ans:** (a) insects
3. Birds make \_\_\_\_\_ to lay eggs in.  
**Ans:** (c) nest
4. Cows are kept in a \_\_\_\_\_.  
**Ans:** (c) shed

**B. Fill in the blanks.**

1. Animals need \_\_\_\_\_ to live and grow.  
**Ans:** food
2. Goats eat \_\_\_\_\_.  
**Ans:** grass



3. Some animals live in hollow \_\_\_\_\_ and caves.

**Ans:** trees

4. A lion lives in a \_\_\_\_\_.

**Ans:** den

5. Bees make a \_\_\_\_\_.

**Ans:** hive

**D. Answer the following questions.**

1. Why do animals need food ?

**Ans:** Animals need food to stay alive and grow, just like how we need food to have energy and stay healthy.

2. Name two animals which eat insects.

**Ans:** Spider, Frog.

3. Name two animals which eat both plants and the flesh of other animals.

**Ans:** Crow, Bear.

4. What is a kennel ?

**Ans:** A kennel is a small house or shelter where dogs live.

5. Where do we keep horses ?

**Ans:** We keep horses in a stable.

**HOTS**

**A. What will happen to animals if there is no forest ?**

**Ans.** "If there is no forest, animals might face some problems:

**No Homes:** Forests are homes for many animals. Without forests, they might not have a safe place to live.

**No Food:** Animals find food in the forest, like leaves, fruits, and other animals. Without forests, they might not find enough food.

**No Protection:** Forests protect animals from rain, sun, and other animals that might want to eat them. Without forests, they might feel less safe.

**Less Friends:** Animals meet and play with other animals in the forest. Without forests, they might have fewer animal friends.

**Skills Based Questions**

**A. When we cut trees, many animals lose their homes. Is this true ? Give an example.**

**Ans.** Yes, that's true! When we cut down trees, many animals lose their homes. Here's an example:

Imagine a family of squirrels living in a big tree in the forest. The tree has cozy branches where they build their nests, called dreys. But if people come and cut down that tree, the squirrels lose their home. They won't have a safe place to live and play anymore.

So, cutting down trees can make animals like squirrels lose their homes and make it harder for them to find a new place to live. That's why it's important to take care of trees and the homes they provide for animals.

**B. If you had a pet at home, how would you and your family keep its home clean ?**

**Ans.** "If I had a pet at home, like a dog or a cat, my family and I would keep its home clean in these ways:

**Regular Cleaning:** We would clean the pet's living area, like a cage or a bed, regularly. We would remove any waste or dirt to keep it clean.

**Bathing:** If the pet can take baths, we would give it a bath to make sure it's clean and smells nice.

**Feeding:** We would make sure the pet's food and water bowls are clean and filled with fresh food and water.

**Playtime:** We would give the pet time to play and exercise. It's important for them to be active and happy.

**Brushing:** If the pet has fur, we would brush it to keep the fur clean and shiny.

**Health Care:** We would take the pet to the vet for check-ups and vaccinations to keep it healthy.

## 7

## My Body

## Exercise

## A. Tick (✓) the correct option?

1. Our \_\_\_\_\_ help us to walk and run.

Ans: (c) legs

2. The \_\_\_\_\_ helps us to feel and touch.

Ans: (b) skin

3. Our nose helps us to ?

Ans: (a) Smell

## B. How many of each do you have ? Write the number in the bubble.



2



2



2



1



2



1

## C. Fill in the blanks.

1. All parts of the body help us to do different \_\_\_\_\_.

Ans: work

2. Our \_\_\_\_\_ help us to write.

Ans: hands

3. Our \_\_\_\_\_ help us to see.

Ans: eyes

4. Sense organs help us to \_\_\_\_\_ the world around us.

Ans: understand

## D. Answer the following questions.

1. Which sense organ helps us to hear a bell ?

Ans: Ears

2. Which sense organ helps us to read a book ?

Ans: Eyes

3. What are the five sense organs ?

Ans: Eyes, ears, nose, tongue, skin.

4. How do sense organs help us ?

Ans: Sense organs help us by allowing us to see, hear, smell, taste, and touch things around us. They help us experience and understand the world.

## 8

## Food for Health

## Exercise

## A. Tick (✓) the correct option?

1. We get fruits and vegetables from \_\_\_\_\_.

Ans: (a) plants.

2. \_\_\_\_\_ makes our bones and teeth strong.

Ans: (b) Milk

3. We should eat from a \_\_\_\_\_ plate.

Ans: (c) clean

4. We eat \_\_\_\_\_ at night.

Ans: (c) dinner

## B. Fill in the blanks.

1. Food gives us \_\_\_\_\_ to work and play.

Ans: energy

2. \_\_\_\_\_ is a complete food.

Ans: Milk

3. We have \_\_\_\_\_ meals in a day.

Ans: three

4. We should not \_\_\_\_\_ or \_\_\_\_\_ while eating.

Ans: talk and play.

5. We should drink enough \_\_\_\_\_.

Ans: water

## C. Match the following.

- |                       |                           |
|-----------------------|---------------------------|
| 1. Cereals and pulses | a. Milk products          |
| 2. Butter and curd    | b. Unhealthy food         |
| 3. Pizza and burger   | c. Strong bones and teeth |
| 4. Milk               | d. Plants                 |

Ans: (1) (d) Plants

(2) (a) Milk products

(3) (b) Unhealthy food

(4) (c) Strong bones and teeth



**D. Answer the following questions.**

1. Why do we need food ?  
**Ans:** We all need food to live and grow.
2. Where do we get food from ?  
**Ans:** We get food from plants and animals.
3. What are the different kinds of food we get from plants ? Give two examples.  
**Ans:** We get fruits (e.g., apples, bananas) and vegetables (e.g., carrots, tomatoes) from plants.
4. Name any two foods that we get from animals.  
**Ans:** Milk and eggs.
5. What is healthy food ?  
**Ans:** Food that makes our body strong and healthy is called healthy food.

**HOTS**

**A. You did not eat breakfast yesterday and were feeling too weak to play at school. Why do you think you were feeling weak ?**

**Ans.** I was feeling weak because I didn't eat breakfast yesterday. Breakfast is like fuel for our bodies, just like how cars need fuel to run. When we don't eat, our bodies don't have the energy they need to do things like playing, studying, and having fun. That's why it's important to eat a healthy breakfast every day!

**9**

**Housing and Clothing**

**Exercise**

- A. Tick (✓) the correct option?**
1. We welcome our guests in \_\_\_\_\_ room.  
**Ans:** (c) drawing
  2. We wear \_\_\_\_\_ clothes in summer.  
**Ans:** (a) cotton
  3. Raincoat protects us from getting \_\_\_\_\_ in the rain.  
**Ans:** (a) wet

4. We wear \_\_\_\_\_ clothes on birthdays and weddings.  
**Ans:** (c) colourful

**B. Fill in the blanks.**

1. A \_\_\_\_\_ keeps us safe from the hot sun, cold and rain.  
**Ans:** house
2. \_\_\_\_\_ and \_\_\_\_\_ let in fresh air and sunlight.  
**Ans:** Doors, windows.
3. There are \_\_\_\_\_ rooms inside our house.  
**Ans:** many
4. The \_\_\_\_\_ is used for washing clothes.  
**Ans:** bathroom
5. We get wool from \_\_\_\_\_.  
**Ans:** sheep

**D. Answer the following questions.**

1. What does our house keep us safe from ?  
**Ans:** A house keeps us safe from the hot sun, the cold, the wind and the rain. It also keeps us safe from thieves and wild animals.
2. Why do some houses have many rooms ?  
**Ans:** Each room has a different use.
3. Why do we need to wear clothes ?  
**Ans:** We wear clothes to cover our bodies.
4. What do we wear in summer ?  
**Ans:** We wear cotton clothes in summer.
5. What kind of clothes do we wear when it is cold ?  
**Ans:** We wear woollen clothes in winter.

**HOTS**

- A. What do you wear when you sleep ?**
- Ans.** When I sleep, I usually wear pajamas or comfortable clothes. Pajamas are soft and cozy, and they help me feel nice and relaxed when I go to bed.

# 10

## Keeping Safe and Healthy

### Exercise

#### A. Tick (✓) the correct option?

1. Do not play with \_\_\_\_\_ objects.

Ans: (a) sharp

2. Always walk on the \_\_\_\_\_.

Ans: (b) footpath

3. We should \_\_\_\_\_ our nails regularly.

Ans: (c) cut

4. Brush your teeth \_\_\_\_\_ a day.

Ans: (b) twice

#### B. Fill in the blanks.

1. Use a \_\_\_\_\_ to cross the road.

Ans: zebra crossing

2. Make a \_\_\_\_\_ to get in the bus.

Ans: queue

3. Comb your \_\_\_\_\_ to keep it tidy.

Ans: hair

4. Wear \_\_\_\_\_ clothes every day.

Ans: clean

#### C. Write (T) true and (F) false statements.

1. Do not play on the road.

T

2. Do not play on the road.

T

3. Bite your nails.

F

4. Brush your teeth once in two days.

F

#### D. Answer the following questions.

1. Where should we cross the road from ?

Ans: We should cross the road from zebra crossing.

2. Should we play near the bushes ?

Ans: No, we should not play near the bushes.

3. What should we do if someone get hurt ?

Ans: If someone gets hurt, we should report it to our elders and they will give first-aid.

4. Write any two healthy habits one must follow.

Ans: (1) Brushing teeth twice a day.

(2) Eating fruits and vegetables.

### HOTS

A. What does this sign mean on the road ?



Ans This sign mean for zebra crossing.

B. Aditya does not play or exercise at all. Is it good for his health ?

Ans. No, it's not good for Aditya's health if he doesn't play or exercise at all.

Playing and exercising help our bodies stay strong and healthy. They make our muscles and bones strong, and they help our heart and lungs work well. So, it's important for Aditya to play and move around to stay healthy and happy.

# 11

## Air we Breathe

### Exercise

#### A. Tick (✓) the correct option?

1. Moving air is called \_\_\_\_\_.

Ans: (c) Wind

2. Air fills up \_\_\_\_\_.

Ans: (b) Space

3. Fish breathe through \_\_\_\_\_.

Ans: (a) Gills

4. Living things need \_\_\_\_\_ to breathe.

Ans: (b) Air

#### B. Fill in the blanks.

1. All \_\_\_\_\_ things need air.

Ans: Living

2. We can \_\_\_\_\_ air when it moves.

Ans: Feel

3. Balloon becomes \_\_\_\_\_ when air is blown into it.

Ans: Big

4. Fast-moving air can turn the blades of a \_\_\_\_\_.

Ans: Windmill

**C. Write (T) true and (F) false statements.**

1. Wind helps a kite fly. **T**
2. Air does not give shape to the balloon. **F**
3. Air has weight. **T**
4. Air is filled into footballs. **T**

**D. Answer the following questions.**

1. Why do we need air ?  
**Ans:** We need air to breathe and stay alive. All living things, like people, animals, and plants, need air to survive.
2. What is wind ?  
**Ans:** Wind is moving air. We can feel wind when it moves around us.
3. What makes the blades of a windmill turn ?  
**Ans:** Fast-moving air, which is the wind, makes the blades of a windmill turn.
4. Give any one use of air.  
**Ans:** Air is used to fill balloons, making them float and fly.

**HOTS**

**A. When would you fly a kite ? When it is windy or when there is no wind ?**

**Why ?**

**Ans.** I would fly a kite when it is windy. Wind helps the kite go up in the sky and stay up. If there's no wind, the kite might not go up or it could come down quickly. So, windy days are perfect for flying kites.

**Skills Based Questions**

**A. Do you like to play outdoors on a hot, windy day ? Give reasons for your answer.**

**Ans.** I might not like to play outdoors on a hot, windy day. Here are the reasons:

**Hot Weather:** On a hot day, the sun can make me feel very warm and sweaty. It might be uncomfortable to play in the heat.

**Wind:** Wind can make it feel even hotter because it blows hot air around.

**Dehydration:** Playing in the heat and wind can make me thirsty and tired. I might get dehydrated if I don't drink enough water.

So, it's better to play outdoors on a cooler day when it's not too hot and windy.

**12**

**Water we Drink**

**Exercise**

**A. Tick (✓) the correct option?**

1. We get water from \_\_\_\_\_.  
**Ans:** (c) rain.
2. Water is needed for \_\_\_\_\_.  
**Ans:** (b) drinking.
3. We should drink \_\_\_\_\_ water..  
**Ans:** (a) clean
4. Drinking dirty water can make us \_\_\_\_\_.  
**Ans:** (b) ill

**B. Fill in the blanks.**

1. All living things need water to \_\_\_\_\_.  
**Ans:** live
2. Water is also used to \_\_\_\_\_ out a fire.  
**Ans:** put
3. \_\_\_\_\_ is the main source of water.  
**Ans:** Rain
4. We should not \_\_\_\_\_ water.  
**Ans:** waste

**D. Answer the following questions.**

1. Write three uses of water.  
**Ans:** Drinking, Cooking and Bathing.
2. Name any six sources of water.  
**Ans:** Rain, Rivers, Ponds, Lakes, Wells and Taps.
3. Why must we drink clean water ?  
**Ans:** We must drink clean water to stay healthy and avoid getting sick. Drinking dirty water can make us ill.

## HOTS

**A. How does water reach our homes ?**

**Ans.** Water reaches our homes through pipes. There are big pipes called water pipes that carry clean water from places like lakes or rivers to our homes. We can turn on a tap, and water comes out from the pipes. That's how we get water for drinking, washing, and doing other things at home

**B. If you need one bucket of water to take a bath, how much water do you think an elephant might need ?**

**Ans.** An elephant is much bigger than a person, so it needs a lot more water than one bucket to take a bath. Elephants are very large animals, and they might need hundreds of buckets of water to take a bath and cool off because they are so big.

# 13

## Water we Drink

### Exercise

**A. Tick (✓) the correct option?**

1. It is very \_\_\_\_\_ in summer.

**Ans:** (a) hot.

2. We wear \_\_\_\_\_ clothes in winter.

**Ans:** (b) woollen.

3. We see a \_\_\_\_\_ in monsoon days.

**Ans:** (c) rainbow

4. A \_\_\_\_\_ wind can blow things away.

**Ans:** (b) strong

**B. Fill in the blanks.**

1. The sun shines \_\_\_\_\_ on a sunny days.

**Ans:** brightly

2. The days and nights are \_\_\_\_\_ in winter.

**Ans:** cold

3. We wear \_\_\_\_\_ on rainy days.

**Ans:** raincoats

4. A \_\_\_\_\_ wind can blow things away.

**Ans:** strong

**D. Answer the following questions.**

1. What are the different types of weather ?

**Ans:** Hot and sunny days, cold days, rainy days and windy days are the different types of weather.

2. What type of clothes should you wear on cold days ?

**Ans:** warm woollen clothes.

3. What must we wear if we want to go out in the rain ?

**Ans:** raincoats or carry umbrellas.

4. What do we sometimes see in the sky after it rains ?

**Ans:** sometimes see in the sky after it rains rainbow

## HOTS

**A. How does weather affect the way we spend our free time ?**

**Ans.** Weather affects the way we spend our free time in different ways:

**Sunny Days:** On sunny days, we might go outside to play games, ride bikes, or have a picnic. The warm sun makes it fun to be outdoors.

**Rainy Days:** When it's rainy, we might stay indoors and play board games, read books, or watch movies. Rainy days are good for cozy activities.

**Snowy Days:** If it's snowy, we can build snowmen, go sledding, or have snowball fights. Snowy days are perfect for playing in the snow.

**Hot Days:** On very hot days, we might play in the water, like swimming or running through sprinklers, to stay cool.

**Cold Days:** When it's cold, we might bundle up and have fun making snow angels or drinking hot chocolate.

So, different kinds of weather can change the fun things we do in our free time.

## Skills Based Questions

- A. Is donating old clothes to the needy, good or bad ?

**Ans.** Donating old clothes to the needy is a very good thing to do. When we give our old clothes to people who don't have enough, it helps them stay warm and comfortable. It's a kind way to share and help others.

# 14 The Sun, Moon and Stars

## Exercise

- A. Tick (✓) the correct option?

1. The sun looks like a \_\_\_\_ hot ball of fire.

**Ans:** (a) Yellow

2. The moon looks like a big \_\_\_\_\_ ball.

**Ans:** (b) White.

3. The moon is \_\_\_\_\_ in shape.

**Ans:** (c) Round

4. The stars give us light at \_\_\_\_\_.

**Ans:** (c) Night

- C. Write (T) true and (F) false statements.

1. The sun helps living things to live. **T**

2. The moon is much smaller than the sun. **T**

3. We see stars during the day. **F**

4. Stars are very near to us. **F**

- D. Answer the following questions.

1. When do you see the sun ?

**Ans:** We see the sun during the day.

2. What does the sun look like ?

**Ans:** The sun looks like a big, yellow ball of fire.

3. When does the day change into night ?

**Ans:** The day changes into night when the sun sets.

4. What do you mean by the phases of the moon ?

**Ans:** The changing shapes of the moon as seen from Earth are called phases of the moon.

5. When do we see stars ?

**Ans:** We see stars at night.

## HOTS

- A. We should not look directly towards the sun. Why ?

**Ans.** We should not look directly at the sun because it's very bright and can hurt our eyes. The sun is so powerful that it can damage our eyes if we stare at it. If we want to see the sun, we should use special things like sunglasses or filters to protect our eyes.

- B. If your weight is 24 kg on earth; on the moon, it will be 4 kg. How many kg less will you weigh on the moon ?

**Ans.** You will weigh 20 kg less on the moon. On Earth, you weigh 24 kg, but on the moon, you will weigh only 4 kg. So, you will weigh 20 kg less on the moon compared to Earth.