

Teacher's Resource Book

Our **Habitat**

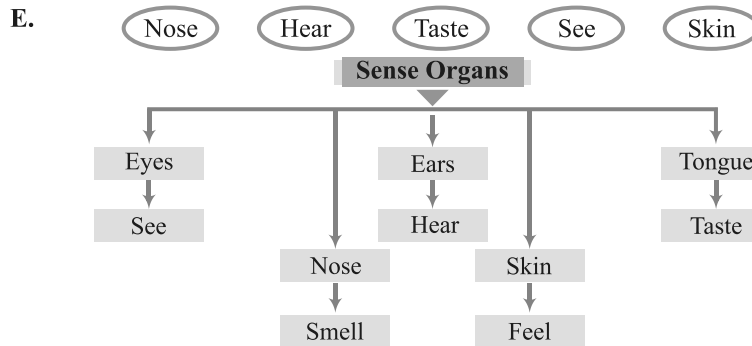
A Book of Environmental Studies

1

1. Parts of Our Body

Exercise

- A. 1. (b) 2. (b) 3. (c) 4. (b) 5. (c)
- B. 1. legs 2. hands 3. nose 4. head
- C. 1. Nose 3. Ear 3. Skin 4. Tongue 5. Eyes
- D. 1. Five body parts and their uses are :
- (a) Eyes are used to look at the world.
 - (b) Mouth is used to smile, speak and eat.
 - (c) Ears are used to hear music.
 - (d) Hands are used to pick the bat.
 - (e) Legs are used to run fast.
2. The sense organs of the human body are eyes, ears, nose, tongue and skin.



- F. Do it yourself.
- G. Do it yourself.



2. Food, Health and Hygiene

Exercise

- A. 1. (c) 2. (a) 3. (c) 4. (c) 5. (b)
- B. 1. healthy 2. vegetables 3. strong
4. meat 5. fat

- C.** 1. Fruits, Vegetables 2. Burger, Chips
 3. Goat, hen 4. wheat, Rice
 5. River, Lake
- D.** 1. We need food to grow, to get energy and do work.
 2. Fruits and vegetables help our body to grow and stay strong. They help the body to fight germs and diseases.
 3. We should drink milk as it makes our bones and teeth strong.
- E.** Do it yourself.
- | | | |
|-----------|----------------|-------------------|
| F. | Fruits | Vegetables |
| | 1. Strawberry | 1. Tomato |
| | 2. Mango | 2. Brinjal |
| | 3. Guava | 3. Carrot |
| | 4. Grapes | 4. Cauliflower |
| | 5. Papaya | 5. Cabbage |
| | 6. Banana | 6. Potato |
| | 7. Apple | 7. Radish |
| | 8. Orange | 8. Green Peas |
| | 9. Pomegranate | 9. Drumstick |



3. Housing and Clothing

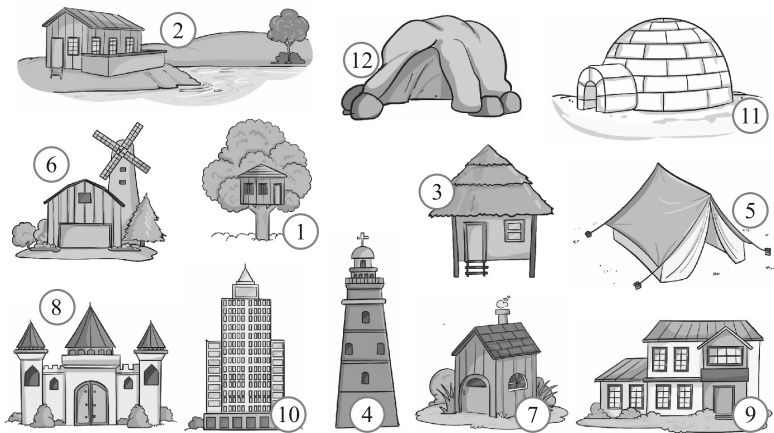
Exercise

- A.** 1. (b) 2. (c) 3. (c) 4. (b) 5. (c)
- B.** 1. kitchen 2. tent 3. caravan 4. Igloo 5. natural fibres
 6. natural 7. factories
- C.** 1. The house made on a boat is called a houseboat.
 2. We need clothes to cover our body.
 3. Clothes are made up of fibres.
 4. Two examples of plant fibres are cotton and flax. Two examples of animal fibres are wool and silk.
 5. Eskimos are people who live in very cold regions.
- D.** 1. A kutch house is made of hay, grass, twigs, bamboo, mud, etc. It is a weak house. On the other hand, a pucca house is made of bricks, cement, stones, steel and wood. It is a strong house.
 2. Natural fibres are obtained from natural sources such as plants and animals whereas man-made fibres are made in factories.
 3. Woollen clothes do not let the warmth escape and keep us warm.

E.

t	r	e	e	h	o	u	s	e	a	r	w	g	s	l
a	j	q	i	q	r	b	q	f	u	h	u	t	o	i
p	c	o	p	a	l	a	c	e	l	d	t	j	k	g
o	m	k	j	t	b	e	l	y	a	l	s	t	o	h
f	e	w	k	j	l	t	e	n	t	h	m	o	p	t
a	w	h	t	e	h	i	j	m	o	z	y	k	h	h
r	c	d	c	j	z	y	k	m	n	e	x	t	k	o
m	o	e	a	g	h	f	z	r	c	p	o	u	r	u
h	t	b	s	k	y	s	c	r	a	p	e	r	t	s
o	t	p	t	m	z	y	x	k	v	d	y	u	e	e
u	a	f	l	s	o	b	f	v	e	u	x	t	l	a
s	g	v	e	t	u	s	k	i	e	s	u	r	m	p
e	e	u	t	q	y	o	j	k	y	i	g	l	o	o
z	x	t	m	a	n	s	i	o	n	p	h	d	i	p

1. □tree house
2. □palace
3. □hut
4. □light house
5. □tent
6. □farm house
7. □cottage
8. □castle
9. □mansion
10. □skyscraper
11. □igloo
12. □cave



F. Do it yourself.

G. Do it yourself.

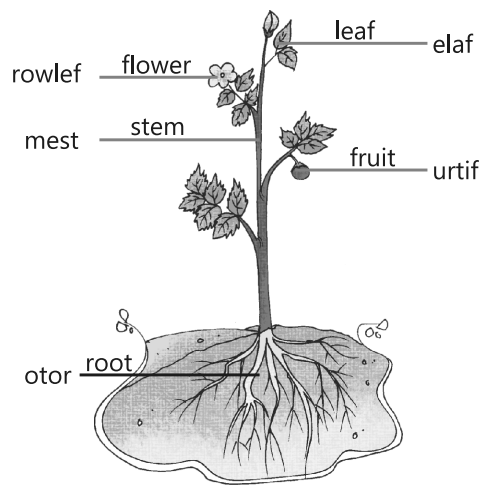


4. Plants and their Importance

Exercise

- A. 1. (c) 2. (b) 3. (c) 4. (b) 5. (b)
- B. 1. water 2. root 3. Fibres 4. the leaf 5. flowers
- C. 1. The flower changes into a fruit.
2. Some plants that store food in their stem are potato, ginger and onion.

3. Radish, carrot and beatroot store food in their roots.
 4. Neem and Tulsi are medicinal plants.
 5. Two products obtained from plants are food and wood.
- D.**
1. Leaves help the plants by making food for them.
 2. Roots are the parts of a plant that are present inside the soil. They supply water and nutrients to the plant.
 3. Plants are important to us as they provide us many things which are used in our daily life.
 4. Plants like mango and banyan live on land while lotus and lily live in water.
- E.**



- F.** Do it yourself.



5. Animals, their Babies and Shelters

Exercise

- A.** 1. (b) 2. (c) 3. (a) 4. (c) 5. (c)
- B.** 1. plants 2. carnivores 3. herbivores 4. cub
5. infant
- C.** 1. The young one of a lion is called a cub. It lives in a cave.
2. The horse lives in a stable.
3. The cow lives in a shed and the horse lives in a stable.

4. The spider builds a web and the bird builds a nest.
 5. The baby of the sheep is called lamb while the baby of a monkey is called infant.
- D.**
1. A herbivore is an animal that eats plants and plant products for its food. Two examples are a cow and a goat.
 2. Two examples of carnivores are a lion and an eagle.
 3. Omnivores are the animals which eat both plants and flesh of other animals. Two examples are bear and man.
- E.**
- | Herbivores | Carnivores | Omnivores |
|-------------------|-------------------|------------------|
| Elephant | Lion | |
| Giraffe | Eagle | |
| Zebra | | |
| Deer | | |
| Hippopotamus | | |
| Rhinoceros | | |
| Rabbit | | |
| Monkey | | |
| Ostrich | | |
- F.**
- | City | Sea | Desert | Garden | Forest |
|-------------|------------|---------------|---------------|---------------|
| Dog | Fish | Camel | Lizard | Lion |
| Cat | Whale | Lizard | Bird | Tiger |
| Cow | Shark | Onyx | Fly | Giraffe |
| Buffalo | Octopus | | | Tiger |
| Horse | | | | Deer |
| Donkey | | | | Rhino |
- G.** Do it yourself.

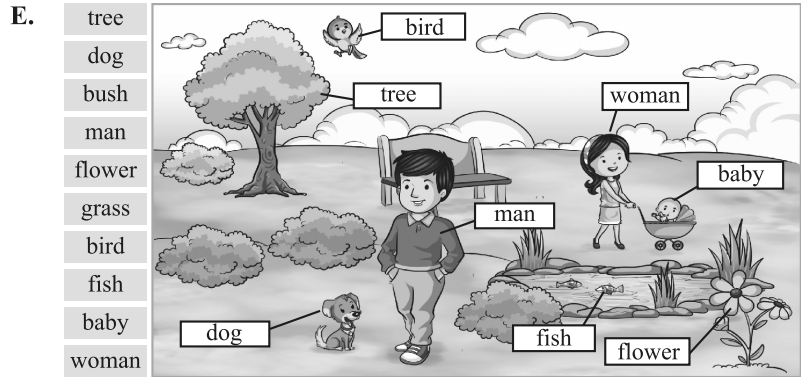
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6. Living and Non-living Things Around Us

Exercise

- A.** 1. (b) 2. (c) 3. (a) 4. (b) 5. (a)
- B.** 1. non-living things 2. food 3. energy
4. air 5. gills
- C.**
1. Living things need food to grow, stay healthy and get energy.
 2. Living things move for food, shelter and to protect themselves.
 3. Living things breathe to live. They breathe through nose and gills.

- D. 1. A bus or a car is a non-living thing as it cannot move on its own.
2. Sheetal cried because she was hurt which caused her pain.



F.

Living (L)		Non-living (NL)	
L	NL	L	L
NL	NL	NL	L
NL	L	NL	L

7. Air and Water

Exercise

- A. 1. (c) 2. (a) 3. (c) 4. (a) 5. (b)
- B. 1. air, water 2. underground tanks 3. helicopter, aeroplane
- C. 1. Air and water are essential for life.
2. We feel air by its movement.
3. While breathing, living things inhale and exhale.
4. Water is available in the rivers, lakes, ponds, wells, seas, oceans etc.
5. Rainwater is stored in underground tanks.

- D.** 1. Three uses of air are as follows :
- Wet clothes become dry because of moving air.
 - All living things need air to breathe.
 - Air supports burning.
2. Three uses of water are as follows :
- Living things need water to live.
 - Water is used for cooking food.
 - Water is needed for dousing fire.
3. Three methods to conserve water are as follows :
- Turn off the water while washing hair.
 - Turn off the tap while brushing teeth and bathing.
 - Check leaking water pipes and get them repaired.

E.



Well



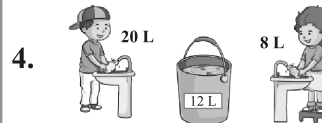
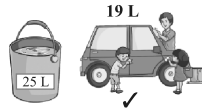
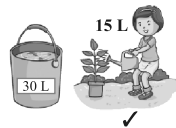
Handpump



Dam

- F.** (a) 1. Chair 2. Hair 3. Stairs
 4. pair of 5. fair

(b)



8. Different Seasons

Exercise

- A.** 1. (b) 2. (a) 3. (a) 4. (b) 5. (a)
- B.** 1. umbrella 2. gloves 3. sunglasses 4. a sweater
- C.** 1. The days of summer were hot.
 2. The grasshopper was relaxing in the shade.

3. The ant was working hard the whole summer.
 4. There are four seasons in a year.
- D.** 1. The winter days were very cold.
 2. The ant worked in the summer to gather food.
 3. The grasshopper did not get food in summer.
 4. The movement of the earth around the earth causes seasons.
- E.**
- | Season | Fruits | Vegetables |
|---------------|------------------|-------------------|
| Summer | Mango, Banana | Potato, Lettuce |
| Winter | Apple, Orange | Cabbage, Beans |
| Rainy | Apple, Blueberry | Pumpkin, Spinach |
- F.** Do it yourself.

9. Our Nation

Exercise

- A.** 1. (c) 2. (b) 3. (b) 4. (a) 5. (a)
- B.** 1. Pakistan, China 2. Amravati 3. Bengaluru
 4. Kolkata 5. Bhubaneswar
- C.** 1. Our neighbours live around us.
 2. Our country has nine neighbouring countries.
 3. We have 28 states.
 4. There are 8 union territories in our country.
- D.** 1. The tiger is the National Animal of India.
 2. The lotus is the National Flower of India.
 3. The mango is the National Fruit of India.
 4. The banyan is the National Tree of India.
 5. The peacock is the National Bird of India.
 6. Hockey is the National Game of India.
 7. Shri Narendra Modi is the present Prime Minister of India.
 8. Smt. Droupadi Murmu is the present President of India.
- E.** Do it yourself. **F.** Do it yourself.

10. Earth, Moon and Sun

Exercise

- A.** 1. (b) 2. (b) 3. (b) 4. (b) 5. (a)
- B.** 1. Sun 2. the moon 3. earth
 4. astronauts 5. Neil Armstrong

- C. 1. The earth is the member of the Sun's family.
 2. The total number of planets is eight.
 3. The earth is the only planet with life conditions.
 4. The sun is actually a large star.
 5. We are dependent upon plants for food.
- D. 1. The solar system is the family of the Sun.
 2. The earth is called the Blue Planet as it is the only planet that has water.
 3. Plants depend on the Sun for sunlight. They use it to prepare food.
 4. An astronaut is the person who goes to space.
 5. Neil Armstrong and Rakesh Sharma are the names of two astronauts.

- E. 01. Mercury
 02. Jupiter
 03. System
 04. Venus
 05. Saturn
 06. Neptune
 07. Earth
 08. Uranus
 09. Sun
 10. Mars
 11. Solar
 12. Moon

m	o	o	n	a	i	h	c	j	t	b	m
e	k	l	e	g	u	r	a	n	u	s	e
v	f	l	p	k	a	z	g	o	n	u	r
i	m	d	t	r	f	u	c	j	r	n	c
b	h	j	u	p	i	t	e	r	x	g	u
j	v	e	n	u	s	f	w	p	y	v	r
s	c	o	e	a	r	t	h	d	n	q	y
y	k	i	c	s	r	b	m	u	z	o	l
s	a	q	j	m	a	r	s	g	h	a	m
t	o	h	l	f	l	i	q	z	d	p	k
e	c	f	x	p	o	n	a	j	y	q	w
m	g	b	l	k	s	a	t	u	r	n	i

- F. 1. Star 2. Sun 3. Moon 4. Sky
 5. Cloud 6. Rainbow 7. Aeroplane
- G. Do it yourself. □

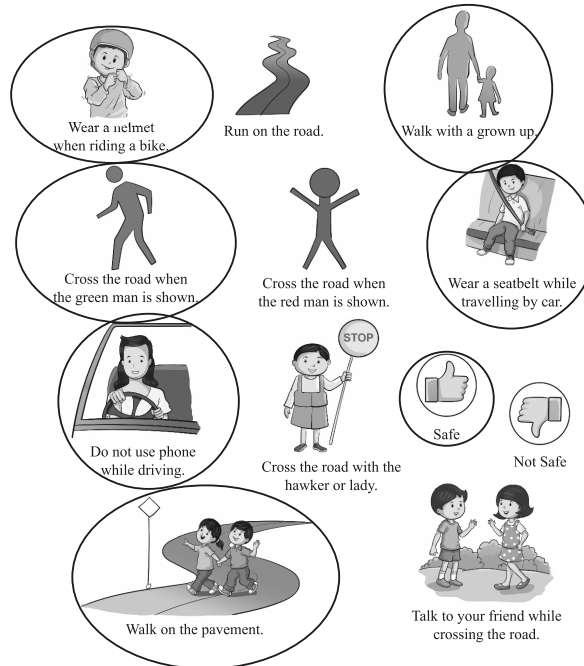
11. Safety on Road and at Home

Exercise

- A. 1. (b) 2. (b) 3. (a) 4. (b)
 5. (b) 6. (c) 7. Do it yourself.
- B. 1. parents, elders 2. Accidents 3. wet
 4. footpath 5. Do not

- C. 1. stairs 2. oil-water 3. shock 4. stranger
- D. 1. Five safety rules to be followed at home are :
 (i) Do not open the front door to any stranger you do not know.
 (ii) Do not operate electrical gadgets on your own.
 (iii) Do not touch switches with wet hands.
 (iv) Do not turn on the gas stove on your own.
2. Traffic lights are the red, yellow and green lights used as traffic signals so as to control the traffic flow.

E.



- F. 1. Twinkle, twinkle 2. shining
 3. stop, green 4. slow



12. Inventors and Inventions

Exercise

- A. 1. (a) 2. (c) 3. (a) 4. (a) 5. (c)
- B. 1. A computer 2. inventions 3. easy, comfortable
 4. walk 5. Inventors

- C.
 1. Gutenberg Press was invented around 1440.
 2. Alexander Graham Bell invented the telephone in 1876.
 3. James Naismith invented the game of basketball in 1891.
 4. Herman Hollerith invented the punch card tabulation machine.
 5. Wright brothers invented the airplane.
- D.
 1. Inventions help us by making our lives easy and comfortable.
 2. The significance of Herman Hollerith's invention is that it is the basis of modern computer.
 3. Computer is useful to us as we use it for doing sums, playing games and for gaining other knowledge.
- E. Do it yourself.
- F.
 1. A spacecraft
 2. Air
 3. Helicopter and aeroplane

