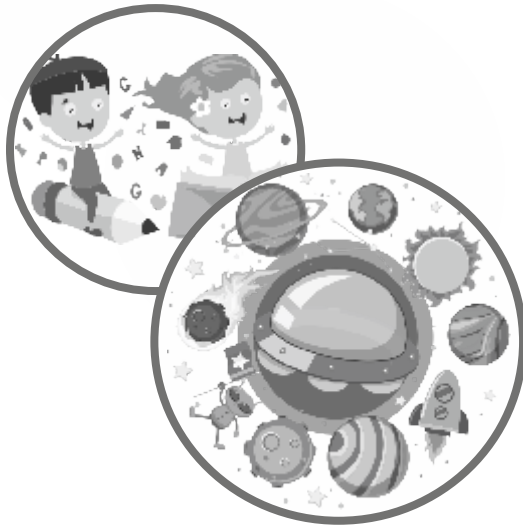


# Science Sight

Teacher Manual

1





**Class-1**  
**Chapter-1 Our Surroundings**

**Exercise**

- A. 1. (c)                      2. (b)                      3. (a)                      4. (a)

**B. Living things                      Non-Living Things**

Girl	Chair
Boy	Tall
Plant	Bus
Rabbit	Doll
Hen	Wood

- C. Girl                      Mother                      Three

- D. Chair                      Bag                      Bottle

- E. We should grow more plants and we should always throw the garbage in the dustbin.

**Let's Do**

- A. Do it yourself.

- B. Do it yourself.

**C. Things   Grows   Eats   Moves on its own   Has babies   Living thing**

House	No	No	No	No	No
Chair	No	No	No	No	No
Tree	Yes	No	No	No	Yes
Bird	Yes	Yes	Yes	Yes	Yes
Book	No	No	No	No	No
Train	No	No	No	No	No

**Observation**

- A. Do it yourself.

- B. Do it yourself.

**HOTS**

Living things need food to get energy and energy is required to do work.

**Chapter-2 Plants Around Us**

**Exercise**

- A. 1. (b)                      2. (c)                      3. (c)

- B. 1. Climbers                      2. Herbs                      3. few                      4. trunk

- C. 1. (c)                      2. (d)                      3. (a)                      4. (b)

- D. Creepers do not need support to grow. They grow on the ground whereas climbers need support to grow.

**Let's Do**

Do it yourself.

**HOTS**

Watermelon and pumpkin are heavy and they are creeping plants so their stems are very weak so without support they cannot climb.

**Creativity**

Do it yourself.

**Chapter-3 Food From Plants****Exercise**

- A.** 1. (c)                      2. (c)                      3. (b)                      4. (a)
- B.** 1. Banana                      Mango
2. Potato                      Tomato
- C.** 1. (b)                      2. (d)                      3. (a)                      4. (.c)

**Fun Corner**

Do it yourself.

**Creativity**

Do it yourself.

**Chapter-4 Animals Around Us****Exercise**

- A.** 1. (c)                      2. (a)                      3. (c)                      4. (b)
- B.** 1. False                      2. True                      3. True                      4. True
5. True
- C.** 1. Animals which live in forests are called wild animals. For example:- tiger, lion etc.
2. Those animals which live in our house or in the farms are called domestic animals. For ex: cow, dog etc.
3. Birds have wings which help them to fly. For example: parrot, crow
4. Insects have six legs.

**Let's Do**

Do it yourself.

**Observation**

- |             |   |      |        |   |       |
|-------------|---|------|--------|---|-------|
| 1. Elephant | - | Big  | Parrot | - | Small |
| 2. Elephant | - | No   | Parrot | - | Yes   |
| 3. Elephant | - | Walk | Parrot | - | Fly   |
| 4. No       |   |      |        |   |       |

**Fun Corner**

Do it yourself.

**HOTS**

We keep some animals at our home because they are useful to us in many ways. For example - Cows give us milk.

**Chapter-5 Homes and Food of Animals****Exercise**

- A.** 1. (c)                      2. (b)                      3. (a)                      4. (b)
5. (c)
- B.** 1. (c)                      2. (e)                      3. (d)                      4. (a)
5. (b)

C. Cow, Goat, Horse

- D. 1. trees                      2. shed                      3. food                      4. insects  
5. lion

- E. 1. Animals need home to protect themselves from heat, cold, rain and enemies.  
2. Foxes, moles and rats make holes in the ground.

**Let's Do**

Do it yourself.

**Observation**

Do it yourself.

**Fun Corner**

Do it yourself.

**Chapter-6 Knowing Our Body**

**Exercise**

- A. 1. (b)                      2. (a)                      3. (a)                      4. (a)  
B. 1. (e)                      2. (c)                      3. (d)                      4. (a)  
5. (b)  
C. 1. hands                      2. five                      3. two                      4. Skin  
5. one

**Observation**

Do it yourself.

**Fun Corner**

Do it yourself.

**HOTS**

Our tongue tells us that tea is hot and ice is cold.

**Chapter-7 The Food We Eat**

**Exercise**

- A. 1. (c)                      2. (c)                      3. (b)                      4. (c)  
5. (c)  
B. 1. True                      2. True                      3. False                      4. True  
5. True  
C. 1. healthy                      2. Rice and butter                      3. Eggs  
4. morning  
D. 1. Green                      2. Blue                      3. Blue                      4. Blue  
5. Green  
E. 1. We need food to get energy.  
2. Bread, rice, roti, sugar, butter and potatoes give us energy to work and play.  
3. We should eat green leafy vegetables because they protect us from diseases.  
4. We wash the fruits and vegetables properly before eating because this makes them free from germs.

### Let's Do

A. Do it yourself.

- B. 1. Egg                      2. Idli                      3. Bread                      4. Milk  
5. Rice                      6. Meat

### Observation

#### Fruits in Summer

Guava  
Grapes  
Pineapple  
Strawberries

#### Fruits in Winter

Kiwi  
Orange  
Grapefruit  
Chikoo

### Fun Corner

Do it yourself.

## Chapter-8 Houses and Clothes

### Exercise

- A. 1. (b)                      2. (c)                      3. (c)                      4. (a)  
5. (b)
- B. 1. clean                      2. cotton                      3. sheep  
4. umbrella                      5. weather
- C. 1. We wear clothes to protect ourselves from heat, cold, wind and rain.  
2. We get cotton from cotton plants.  
3. House protect us from heat, cold, wind and rain. It also keeps us safe from thieves and wild animals.  
4. The house in which we live with our family is our home.

### Let's Do

Do it yourself.

### Fun Corner

A. 18

B. Do it yourself.

### HOTS

We need rooms in our home because we do different activities at our home and we cannot do all the activities at one place.

## Chapter-9 Safety and First-Aid

### Exercise

- A. 1. (a)                      2. (a)                      3. (b)                      4. (c)
- B. 1. (d)                      2. (e)                      3. (b)                      4. (c)  
5. (a)
- C. 1. footpath                      2. zebra crossing                      3. toys  
4. playground
- D. 1. (i) Do not push or pull each other in the playground.  
(ii) Always wear your shoes while playing.

2. (i) We should always go for swimming with an adult person.  
(ii) We should always use rubber or swimming tube.
3. We should have first-aid in our home so that if anyone gets hurt while doing some work, we can use it.
4. We should always walk on the footpath.
5. (i) We should not run on the road.  
(ii) We should not push others.

### Let's Do

1. FIRST AID
2. DANGER

### Observation

Do it yourself.

### Fun Corner

Do it yourself.

### HOTS

We should wear swimming tubes because they will save us from drowning.

## Chapter-10 Air Around Us

### Exercise

- A.** 1. (b)                      2. (c)                      3. (c)
- B.** 1. False                    2. True                    3. True                    4. True
5. True
- C.** 1. All living things need air to breathe and to remain alive.  
2. Take two footballs of the same size. Fill one of them with air and keep the other empty. Put both the footballs on the pans of a balance. We will see that the ball filled with air goes downwards, while the other goes upwards. This proves that air has weight.  
3. Moving air is called wind.  
4. Storms are harmful as they damage our houses, crops and trees. They also hurt human beings and animals.

### Let's do

- A.** 1. KITE                      2. FAN
- B.** Do it yourself.

### Observation

Do it yourself.

## Chapter- 11 Water

### Exercise

- A.** 1. (a)                      2. (c)                      3. (b)
- B.** 1. River                    2. Rain                    3. Sea
- C.** 1. Various sources of water are rain, river, pond, lake and sea.  
2. (i) Water is used for washing clothes and utensils.  
(ii) water is used for bathing.  
(iii) Water is used for drinking

3. Drinking impure water can make us sick.
4. We can filter water to make it pure.

**Observation**

Do it yourself.

**HOTS**

- A. We should not waste water because water is used for bathing, washing and drinking. Plants also need water to grow.
- B. We should not drink water directly from rivers and lakes because it might be polluted and make us sick so we should filter it before drinking.
- C. Do it yourself.

**Chapter- 12 Daily Weather**

**Exercise**

- A. 1. (a)                      2. (a)                      3. (a)
- B. 1. True                    2. False                   3. True                    4. True  
5. False
- C. 1. Violet                  2. Indigo                  3. Blue                    4. Green  
5. Yellow                    6. Orange                  7. Red
- D. 1. Weather is the condition of the air at a particular time or place.  
2. (i) Rain water fills up the rivers, lakes and ponds.  
(ii) Rain is useful for plants and animals too.  
3. We wear woollen clothes in winter to keep ourselves warm.

**Let's Do**

- A. Do it yourself.
- B. Do it yourself.
- C. Do it yourself.

**Chapter- 13 The Sun, Moon and Stars**

**Exercise**

- A. 1. (a)                      2. (b)                      3. (a)                      4. (b)
- B. 1. gases                    2. Moon                    3. shape  
4. constellation            5. plants and animals
- C. 1. Yes                      2. Yes                      3. Yes                      4. No
- D. 1. Sun is a round ball of hot gases. We get heat and light from the sun.  
2. On a full moon, the shape of the moon is round.  
3. We can see the stars in sky in the night.  
4. The heat of the stars does not reach us because they are so far away.  
5. Special pattern made by stars are called constellations.



**Let's Do****When Sun is in the sky**

School  
 Play  
 Sunlight  
 Lunch  
 Breakfast

**When moon is in the sky**

Dinner  
 Sleep  
 Stars  
 Dream  
 Owl

**Observation**

We cannot see the moon on cloudy nights because the clouds hide the moon.

**Creativity**

Do it yourself.

**Model Test Paper-1**

- A.** 1. (c)                      2. (c)                      3. (c)                      4. (c)  
 5. (b)                      6. (a)
- B.** 1. hands                      2. shed                      3. trunk                      4. few  
 5. beehives
- C.** Cow,                      Rat                      Girl
- D.** Cow                      Elephant                      Horse
- E.** 1. (d)                      2. (c)                      3. (b)                      4. (a)
- F.** 1. Animals that live in forest are called wild animals.  
 2. Insects have six legs.  
 3. Rats and moles make holes in the ground.  
 4. Parrots and owls are examples of birds.  
 5. Birds have wings which help them to fly.  
 6. We should grow more plants and always throw the garbage in the dustbin.
- G.** 1. Animals need home because it protects them from hot, cold and rain.  
 2. Birds fly from their wings. Parrots, owl and Eagle are example of birds.  
 3. A plants has branches, thick stems called trunks outer covering called bark and they have many leaves.

**Model Test Paper-2**

- A.** 1. (c)                      2. (a)                      3. (c)                      4. (c)  
 5. (a)                      6. (a)
- B.** 1. plants and animals                      2. constellations  
 3. sheep                      4. clean                      5. shape
- C.** Do it yourself.
- D.** 1. Blue                      2. Blue                      3. Green
- E.** 1. False                      2. True                      3. True                      4. True

- F.**
1. Weather is the condition of the air at a particular time or place.
  2. Rice, bread, butter, roti and potatoes give us energy to work and play.
  3. A house where we live with our family is known as home.
  4. We can make water pure by filtering it.
  5. All living being need air to breathe and to remain alive.
  6. Moving air is called wind.
- G.**
1. (i) We should not push anyone.  
(ii) We should not run on the road.  
(iii) We should not lean outside the window while travelling in cars or buses.
  2. (i) Water is used for bathing.  
(ii) Water is used for cleaning.  
(iii) Water is used for drinking.
  3. Take two footballs of the same size. Fill one of them with air and keep the other empty. Put both the footballs on the pans of a balance. We will see that the ball filled with air goes downwards, while the other goes upwards. This proves that air has weight.