

Basic Science

Class 5

Time: 2 hours

Instructions

1. 15 minutes cooloff time for reading the questions.
2. EIGHT activities are given.
3. Answer any SIX activities.

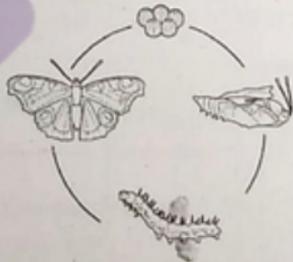
Activity 1

Observe the picture of a Butterfly Park



While playing, a child tries to destroy the worms and eggs on leaves. The other child stops him.

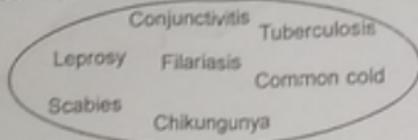
- A) Why did the girl prevent the boy from destroying the worms? What happens if the worms are destroyed?
- B) The stages of growth of a butterfly is given below. Write the stages in the proper order.



- C) Name the plant which should be included in the Butterfly Park.

Activity 2

In a Primary Health Centre, some persons affected with the following diseases are admitted.



- A) The precautions taken by the Doctors and the Staff in a hospital who treat the above mentioned patients are given below. Complete the table.

Precautions	Diseases
Wear Masks	
Wear Glasses	
Wear Gloves	
Use Mosquito bat	

- B) The Health Department officials visited the place where a person was hospitalized due to Dengue fever. What suggestions will they give to prevent the spreading of the disease? Write any two.
- C) In connection with 'Arogya Keralam' Programme which activity is observed once in a week in houses to eradicate mosquitoes?

Activity 3

- A) Select the appropriate answers from the given list and complete the cards.

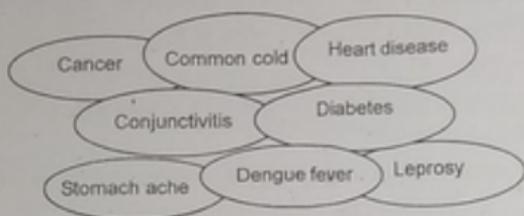


1	2	3	4	5
..... ----- ----- ----- ----- ----- -----	Land resources ----- ----- -----	Victers ----- ----- -----	Mobile Phone ----- ----- -----
IRS	INSAT			

- B) Chandrayan is the Moon exploration Project of India. Write any two advantages of Chandrayan project.
- C) Which day is observed as 'Moon Day'?

Activity 4

Teacher gives a description about health care. She mentioned the diseases given below.



- Group them appropriately.
- How does conjunctivitis spread?
- Many people die due to contagious diseases spread by micro organisms. But some micro organisms are very helpful. Write two examples for helpful micro organisms.

Activity 5

Huge depletion of biodiversity occurs due to the irrational interference of human beings.

- Write any two examples for human activities that destroy biodiversity.
- Write any two activities that can be done to protect biodiversity.
- Name an organism that faces the threat of extinction.

Activity 6

Some activities done by two children in their daily life are given below.

Child 1	Child 2
Keeps a proper distance while watching TV	Reads books while travelling
Spends entire leisure time playing games on Mobile	Avoids playing with sharp objects.
Reads sitting in a well lighted room	Watches TV sitting in a dark room.
Rubs eyes when dust gets into it.	Washes eyes with cold water when dust gets into it.

- Select and write the good habits from the activities of these two children.
- Which script is used by the blind to read and write?
- Skin is the largest organ in our body. How do we protect skin?

Activity 7

A collage of news headlines is given below.

Possibility of Cyclone in
Chennai

Found fish resource in
deep sea

Live telecast of India v/s
New Zealand Cricket match

A new source of petroleum
deposit found in Arab country

- A) Prepare a word web of the services given by artificial satellites considering the hints given in the news.
- B) Select right statements related to "Space – a World of Wonder" from the given list.
1. No need to take Oxygen in space journey.
 2. Objects have less weight in space than on Earth.
 3. The sky of moon is dark even in day time.
 4. Astronauts experience difficulty to eat food in space.
 5. Objects have more weight in space than on Earth.
 6. To sleep in a space craft the body has to be fastened with a belt to the cot that is firmly fixed.
- C. Who is known as the father of Indian Space Project.

Activity 8

The children saw some creatures in the Zoo as the part of their study tour. Their pictures are given below.



- A) Classify them based on their mode of reproduction.
- B) Some statements related to the creatures are given below. Find out the statements connected with the mammals in the land.
- Lay eggs.
 - Give birth to young ones and feed milk.
 - Presence of pinna.
 - Absence of pinna.
 - Hair on the body.
- C) Name an egg laying mammal.