

EXPLORER SCIENCE

Class-1 **ANSWER KEY**

Chapter-1
Things Around Me

LEAD QUESTIONS (Pg-5)

1. Soil
2. Computer

EXERCISES

- A. Tick things found in nature.**
Sun, monkey, plants, birds, river
- B. Match the names with the pictures.**
1. bicycle – (d)
 2. pen- (a)
 3. watch- (c)
 4. cup- (b)
- C. Circle the odd one out in each set.**
1. pen
 2. hen

Activity based learning- NEP 2020

- A. This is Brownny's pup and the things around it. Colour the picture.**
Individual Response
Tick the correct answer about Brownny's pup.
1. I am found in nature.
- B. You take us to school every day. Can you tell our names ? Write our names and colour us**

with the colours of your choice.

Individual Response

1. Water Bottle
2. Lunch Box
3. Geometry Box
4. Bag

Chapter-2

Living and Non-living Things

LEAD QUESTIONS (Pg-11)

1. Tiger
2. Ring

EXERCISES

A. Tick the correct option.

1. rat
2. tricycle
3. parrot

B. Name two

1. living things- birds, human beings
2. non-living things- toy, car

C. Circle the living things.

Boy, rabbit, peacock, dog

Activity based Learning—NEP 2020

A. Stick the green-coloured bindis on the tree to make it beautiful.

LIVING

B. Find these words in the wordsearch. Circle them.

Individual response

Chapter-3

The World of Plants

LEAD QUESTIONS (Pg-17)

1. trees
2. fruit
3. pea plant

Work Corner (Pg-20)

Name any two

- | | |
|--------------|------------|
| 1. Palm tree | Mango Tree |
| 2. Rose | Mehndi |

Activity based Learning- NEP 2020

Can you name the plants to which these given leaves belong?

- | | | |
|----------|-----------|-----------|
| 1. neem | 2. peepal | 3. palm |
| 4. rose | 5. banana | 6. papaya |
| 7. lotus | | |

EXERCISES

A. Tick the correct option.

1. (b) small, 2. (b) many seeds, 3. (a) new plant

B. Write 'T' for a True statement and 'F' for a False one.

1. T
2. T
3. F
4. T

C. Name these parts of a plant.

1. FLOWER
2. FRUIT
3. LEAF

D. Match the flowers with their names.

- | | |
|-------------|--------------|
| 1. Marigold | 2. Lotus |
| 3. Pansy | 4. Sunflower |

E. Answer the following questions.

1. The hard, thick woody stem of a tree is called trunk.
2. Leaf, flower, fruit, stem, root
3. Watermelon, Orange
4. The process of growing of a plant from a seed is called germination.

F. Fill in the blanks with one, a few and many.

1. a few seeds
2. many seeds
3. one seed

G. Look at the pictures of the plants and write their types.

- | | |
|-------------|-------------|
| 1. Tree | 2. Climbers |
| 3. Tree | 4. Herbs |
| 5. Creepers | |

Test Yourself

- A. Colour the balloons blue that have names of things found in nature. Colour the balloons yellow that have names of things made by people.**

rock, fish, rabbit – blue
fan, pen, book, carrot – yellow

B. I am a part of a plant. Who am I?

1. Fruit 2. Seed 3. Flower

C. Circle the things in the wordsearch which a seed needs to grow.

Individual response

Chapter-4 The World of Animals

LEAD QUESTIONS (Pg-29)

1. Tiger
2. Goat
3. Pigeon

HOCS (Pg-31)

What special name is given to the animals that live both on land and in water ?

Amphibians

HOCS (Pg-33)

Are we omnivores?

Yes, we are omnivores.

HOCS (Pg-33)

Why are spiders not insects ?

Spiders are insects because they have eight legs.

WORK CORNER (Pg-34)

Write 'T' for a True statement and 'F' for a False one.

1. T
2. T
3. F
4. T
5. F

EXERCISES

A. Tick the correct option.

1. (b) Blue whale
2. (c) Crocodile
3. (b) Ostrich

B. Fill in the blanks with the correct words from the brackets.

1. pigeon
2. monkey
3. frog
4. tiger

C. Match the animals with the body parts they use to move.

2. fish - (d)
3. duck - (a)
4. bird - (b)

D. Name any two animals that are

1. Cow, Horse
2. Tiger, Wolf
3. Crow, Bear

E. Answer the following questions.

1. Rabbits use their long legs to hop around.
2. Insects have six legs.
3. Frogs swim in water by using their webbed feet.

Activity Based Learning- NEP 2020

A. I am the national animal of India. Identify me and write my name.

Tiger

B. Unscramble the letters to get the names of the shelters of the given animals.

DEN, KENNEL, STABLE

C. Create your own scrap book and paste pictures of animals and birds.

Individual response

To be animal friendly, you will

3. take your pet to a doctor when it is sick.

4. Keep a bowl of water outside your home for birds to drink water.

Project Idea

1. GIRAFFE (Across), GOAT (down)

2. TIGER 3. ELEPHANT

4. PEACOCK 5. COW 6. CAT

Chapter-5 Our Body

LEAD QUESTIONS (Pg-39)

1. Eyes- 2

Ears- 2

Legs- 2

Fingers- 10

2. ears

EXPERIENTIAL LEARNING- NEP 2020

Which body part has the ability to taste sweet, salty, bitter and sour thing?

Tongue

HOCS (Pg-41)

Why should we not try to taste things given to us by strangers?

Because it can be harmful for our health.

EXERCISES

A. Answer the following questions.

1. Legs
2. Hands
3. Yes
4. Eyes, nose, skin, ears, tongue

B. Draw a line to match the body-part with what it helps us to do.

1. Eyes- see
2. Tongue- taste
3. Nose- smell
4. Skin- feel
5. Ear-hear

**C. Which body parts tell you the following?
Choose from the list.**

- | | |
|-----------|---------|
| 1. eyes | 2. ears |
| 3. tongue | 4. nose |
| 5. skin | |

D. Tick the correct option.

1. (a) Legs
2. (b) Nose
3. (b) Ears

Project Idea

1. 2. 3. 4. 5.

Chapter-6

Our Basic Needs

LEAD QUESTIONS (Pg-45)

1. healthy
2. Apple
3. Milk

HOCS (Pg-47)

Why should we wash all fruits and vegetables before eating them ?

We should wash all fruits and vegetables before eating them to remove dirt.

Activity based Learning—NEP 2020

Write the names of the fruits and the vegetables you see in the picture.

2. bananas
3. carrots
4. tomatoes
5. potatoes
6. apples

WORK CORNER (Pg-48)

Cross the odd one out in each set.

1. Apple
2. Pulses
3. Coconut

EXERCISES

A. Tick the correct option.

1. (a) mango
2. (c) Potato
3. (b) rice
4. (c) mustard

B. Fill in the blanks with the correct words from the box.

1. Spinach
2. Wheat
3. summer
4. Sugar
5. Bedroom

C. Answer the following questions.

1. We need food to live and grow.
2. The seeds of pea, rajma, gram and dals are called pulses.
3. We get milk, eggs, meat and honey from animals.
4. We get cotton from the cotton plants. We get wool from sheep.
5. We need a house to live in.

Test Yourself

A. Who am I?

- | | |
|------------|----------|
| 1. FROG | 2. FISH |
| 3. PENGUIN | 4. SNAKE |

B. Circle the body part that is used for doing each of the following tasks.

- | | |
|-------------|--------------|
| 1. (b) Legs | 2. (b) Hands |
| 3. (a) Eyes | 4. (b) Ears |
| 5. (a) Nose | |

C. Colour the correct boxes.

- | | |
|------------|-----------------|
| 1. animals | 2. bedroom |
| 3. winter | 4. drawing room |

TEST PAPER-1 (for chapters 1 to 6)

A. Write 'T' for a True statement and 'F' for a False one.

- | | | |
|------|------|------|
| 1. F | 2. T | 3. F |
| 4. T | 5. T | |

B. Answer the following questions.

1.

Living Things	Non-living Things
1. They can breathe.	1. They cannot breathe.
2. They can feel.	2. They cannot feel.
3. They can grow.	3. They cannot grow on their own.

2. Sense Organs help us to know the world around us.
3. Insects have six legs. Two insects that have wings are: Butterfly and mosquito.
4. We need a house to live in.

C. Name the following.

1. Sense organs
2. Natural things
3. Hands
4. Wings
5. Milk

D. Tick the correct answer.

1. table
2. Non-living things
3. small
4. fins
5. cereals

Chapter-7
(Keeping Fit)

LEAD QUESTIONS (Pg-56)

1. Green Vegetables

2. Afternoon
3. Good posture

HOCS (Pg-59)

Why should we not sleep with our face covered ?

We should not sleep with our face covered because it does not allow to breathe oxygen.

EXERCISES

A. Answer the following questions.

1. a. Wash all fruits and vegetables before eating.
b. Eat fresh fruits and vegetables.
2. Breakfast, lunch and dinner are the three meals that we have in a day.
3. Yoga helps us to relax and stay healthy.

B. Write T for True and F for False statement.

1. F
2. F
3. T
4. F

Chapter-8 Keeping Clean

LEAD QUESTIONS (Pg-61)

1. Daily
2. Everyday

EXERCISES

A. Match the columns.

1. (c)
2. (e)
3. (d)
4. (b)
5. (a)

B. Answer the following questions.

1. The habit of staying clean is known as cleanliness.

3. We should cross the road at the zebra crossing.
4. We should not leave toys on the floor. We or someone else might trip over them.

Activity Based Learning- NEP 2020

Tick the things Tina should play with. Put a cross against the thing she should not play with.

Tina should play with toys and ball.

She should not play with scissors, blades, fire, nails and matchsticks.

Test Yourself

A. Tick the correct answer.

1. (a) healthy food
2. (b) dinner
3. (a) nail-cutter
4. (b) clean
5. (a) right

B. Harry wants to do yoga. Help him reach the park.

Individual response

C. Find the hidden message.

DO NOT RUN ON THE ROAD

Chapter-10

Air

LEAD QUESTIONS (Pg-70)

Which of these activities make the air dirty ?

Tick the correct options.

- burning firecrackers
- smoke from vehicles
- smoke from factories

HOCS (Pg-71)

Why does a burning candle stop burning when it is covered with a glass jar?

A burning candle stops burning when it is covered with a glass jar because of lack of enough oxygen in the glass.

EXERCISES

A. Tick the correct option.

1. (a) breathe 2. (b) storm
3. (b) space

B. Write the first letter of the name of each of these. You will get the names of the objects that can fly.

1. KITE
2. BIRD

Activity based Learning—NEP 2020

Circle the things in which we can fill air.

Ball, Balloon and Tyre

Chapter-11

Water

LEAD QUESTIONS (Pg-74)

1. sea
2. Clean container
3. waste water

WORK CORNER (Pg-76)

Name any four water animals.

Dolphin, Shark, Octopus, Crab

HOCS (Pg-76)

How much of our earth is covered with water ?

71%

EXERCISES

A. Name the given sources of water.

1. Rain
2. River
3. Sea
4. Pond

B. Answer the following questions.

1. Rain is the main source of water.
2. Water that collects under the ground is called underground water.
3. We must turn off the tap after use.

C. Write 'T' for a True statement and 'F' for a False one.

1. F
2. T
3. F
4. T

Project Idea

- A. Individual response B. Individual response
C. 1. 2. 3. 4.

Chapter-12

Weather

LEAD QUESTIONS (Pg-79)

1. On a sunny day
2. rainy day

WORK CORNER (Pg-80)

Write 'T' for a true statement and 'F' for a false one.

1. T
2. F
3. T

EXERCISES

A. Tick the correct option.

1. (b) cotton clothes
2. (a) soup
3. (a) raincoats

B. Look at the pictures and write the correct weather words.

1. rainy
2. sunny
3. cold

C. Fill in the blanks with the correct words from the list.

1. Weather
2. sunny
3. snow
4. rainbow

Activity based Learning—NEP 2020

Put 'R' for the pictures to be used on a rainy day, 'H' to be used on a hot day and 'C' to be used on a cold day.

- | | |
|---------------|---------------|
| 1. Cap-H | 2. Umbrella-R |
| 3. Muffler-C | 4. Sweater-C |
| 5. Gloves-C | 6. Raincoat-R |
| 7. Gumboots-R | 8. Goggles-H |
| 9. Sleepers-H | |

Chapter-13

Up in the Sky

LEAD QUESTIONS (Pg-83)

- | | |
|--------|----------|
| 1. Sun | 2. Stars |
|--------|----------|

HOCS (Pg-83)

Why do the sun, the moon and the stars though being big, still appear small to us ?

They are very far from us, therefore, they look small to us.

Activity based Learning—NEP 2020

Match each shape of the moon with its correct name:

- | | |
|------------------|--------------|
| 1. Full moon | 2. Half Moon |
| 3. Crescent moon | 4. New Moon |

EXERCISES

A. Tick the correct option.

- | | |
|---------------|--------------|
| 1. (a) sun | 2. (b) west |
| 3. (b) change | 4. (c) many |

B. Give one word for each of the following.

- | | | |
|---------|---------|----------|
| 1. Sun | 2. West | 3. Stars |
| 4. East | 5. Moon | |

C. Write the first letter of the name of each picture. Write the word formed.

1. CLOUD
2. MOON
3. SUN
4. STAR

Test Yourself

A. Name the type of weather when you want to

1. Cold days
2. Hot days
3. Rainy days
4. Hot days

B. Read the clues and write the correct word in the blank spaces. Also, circle them in the wordsearch.

1. AIR
2. WIND
3. STORM
4. FIRE
5. WATER

C. Tick the cloud that needs water.

Boy, cow, cat, plant

D. Make the sun shine.

Individual response

TEST PAPER-2 (for chapters 7 to 13)

A. Match the columns.

1. Wind- (c) helps dry wet clothes
2. A gentle wind- (a) is called a breeze
3. Water filter- (d) gives us clean water
4. Rain- (b) is the main source of water

B. Answer the following questions.

1. a. On hot days, sun shines brightly. On rainy days, it rains a lot.
b. We like to wear light-coloured cotton clothes to stay cool in hot days. We wear raincoats or carry umbrellas when we go out in the rainy days.
2. a. Wash all fruits and vegetables before eating.
b. Eat fresh fruits and vegetables.
c. Do not eat stale food.
3. A storm is a natural event that happens when strong winds, rain, thunder, and lightning occur together. It can cause various damages, such as blowing trees, breaking branches, destroying homes etc.
4. We can see moon and stars in the sky at night.

C. Fill in the blanks with the correct words from the list.

- | | | |
|----------|-----------|----------|
| 1. dirty | 2. chew | 3. storm |
| 4. floor | 5. toilet | |

D. Write 'T' for a true statement and 'F' for a false one.

- | | | |
|------|------|------|
| 1. F | 2. T | 3. F |
| 4. T | 5. T | |