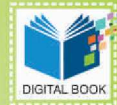




Teacher's Manual

Book-1 ...02

Book-2 ...09



- Nisha Bansal
- Priyanka Singh

Green Earth

A Text Book on **Environmental Studies**

- Multiple Choice Questions (MCQs)
- Activity | Project
- Value Based Questions
- Model Test Paper

1

Introducing Myself

- A. Do it yourself.
- B. 1. parents; 2. school; 3. morning; 4. family
- C. 1. Father – office; 2. Mother – kitchen; 3. Student – school bag; 4. Grand Mother – walking stick
- D. Do it yourself.

Activity/Project

- 1. Do it yourself; 2. Do it yourself.

Value Based Question

- 1. ✓; 2. ✓; 4. ✓

2

My Body

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) NOSE; (b) FINGERS; (c) NOSE
(d) LIGHT; (e) EYES; (f) TV
- 2. (a) TEETH; (b) HAND; (c) LEG; (d) NOSE
- 3. (a) SEE; (b) LOOK AROUND; (c) SMELL; (d) WALK; (e) STAND; (f) TASTE
- 4. CROSSWORD PUZZLE–



Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

3

Keeping Clean

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) soap; (b) bath; (c) teeth; (d) go outside; (e) hair
- 2. (a) (v); (b) (i); (c) (iv); (d) (ii); (e) (iii)
- C. 1. For being healthy and fresh, we should keep ourselves clean.
- 2. We should have a haircut regularly and should wash and keep our hair clean.

3. We can keep our ears clean by using soft towel and cotton buds.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself

4

My Family

- A. 1. (c); 2. (a); 3. (b)
- B. 1. (a) (iv); (b) (iii); (c) (ii); (d) (i)
2. Do it yourself.
- C. 1. Father and mother are parents.
2. There are two children in a small family.
3. Big family does not live happily.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

5

Helping One Another

- A. 1. (b); 2. (a); 3. (c)
- B. 1. Do it yourself.
2. (a) love; (b) share; (c) mother; (d) father
- C. 1. Father earns money for the family.
2. Mother cooks food at home.
3. Children can help their parents in many work at home.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question: Do it yourself.

6

House

- A. 1. (c); 2. (a); 3. (c)
- B. 1. (a) family; (b) wild animals; (c) small; (d) different
2. (a) living room; (b) bedroom; (c) lawn; (d) study room; (e) dinning room; (f) kitchen
3. (a) living room; (b) in the kitchen; (c) bathroom; (d) bedroom
- C. 1. We need a house to protect us from heat, cold, wind, rain, wild animals and thieves.
2. We sleep in our bedroom.
3. We sit and talk to our guests in living or drawing room.
4. We take bath in our bathroom.

9

My School

- A. 1. (c); 2. (a); 3. (a)
- B. 1. (a) (iv); (b) (iii); (c) (ii); (d) (i)
 2. (a) doctor; (b) library; (c) play ground; (d) Music room
 3. (a) ☺; (b) ☹; (c) ☹; (d) ☹
- C. 1. We learn to read, write and count in school.
 2. Principal, teachers, nurse, gatekeepers and office staff help us in school.
 3. Gandhi Jayanti, Independence Day, Republic Day, Children's day, Teacher's day, Annual day and Sports day are celebrated in our school.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

10

People Who Help Us

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) (iii); (b) (i); (c) (ii)
 2. (a) policeman; (b) vendor; (c) electrician; (d) milkman; (c) auto-mechanic
 3. (a) Hospital; (b) School; (c) Post office; (d) Factory
- C. 1. A doctor treats us when we are sick.
 2. Electrician, watchman, milkman, postman, policeman, doctor.
 3. A policeman protects us.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

11

Festivals We Celebrate

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) worship; (b) Gandhiji; (c) langar; (d) Christmas
 2. (a) gifts; (b) lights; (c) sevian; (d) family
 3. (a) (iii); (b) (iv); (c) (ii); (d) (i)
- C. 1. Christmas is celebrated on 25th December.
 2. 'Guru Granth Sahib' is the holy book of Sikhs.
 3. The festival of Muslims is called Eid.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

12

The God We Pray To

- A. 1. (b); 2. (b); 3. (b)
B. 1. (a) (ii); (b) (i); (c) (iv); (d) (iii)
2. Do it yourself.
C. 1. Christians go to Church to pray.
2. Gurudwara is a place of worship for Sikhs.

13

How We Travel?

- A. 1. (c); 2. (c); 3. (c)
B. 1. (a) ☉; (b) ☉; (c) ☉
2. (a) fastest; (b) water; (c) land; (d) air
3. (a) Track; (b) Boat; (c) Bus; (d) Rocket
C. 1. Motorcycle, Scooter, Bus, Car, Auto Rickshaw.
2. We can go to a place quickly by aeroplane.
3. We go to school by bus.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

14

Safety Rules

- A. 1. (a); 2. (a); 3. (c)
B. 1. (a) gas; (b) push; (c) sharp objects; (d) footpath
2. Do it yourself.
C. 1. footpath; 2. Zebra crossing; 3. knives or forks
D. 1. When we are in hurry or do not listen to our elders, we may hurt ourselves.
2. We can keep ourselves safe by following safety rules.
3. We must avoid playing with scissors, knives, paper cutters and other sharp objects at home.
4. The traffic light tells us to STOP, WAIT and GO.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

15

Good Habits

- A. 1. (b); 2. (b); 3. (b)
B. 1. (a) ☺; (b) ☹; (c) ☹; (d) ☺
2. (a) Please; (b) Wash; (c) Chew; (d) Queue

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

16

Keeping Fit

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) ☹; (b) ☹; (c) ☹; (d) ☹
2. (a) walking, running; (b) exercise; (c) tired; (d) rest
- C. 1. Exercise helps us to keep fit.
2. Elders can go for a walk early in the morning or in the evening.
3. The body needs rest to be fresh for the next day.
4. Do it yourself.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

17

The Animals World

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) big; (b) squirrel; (c) Crocodile; (d) Lion, tiger
2. (a) (i), (b) (iii), (c) (iv), (d) (ii)
- C. 1. A bird has wings and it can fly in the sky. They have feathers and beak.
2. Insects are small animals. they have six legs.
3. Fish, Octopus
4. Domestic animals are useful to us. We keep them in farms and houses. They are called domestic animals;

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

18

The Plants World

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) ☹; (b) ☹; (c) ☹; (d) ☹; (e) ☹
2. (a) (ii); (b) (i); (c) (v); (d) (iv); (e) (iii)
- C. 1. Paper, wood, medicines, vegetables, fruits.
2. Do it yourself.
3. Because climbers cannot stand straight so they need support.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

19

Water

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) ponds; (b) few days; (c) clean;
2. (a) (ii); (b) (i); (c) (iii); (d) (iv)
- C. 1. To wash clothes and to drink.
2. Different sources of water are – lake, pond, river, snow, rain, etc.
3. Water in the wells is called underground water.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

20

Air

- A. 1. (b); 2. (c); 3. (a)
- B. 1. (a) ☹; (b) ☺; (c) ☹; (d) ☹
2. (a) Air; (b) Moving; (c) wind; (d) breathing; (e) burning
- C. 1. Air can blow our hair and flap our dress so we can feel the air around ourselves.
2. Moving air is called wind.
3. Air helps a boat to sail in water and tyres are filled with air.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question: Do it yourself.

21

The Sky

- A. 1. (c); 2. (a); 3. (a)
- B. 1. (a) heat, light; (b) night; (c) shape; (d) Clouds; (e) seven
2. (a) (iv); (b) (iii); (c) (ii); (d) (i)
- C. 1. The Sun gives us heat and light.
2. Because at noon, the Sun shines brightly.
3. After the rain stops, we see sometimes a beautiful rainbow.

Activity/Project : Do it yourself.

HOTS : Do it yourself.

Value Based Question : Do it yourself.

1

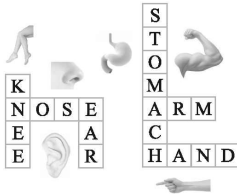
More About Myself

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

2

My Body

- A. 1. (b); 2. (a); 3. (c)
 B. 1. (a) mouth, hands; (b) brain, hands; (c) legs; (d) lungs; (e) teeth
 2. (a) brain; (b) hand; (c) skeleton; (d) legs; (e) sense organs
 3.



- C. 1. Human body is made up of bones, muscles and skin.
 2. To keep body healthy and fit, we must take care of our body parts.
 3. Brain controls the working of all body parts.
 4. The organs that helps us to sense the things around us are called sense organs. Eyes – to see, Ears – to hear, Nose – to smell, Tongue – to taste, Skin – to feel.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

3

Growing Up

- A. 1. (b); 2. (a); 3. (c)
 B. 1. (a) ✓; (b) ✗; (c) ✗; (d) ✓
 2. (a) Plants; (b) Animals; (c) Humans
 (a) Chair; (b) Table; (c) Book
 C. 1. Living things grow like plants, animals, humans.
 2. A very young plant or tree that has grown from a seed are called seedling.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

4

My Family

- A. 1. (b); 2. (a)
- B. 1. (a) nuclear; (b) earn; (c) clean; (d) fun
2. (a) (v); (b) (iv); (c) (ii); (d) (iii); (e) (i)
- C. 1. Our parents, brothers and sisters make a family. Like us animals have their families too.
2. Different types of families are – small family, big family and joint family.
3. We have festivals, birthdays and wedding celebrations in our family.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

5

Having Fun With The Family

- A. 1. (c); 2. (a); 3. (a)
- B. 1. (a) mind; (b) indoor; (c) food; (d) fairs
2. (a) (iii); (b) (iv); (c) (ii); (d) (i)
- C. 1. We need to rest and relax to keep our body fit and mind fresh.
2. The games we play outside the house are called outdoor games like cricket, hockey.
3. To keep our mind fresh, we need to play outdoor games.
4. We go to exhibitions and fairs or melas for recreation.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

6

Different Types Of Houses

- A. 1. (c); 2. (a); 3. (c)
- B. 1. caves, shades; (b) caravans; (c) stilt; (d) fresh air; (e) neat, clean
2. (a) (v); (b) (i); (c) (iv); (d) (ii); (e) (vi); (f) (iii)
- C. 1. We need a house to protect us from heat, cold, rain and wind.
2. There are two kinds of houses – Kachcha house and Pucca house.
3. Architect, mason, carpenter, plumber, electrician, painter and labourers help to build houses.
4. We can care our houses by keeping them neat and clean.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

7

My School

- A. 1. (b); 2. (c); 3. (a)
- B. 1. (a) ✗; (b) ✓; (c) ✓; (d) ✓
2. (a) Music room; (b) games; (c) subjects; (d) 5th September
- C. 1. Children go to school to learn many things.
2. Because students need some relaxation from studies.
3. Singing, dancing and games.
4. Do it yourself.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

8

Clothes We Wear

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) pods; (b) cocoon; (c) weavers; (d) tailor (e) washerman
2. (a) (v); (b) (iv); (c) (i); (d) (ii); (e) (iii)
- C. 1. We wear clothes to protect ourselves from heat, cold and rain.
2. We get clothes from different types of plants and animals.
3. We wear raincoats and gumboots during rainy season.
4. Silkworms eat mulberry leaves. Silkworms weave a cocoon around themselves. We get silk thread from the cocoons.
5. We can take care of our clothes by washing them with a good soap and clean water.

Activity/Project : Do it yourself.

Value Based Question: Do it yourself.

9

The Food We Eat

- A. 1. (c); 2. (c); 3. (a)
- B. 1. (a) rice and butter etc.; (b) carrot; (c) non-vegetarians; (d) covered
2. (a) ✗; (b) ✓; (c) ✗; (d) ✓
- C. 1. We eat food to get energy. Three kinds of food are – body building food, energy giving food and protective food.
2. Because it helps in digesting the food, we eat and to remove wastes from our body.
3. We should cover the food to protect it from flies.
4. A diet which has all the necessary nutrients is called balanced diet.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

10

Our Neighbourhood

- A. 1. (b); 2. (b); 3. (b)
- B. 1. (a) letter box; (b) Doctor; (c) fire; (d) money
2. (a) (iii); (b) (ii); (c) (i)
- C. 1. The group of houses and other buildings around us is our neighbourhood.
2. People who live in our neighbourhood are called our neighbours.
3. Because we go to school to learn many things and study.
4. Because people can keep money and jewellery in the bank.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

11

Working People

- A. 1. (a); 2. (c); 3. (c)
- B. 1. (a) (iii), (b) (iv), (c) (ii), (d) (i)
2. (a) ✓; (b) ✗; (c) ✓; (d) ✗
3. (a) vegetables; (b) pots; (c) blacksmith; (d) medicines; (e) roads, bridges
- C. 1. Do it yourself.
2. All people have to do some work for their living. They get money for the work they do. The work they do is called professional occupation.
3. A chemist sells medicines.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

12

Festivals And Celebrations

- A. 1. (a); 2. (b); 3. (b)
- B. 1. (a) ✗; (b) ✗; (c) ✓; (d) ✓
2. (a) Jesus Christ; (b) Gurupurav; (c) Eid-ul-Fitr; (d) Pongal
- C. 1. Holi is called the festival of colours because people threw coloured water at one another.
2. Ramzans are the fast that muslims keep for one month.
3. People offer prayers and bring out processions and eat from a common kitchen called Langar on Gurupurav.
4. On this day, Christians wear new dresses. Children hang stockings in their rooms on the night before Christmas.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

13

My Country

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) (iv); (b) (iii); (c) (ii); (d) (v); (e) (i)
2. (a) languages; (b) Mahatma Gandhi; (c) three; (d) 24
- C. 1. Gandhi Jayanti is celebrated on the birthday of Mahatma Gandhi.
2. 15th August is important for us because our country got freedom on this day.
3. It has three colours so it is called Tiranga.
4. Do it yourself.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

14

Means Of Transport

- A. 1. (a); 2. (c); 3. (a)
- B. 1. (a) ✓; (b) ✗; (c) ✓; (d) ✗
2. Bullock-cart, bus, tonga, train, taxi, aeroplane, ship
- C. 1. The first wheel was like round logs of wood under crude sledges.
2. Do it yourself.
3. Tonga and bullock-cart.
4. Motorcycle and bus.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

15

Safety Habits

- A. 1. (c); 2. (c); 3. (a)
- B. 1. (a) queue; (b) footpath; (c) running; (d) First-aid
2. (a) (iii); (b) (iv); (c) (i); (d) (ii)
- C. 1. Safety means protecting ourselves from any kind of harm or accident. So, it is very necessary for us to keep safe.
2. We should not leave toys scattered on the floor because we may trip over them and hurt ourselves.
3. We should always obey the traffic rules on the road.
4. We should not run and jump on the benches, and should not push one another at school.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

16

Healthy Habits

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) top, toe; (b) wiped, dry; (c) soap, clean; (d) flush
 2. (a) ✓; (b) ✗; (c) ✓; (d) ✗
- C. 1. We can keep our body healthy by keeping it clean.
 2. We should wash and comb our hair, brush our teeth twice a day, bathing with good soap and clean water and exercise to keep our body clean.
 3. We must use a handkerchief when we have cold so that it is not spreaded to others.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

17

Being Good And Doing Good

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) good; (b) truth; (c) likes; (d) respect
 2. We must do :
 (a) be punctual
 (b) talk softly
 (c) speak the truth
 (d) respect elders
- We must not do :
 (a) be late
 (b) be rude
 (c) tell a lie
 (d) disrespect elders
- C. 1. To be on right time is called punctuality.
 2. We should be cheerful because a smiling face is loved by all.
 3. We should put garbage and waste in dustbin.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

18

The Animals World

- A. 1. (b); 2. (a); 3. (c)
- B. 1. (a) Pet; (b) kennel; (c) bear; (d) omnivores; (e) leather
 2. (a) lion; (b) camel; (c) monkey; (d) vulture
3. **Carnivores** **Omnivores** **Herbivores** **Scavengers**
- | | | | |
|---------|------|--------|---------|
| Tiger | Bear | Rabbit | Vulture |
| Leopard | Cow | Cow | Wolf |
| Lion | | Deer | |
| | | Zebra | |
| | | Goat | |

- C. 1. Domestic animals live in farms and houses but wild animals live in forest.
2. Scavengers eat the flesh of dead animals so they clean the surroundings.
3. Animals are useful to us because we get useful things like milk, butter, cheese, honey, wool, silk and leather from animals.
4. We should take care of animals because they are useful for us in many ways.

Activity/Project : Do it yourself

Value Based Question : Do it yourself

19

The Plants World

- A. 1. (b); 2. (a); 3. (c)
B. 1. (a) ✓; (b) ✗; (c) ✓; (d) ✓
2. (a) (iv); (b) (v); (c) (iii); (d) (ii); (e) (i)
C. 1. Trees are plants with woody stems.
2. Small and bushy plants are called shrubs.
3. Cactus
4. Lotus

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

20

Air

- A. 1. (a); 2. (b); 3. (a)
B. 1. (a) ✗; (b) ✓; (c) ✗; (d) ✓; (e) ✗
2. (a) present; (b) gases; (c) space; (d) air
C. 1. Fresh air is which contains sufficient oxygen.
2. Nitrogen, Oxygen, Carbon dioxide and other gases.
3. Air occupies space and has weight.

Activity/Project : Do it yourself.

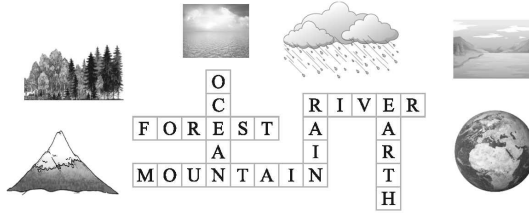
Value Based Question : Do it yourself.

21

Our Earth

- A. 1. (c); 2. (b); 3. (a)
B. 1. (a) Forests; (b) deserts; (c) plain; (d) ocean; (e) land

2.



- C.
1. The land on the Earth is divided into big pieces called continents.
 2. We cannot drink sea water because it is salty.
 3. It is not safe to drink river water because it may have germs and dirt in it.
 4. Plants and trees are important because they give food and oxygen to breathe.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

22

The Sun

- A.
1. (b); 2. (a); 3. (c)
- B.
1. (a) ball of fire; (b) warmth, light; (c) shadow; (d) opposite; (e) small
 2. (a) (iv); (b) (iii); (c) (ii); (d) (i)
- C.
1. We should not look at the Sun directly because it may harm our eyes.
 2. The Sun is important to us because it gives us heat and light.
 3. Shadow is formed when an object blocks the path of light.
 4. The shadow is the shortest at noon.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.

23

Seasons

- A.
1. (c); 2. (b); 3. (c)
- B.
1. (a) (iv); (b) (ii); (c) (iii); (d) (i)
 2. (a) day; (b) winter; (c) rainy; (d) spring
- C.
1. We have three main seasons in a year.
 2. We wear light cotton clothes in summer.
 3. Spring season brings flowers.
 4. Do it yourself.

Activity/Project : Do it yourself.

Value Based Question : Do it yourself.