

# GYAN-VIGYAN (EVS)

# 3



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# GYAN-VIGYAN

## (EVS)

3



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## Preface

This book, 'Gyan Vigyan' deals with the child and his relation with the environment and surroundings. It gives knowledge of health and hygiene also. The main purpose of this series is to make the learning of environmental studies interesting and creative for the young beginners. It gives the impact that the subject is easy and child friendly.

It links the learners to their surroundings e.g. family, neighbours, community, environment and eco system. It will help the children to inculcate values like cleanliness, honesty, co-operation, concern for life and environment. The book is written in simple language, colourful illustration and interesting activities.

Each chapter is followed by exhaustive exercises that include true/false, fill in the blanks, match the following and simple questions. Things to remember at the end of each chapter provides quick revision of the chapter.

We have tried our best to present the book according to the need of students. We welcome your suggestions for further improvement.

**Dr. Ranjna Gupta**

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# Poonam's Day Out

## Chapter 1

Poonam was sleeping under the tree. Some birds did the mischief. She opened her eyes and saw upward it was a crow sitting on the tree. She saw many birds and animals sitting on the tree like pigeon, squirrel, monkey, butterfly, sparrow, parrot, crow etc.



Poonam got up and went to pond to wash her face. There she saw many animals in the pond and outside the pond. e.g. fish, frog, crane, goat, buffalo, etc.



Different animals move in different ways to go from one place to another. Some animals like goat, buffalo, cow, monkey etc. walk. Some

animals like lizard, crocodile, snake etc. crawl. Some animals fly. They are called birds. They use their wings to fly in air. e.g. pigeon, crow, sparrow, parrot etc. Most of the animals have feet.

Animals live in different places. Some live on tree e.g. birds, squirrel, monkey etc. Some animals like fish, shark etc. live in water. They die when brought outside water. Some animals can live in water as well as on land e.g. frog, crocodile etc. Some animals live on land e.g. cow, goat, buffalo, elephant, horse, lion, tiger, bear etc. Some live under the ground in burrows like rat, snake etc. Some animals live in our houses. Some of them are rat, lizard, cockroach, cat, dog, cow, buffalo, goat, horse, sparrow, crow, pigeon etc.

## Things To Remember

- ❖ Animals live everywhere in water, on land, under the ground, in air etc.
- ❖ Animals have different styles, some walk, some fly, some swim and some crawl.

## Exercise

### A. Put 4 or 8:-

1. Monkey lives in water.
2. Birds live on tree.
3. Snakes crawl on the ground.
4. Fish uses wings to move in water.
5. Frog lives in water as well as on land.


**Hint**  
pond  
water  
wings  
tree  
land

**B. Fill in the blanks.**

1. Cow lives on \_\_\_\_\_ .
2. Crocodile lives on ground as well as in \_\_\_\_\_ .
3. Birds use \_\_\_\_\_ to fly.
4. Cranes are found near \_\_\_\_\_ .
5. Monkey lives on \_\_\_\_\_ .

**C. Match the following.**

**A**

1. Fish
2. Cow
3. Birds
4. Crocodile
5. Rat

**B**

- a. tree
- b. crawl
- c. burrow
- d. land
- e. water

**D. Answer the following questions :-**

1. Who was sleeping under the tree?
2. Which part of the body is used by birds to fly?
3. What are the different places where animals can live?
4. Where do crocodiles live?
5. What are the different styles of movements of animals?

**E. Answer the following questions in one word :-**

1. Who did mischief with Poonam? .....
2. Give name of any two birds sitting on the tree? .....
3. Name two animals which live under the ground? .....
4. Where do lizards mostly live? .....
5. Where did Poonam go to wash her face? .....

**Activity :** Go to the park and note the names of organisms that you see there. Take help from your teacher.



# The Plant Fairy

## Chapter 2

Teacher took her students of class 3rd to the garden. She taught them about plants while playing with the children. She became a fairy and ordered students to touch different plants and to observe them.



While playing, children saw that some plants are short, some are bushy and some are very tall.

Teacher classified them in different groups.

The groups are : herbs, shrubs and trees.

**Herbs :** Herbs are very small plants. They have soft and green stem. They have short life. e.g. grass, coriander, mustard, spinach, mint etc.



Grass



Coriander



Mustard



Spinach



Mint

**Shrubs :** Shrubs are small bushy plants. They are bigger than herbs and smaller than trees. They have thin, hard and bushy stem. e.g. rose, jasmine, china rose.





Rose



Jasmine



China Rose

**Trees :** Trees are big and tall plants. They live for many years. They have hard, thick and woody stem called trunk. e.g. banyan tree, mango, peepal, neem etc.



Banyan Tree



Mango Tree



Peepal Tree



Neem Tree



Eucalyptus Tree

**Climbers & Creepers :** Some plants have weak stem. They need support to stand. Some climb up with support they are called climbers. e.g. grape vine, pea plant, money plant and some run on the ground they are called creepers. e.g. cucumber, pumpkin, water melon etc.



Grape Vine



Pea Plant



Money Plant



Cucumber Plant



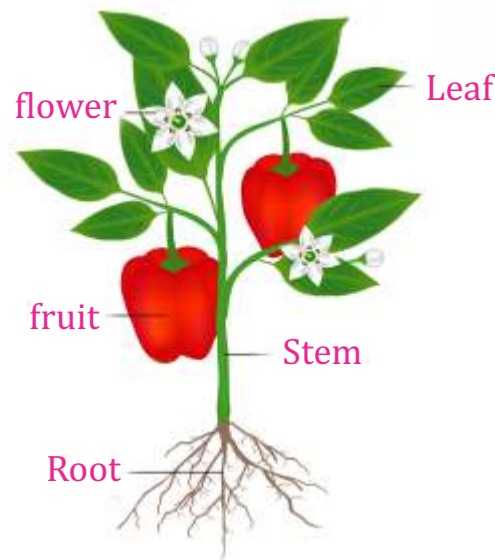
Pumpkin Plant



Water Melon Plant



## Parts of a plant



**Root:** The root of a plant grows under the ground. It holds the plant firmly to the soil. It also takes water from the soil.



**Stem :** All plants have stem. It is the part of a plant which grows above the ground bear leaves, flowers and fruits. These all together forms the shoot of the plant.



Tulsi



Rose



Banyan Tree



**Leaves :** They have different shapes. i.e. round, long, short, thick, thin. They have different colours also. Their margins are also different.

Leaves are the part of a plant which help in the breathing of a plant. They make food for the plant by the process of photosynthesis with the help of sunlight, carbon dioxide and water.

**Flower :** Flowers are the most beautiful part of a plant. They grow into fruit.



**Lily**



**China Rose**

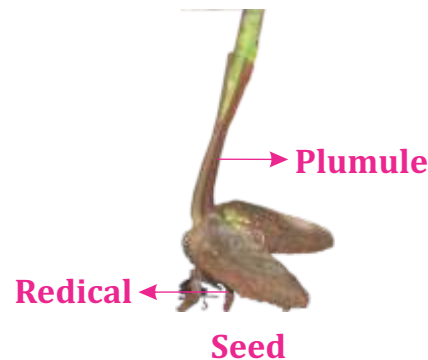


**Rose**

**Fruit and seed :** Flowers grow into fruits. Seeds are found inside the fruit, from which baby plants grow.



**Fruit**



## Things To Remember

- ❖ Plants are classified into herbs, shrubs and trees.
- ❖ A plant has following parts : root, stem, leaf, flower, fruit and seed.
- ❖ Herbs are small plants with soft stem.
- ❖ Shrubs have thin woody stem.
- ❖ Trees are tall plants with thick woody stem called trunk.
- ❖ Roots hold the plant firmly to the soil and absorb water from the soil.
- ❖ Stem bears leaves, flowers and fruits.
- ❖ Leaves prepare food by photosynthesis. They help in breathing of plant.