# ENVIRONMENTAL STUDIES

Part - 1

#### **PREFACE**

It really gives me immense pleasure to present the handbook of Class-I EVS wihich will not only cater to the needs of Primary Teachers & students but also abnegate them from rote learning.

I feel honoured for the trust shown by **Hon'ble Smt. Sandhya Rastogi, Assistant Commissioner, KVS, RO, Jaipur,** in me for preparing this hand Book of EVS subject of Class-I during in-service course of PRT's (May, 2011).

I feel that environmental science integrates many concepts from surroundings for a child and explores the possibilities of utilizing this knowledge.

This rich and comprehensive handbook is the result of tireless efforts of Mrs. R. Saxena, PRT, K.V. No. 1 Kota and Mrs. Gopalia, PRT, K.V. No. 1 Kota, meticulous planning of Mrs. Suman Soral, Resource Person, K.V. No. 1 AFS, Jodhpur.

I am thankful to Mrs. Rashmi Saxena, Mrs. Renu Gopalia & Mrs. Suman Soral for their sincere endeavours towards the development of this handbook for the Primary Teachers.

I express my gratitude to our worthy Assistant Commissioner Smt. Sandhya Rastogi and the Education Officers of Jaipur Region for motivating me & my team, and providing valuable guidance time to time.

Also, I would like to place on record my appreciation & thanks to all the members of the team and the teachers who have been associated with this noble cause in one or the other form.

Creative suggestions and comments for further imporvement and enrichment of this handbook will be gratefully acknowledged.

Dated: 20th May, 2011

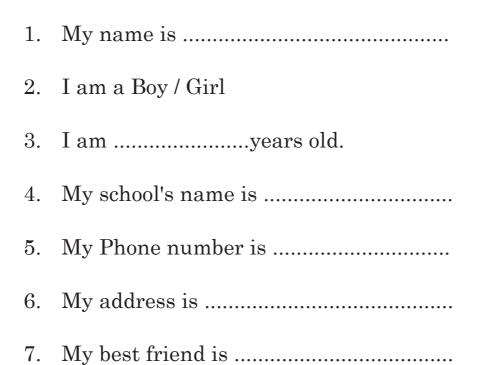
Dr. R.K. Agrawal
Course Director & Venue Principal
K.V. No. 1 Kota

#### **INDEX**

S.No	MONTHS	UNIT		TOPIC
1.	April & May	School readiness Programme		
2.	June & July	I - I and my body	(i) (ii)	Introduction Parts of Body
3.	August	II- Our Needs	(i) (ii)	Food Water & Shelter
4.	September	III - My family and Our Celebrations	(i) (ii)	My family festivals & Celebrations
5.	October	IV - Means of Tranport and Road Safety	(i) (ii)	Means of Transport Road Safety
6.	November	V - Plants and animals around us	(i) (ii)	Plants around us Animal Kingdom
7.	December	VI - My Neighbourhood	(i) (ii)	Our helpers Important places
8.	January	VIII - The earth and the sky	(i) (ii)	Sun, Moon, Earth & Stars Seasons
9.	February	VIII - Good habits	(i) (ii)	Good habits Safety habits
10.	March	Revision and Monthly cycle Test		

#### Unit - I

# Topic - I INTRODUCTION



	Parts of Body (Poem)
This i	s my body.
My bo	ody has many
parts.	
Exer	cise -
Q.1	Identify and name the different parts of the
	body.

		•••••
Q.2	Write in boxes	s how many of each of these body
	parts we have	(1 or 2)
(i)	Eyes	(ii) Nose
(iii)	Ears	(iv) Mouth
(v)	Tongue	(vi) Nose
(vii	)Hands	(viii) Leg
(ix)	Chin	
Q.3 Fill	l in the missing	g letter-
(i)		This is an a m

(ii) These are my l \_\_ gs.

(iii) Thes are my e \_\_ es.

(iv) This is my m \_\_ uth.

(v) This is my n \_\_ se.

### Poems (Starting of lesson)

Ten little fingers, Ten little toes.

Two little eyes and one little nose.

Two little ears, Two little feet

One little mouth and two rows of teeth

# Chubby cheeks, dimple chin, Rosy lips, teeth with in Curly hair very fair, Eyes are blue lovely too Teacher's pet is that you? Yes, Yes, Yes.

- (i) Foot leg knee Hand
- (ii) Teeth tongue hair lips
- (iii) Hand nose eyes ears
- (iv) Arm shoulder teeth hand

#### Q.5 Fill up -

- (i) We see with our .....
- (ii) We hear with our .....
- (iii) We taste with our .....
- (iv) We smell with our .....

## **ACTIVITY SHEET**

Q.1 Write the first letter of the following picture in the circles.







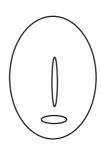


.....

Which word do you spell .....

Q.2 Draw the missing body parts in the following pictures.









.....

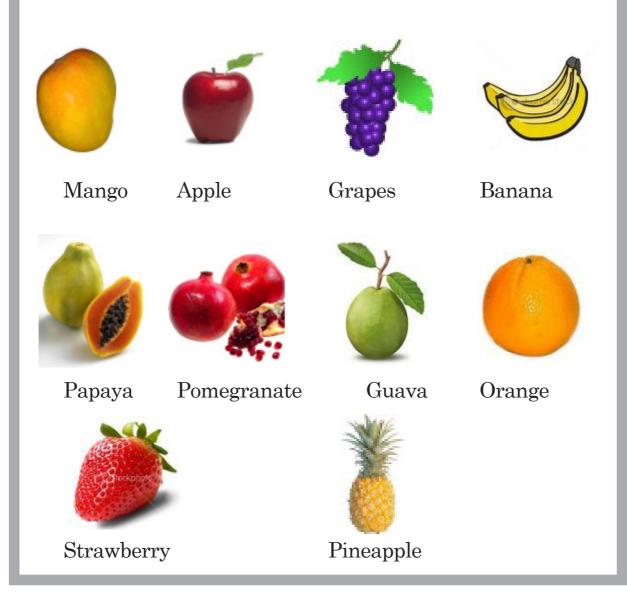
# Unit - II

## OUR NEEDS Topic - Food

We need food to live, to grow and to get energy. Food makes us healthy and strong.

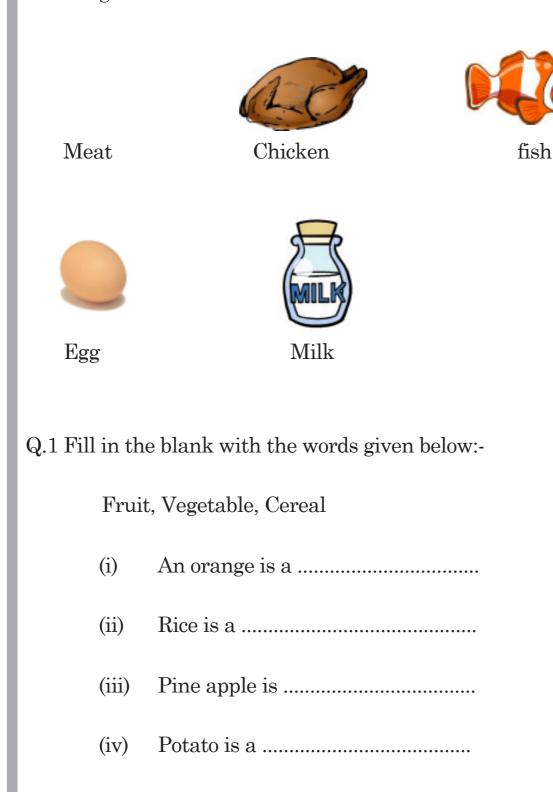
Se get fruits, vegetables, cereals etc. from plants.

#### **Fruits**



# Vegetable -Ladyfinger Pea Tomato Brinjal Onion Cauliflower Potato Carrot Gourd Spinach Cereals -Rice Millet Wheat

## We get food from animals.



Wheat is a .....

(v)

Q.2 Match the following.				
		A	В	
	(i)	Egg	Cow	
	(ii)	Apple	Hen	
	(iii)	Milk	Plant	
Q.3	Nam	ne -		
	(i)	2 Fruits		
	(ii)	Vegetables		
Q.4	Rear	range these letters to	get the fruit name.	
	A	E P L N M	G A N A O	
	•••••	••••••	Topic -	

## Water and Shelter

All living things need water to live. Life is not possible without water. We need water every day for many purposes.

We need water We need water We need water for drinking for cooking Water Bathing

We need water We need water We need water for washing clothes for cleaning utensils for watering plants

Source of Water:-		
Rain	River	Pond
Lake	Tube well	Hand Pump
Тар	Well	

## My Home -

A home is the place where we live. It protects us from heat, rain, cold, thieves and wild animals.

We stay here with our family. We feel happy and safe at home.

There are many rooms in a house.

Drawing Room	Bed Room
Kitchen	Wash Room

Q.1 Pick out the word from the pot and fill up the blank.				
			;	Sources of Water
	/ Drinking	g Cleaning	(i) .	
	Tap	River	(ii)	
	•	g Lake	(iii)	
\	Well	Watering	(iv)	
	Uses of	fwater		
	(i)		••••	
	(ii)		••••	
	(iii)	•••••	••••	
	(iv)		••••	
Q.2	Write t	the name of the r	ooms.	
	(i)	A room where w	e sit and	entertain our guest.
			•••••	•••••
	(ii)	A room where w	e have a	bath.
			•••••	
	(iii)	A room where w	e sleep.	
				•••••
	(iv)	A room where w	e cook foo	od.
			•••••	••••••

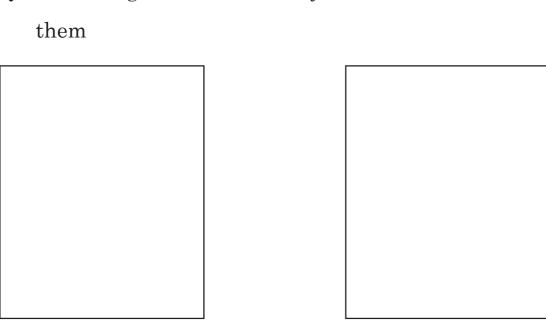
## **Activity Sheet**

Q.1 Find out the names of the fruits from the puzzle box.

Α	В	С	М	Α	Ν	G	0	Ν
Р	0	Α	Р	R	Q	G	R	X
Р	Z	Υ	Z	Р	J	W	Α	
L	0	Α	С	Α	D	Е	Ν	F
Ε	М	L	V	Υ	Ν	K	G	Η
Q	R	Α	Р	Α	Ν	Α	Е	V
S		W	X	Υ	Υ	Т	U	Z
В	С	G	R	Α	Р	Е	S	D

1	2	3	•••••
4	5	6	

 $\mathrm{Q.2\,Draw}$  diagram of 2 fruits of your choice and colour



## Unit - III

#### My family and our celebration

#### Topic - My family

My family consists of mother, father and their children.

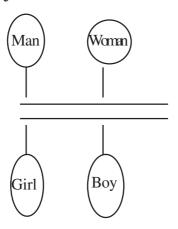
Mother and father are called parents.

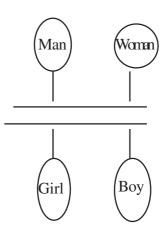
The members of a family live together in a house.

Joint family -

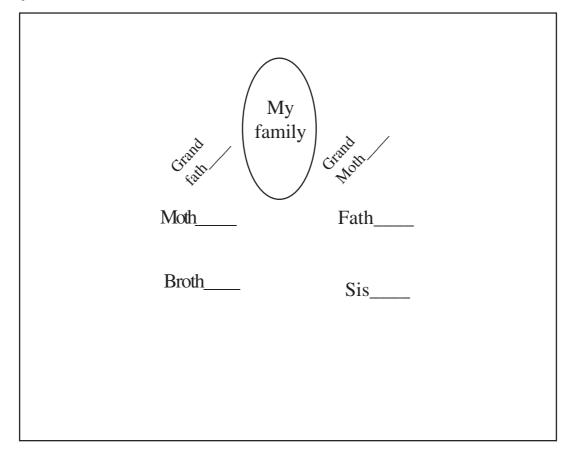
A joint family is a large family. It has grandmother, Grand father, Mother, father, Aunt, Uncles and their children.

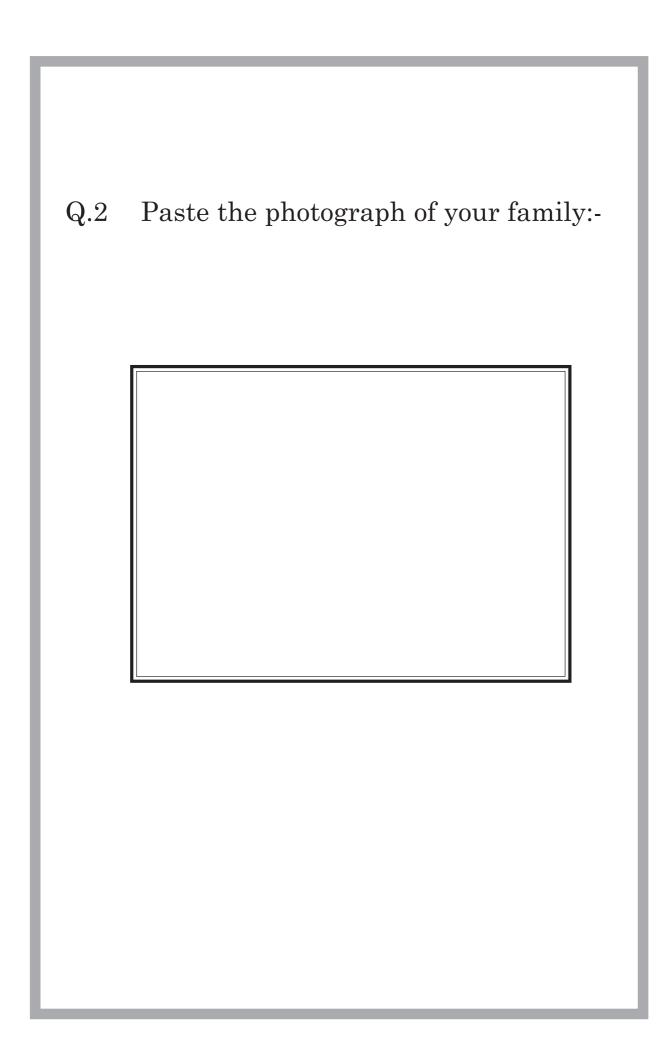
Family Tree





## $\mathrm{Q.1}$ Fill in the blanks with 'er'.





#### Topic - 2 Festivals and Celebrations

We celebrate many festivals. We celebrate festivals with our family friends and neighbours.

Festivals bring joy and unite people.

Religions festivals:-

1.

Diwali is a festival of lights, children burst fire crackers

Diwali

It is celebrated on 25 Dec. every year. On this day Christ was born

2.

Christmas

3.

On this day, people with each other 'Id Mubarak', 'Sewain' a special dish,is

prepared on this day.

Id

It is a festival of colours.4. It is a Harvest festival.

Holi

5.

The sikhs celebrate the birthdays of their ten gurus as Guruparvas

Guruparva National Festivals

Independence Day (15th August)

Republic Day (26th January)

Gandhi Jayanti (02 October)

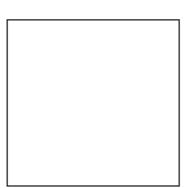
#### Celebrations:-

#### Children's day:-

We celebrate children's day on 14<sup>th</sup> November. This day is the birthday of Pt. Jawahar Lal Nehru. He loved children very much.



Teacher's Day:-



5<sup>th</sup> Sept. is Teacher's day. It is the birth day of Dr. Radha Krishnan.

Dr. Radha Krishnan

Q.1 Match the following:-

A

В

(i) Crackers

(i) Holi

(ii) Chritmas Tree

(ii) Guru Parv

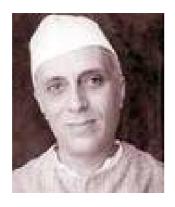
(iii) Gulal

(iii) Diwali

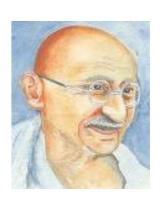
(iv) Gurubani

(iv) Christmas

## Q.2 Identify and write the name of the persons.







Pt. Jawahar Lal Nehru

(ii)

(iii)

(iv)

Dr. Radha Krishnan Gandhiji

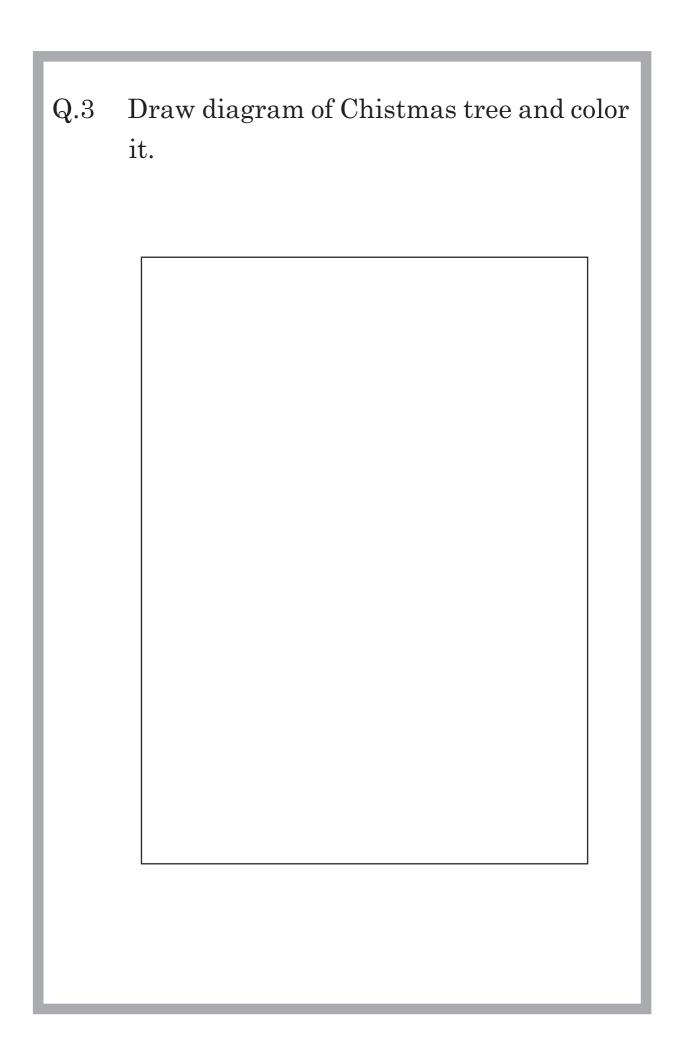
Republic Day .....

Children's Day .....

Gandhi Jayanti .....

## **Activity Sheet**

Q.1 Use picture clues and find the names of festivals. Colours (Holi) Christmas Tree Crackers ID Q.2 Write the first letter of the following pictures. You will get the name of a festival. Name the festival .....



## UNIT - IV

# Means of Transport and Road Safety Topic - Means of Transport

-	1.00	
also	used to carry	goods. These vehicles are our means of transport
Weı	use vehicles t	o travels from one place to another. Vehicles are

Land Transport -

Bus Car Bullock cart

Bicycles Train Scooter

# Water Transport







Ship

Boat

Ferry



Steamer

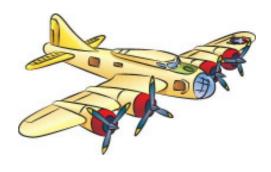


Motor Boat

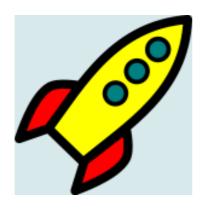
## Air Transport



Helicopter



Aeroplane





Rocket

Glider

Q.1 Circle the correct answer.

(i)	Which is the longest?	Train	Car	Scooter
(ii)	Which is the Shortest?	Bus	Scooter	Tricycle

(iii) Which is the fastest? Train Aeroplane Bus

(iv) Which is the slowest? Bus Aeroplane Bullock cart

Q.2 Write the number of wheels each means of transport has.



Car Cycle





## Rickshaw

Scooter

Q.3 Se	arch the	e names	of tran	sport

1.	•••••	С	Υ	С	L	Е
		Α	В	J	S	Δ
2.	•••••	R	J	Е	Т	M
_		Т	R	Α		Z
3.				Λ	D	Ī

- 4. .....
- 5. .....
- 6. .....

Q.4 Match with the pictures

A

В

Aeroplane



Bus



Car



Train



Auto

Q.5 Complete the words.

(i)  $B_S$ 

(ii)  $TR_IN$ 

(iii) C\_R

(iv)  $A_T O$ 

(v) B\_AT

(vi) S\_IP

Road Safety

People bicycles, scooter, cars and buses that move on the road are called traffic.

All must follow safety rules to avoid accidents.

The traffic lights are for the safety of the traffic.

When I turn red You should stop

When I turn yellow You Should wait

When I turn green You should go

Safety Rules

(i) Always walk on the footpath.



- (ii) Cross the road at the zebra crossing.
- (iii) Always keep to the left.
- (iv) Do not play on the road.
- (v) Obey the traffic rules.

Q.1	Match the following			
		A	В	
	(i)	Red	Wait	
	(ii)	Yellow	Go	
	(iii)	Green	Stop	
Q.2	Fill in the blanks with the words given in the box.			
	Footpath, zebra crossing, Road, Left			
	(i) Always keep to the			
	(ii) Always walk on the			
	(iii)	(iii) Cross the roads only at the		
			••••••	
	(iv)	Do not play on the	•••••	
Q.3	Colour the picture			
	Colour			
	•••••	•••••	Stop	
	•••••	•••••	Wait	
	•••••	•••••	Go	
	Traffic Signal			

# **Activity Sheet**

Land Transport

Water Transport

Air Transport



## Unit - V

Plants and Animals around us.

## Plants & Animals

Plants are living things.

There are many kinds of plants around us.

Big and tall plants are called trees.



Banyan Mango Pine Coconut

Small and bushy plants are called shrubs.



Rose Bougainvillea Tulsi

Very small and weak plants are called herbs.





Tomato Plants

Grass

Mint

Coriander

Plants which have weak stem and support to climb are called climbers.



Pea



Bean

Grape vine

Some plants grow along the ground. They are called creepers.



Watermelon

Pumpkin

Muskmelon

Q.1 Matcl	h the follo	owing.		
A		В		
Tree	-	Rose		
Shrul	o -	Mango		
Herb	-	Watermelo	on	
Creep	oer -	Pea		
Climb	oer -	Grass		
Q.2 Fill ir	ı the blan	ks with the	words given below.	
Herbs	s, Trees, S	Shrubs		
(i) V	ery big pl	ants are call	led	
(ii) S	mall plan	ts are called		
(iii) V	ery Smal	l plants are	called	
Q.3 Ident	ify and w	rite the nam	e	
	•••••	•••••	••••••	

#### TOPIC ANIMAL KINGDOM

We see many kinds of animals around us. Some animals are very big

I am the biggest land Animal

I am the tallest Animal

Some animals are small

Rabbit

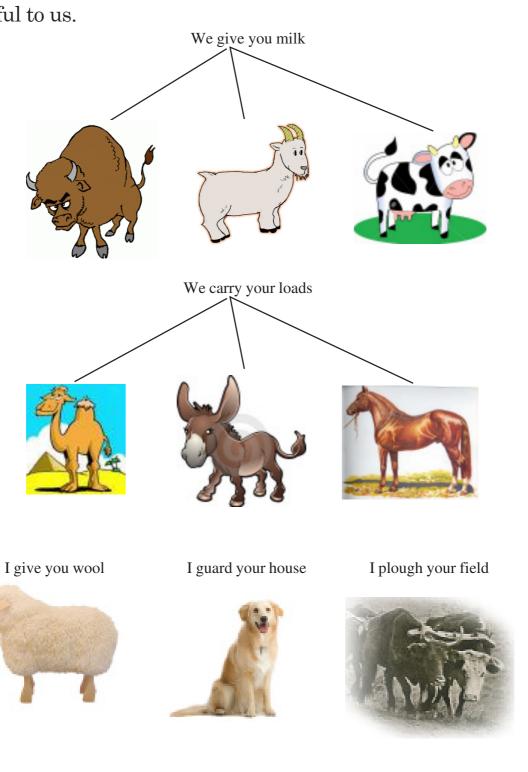
Monkey

Rat

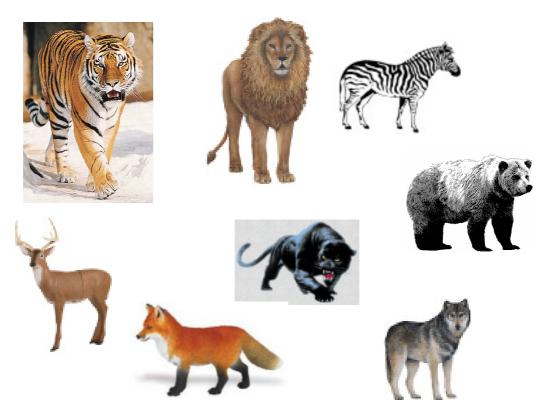
Cat

Squarrel

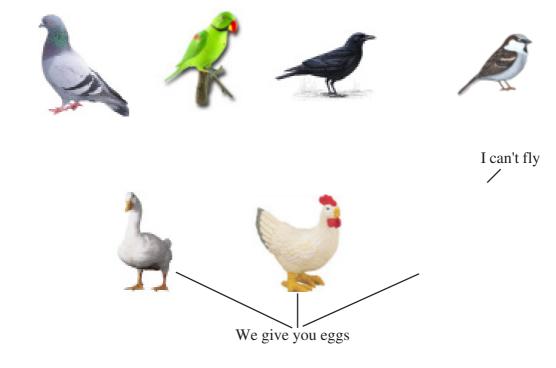
Domestic animals - Live in or around our homes. They are useful to us.



### Wild Animals - Wild animals live in forests.



Birds - Birds are animals that can fly. Birds have feathers on their body. Birds have wings. Their wings help them to fly.



#### Insects -

Insects are small animals. All insects have six legs.

Some insects have wings to fly. Some insects move on land.

#### Water Animals -

Some animals live in water. They are water animals.



Fish Octopus Dolphin Prawn

- Q.1 Write the name of the animal that
  - (i) Gives us wool
  - (ii) Guards our houses .....
  - (iii) Keeps mice away ......
  - (iv) Has fins to swim

Q.2 Give two examples of each						
(i) Big animals						
(ii) Small Animals						
(iii) Domestic Animals						
(iv) Insects						
(v) Water animals						
Q.3 Match the following wit	th pictures					
A	В					
	Deer					
	Bear					
	Fish					
	Tiger					
	Lion					

# **Activity Sheet**

Q.1 Colour all the 'P' boxes. You will get the name of a climber.

W	Р	Р	Р	W	Р	Р	Р	W	Р	Р	Р	W
W	Р	W	Р	W	Р	W	V	W	Р	W	Р	W
W	Р	Р	Р	W	Р	Р	Р	W	Р	Р	Р	W
W	Р	W	W	W	Р	W	V	W	Р	W	Р	W
S	Р	Т	S	Т	Р	Р	Р	Т	Р	Т	Р	Т

# Q.2 Make a Collage



Q.3 Collect and	paste five leaves.	
Q.4 Draw a fish	n and colour it.	

Q.5 Paste the pictures of animals.						
I give you wool	I am the largest animal	I give you milk				
I guard your house	I give you honey					

## Unit - VI

## My Neighbourhood

# **Our Helpers**

There are many people around us. They help us in our daily life. They are our helpers.

(a) A person who cures sick people.



(b) A person who looks after sick people.



(c) A person who grows crops.



(d) A person who stitches our clothes.



(e) A person who repair taps



<ul> <li>(g) A person who brings letters.</li> <li>(h) A person who cuts our hair.</li> <li>(i) A person who mends our shoes.</li> <li>(j) A person who drives a vehicle.</li> <li>Q.1 Fill in the names of the helpers from the given words.</li> <li>Barber, farmer, postman, doctor, plumber</li> <li>(i)</li></ul>	(f)	A person who teaches the children.
<ul> <li>(i) A person who mends our shoes.</li> <li>(j) A person who drives a vehicle.</li> <li>Q.1 Fill in the names of the helpers from the given words.</li> <li>Barber, farmer, postman, doctor, plumber</li> <li>(i) repairs our taps.</li> <li>(ii)</li></ul>	(g)	A person who brings letters.
<ul> <li>(j) A person who drives a vehicle.</li> <li>Q.1 Fill in the names of the helpers from the given words.</li> <li>Barber, farmer, postman, doctor, plumber</li> <li>(i)</li></ul>	(h)	A person who cuts our hair.
Q.1 Fill in the names of the helpers from the given words.  Barber, farmer, postman, doctor, plumber  (i) repairs our taps.  (ii)	(i)	A person who mends our shoes.
Barber, farmer, postman, doctor, plumber  (i) repairs our taps.  (ii) cuts hair.	(j)	A person who drives a vehicle.
(i) repairs our taps.  (ii) cuts hair.	Q.1	
(ii) cuts hair.		Barber, farmer, postman, doctor, plumber
		(i) repairs our taps.
(iii) grow crops for us.		(ii) cuts hair.
		(iii) grow crops for us.
(iv), cures sick people.		(iv), cures sick people.
(v) brings our letters.		(v) brings our letters.

Q.2 Write 'True' for correct sentences and 'False' for the wrong
sentences.
(i) A nurse washes our clothes.
(ii) A tailor stitches our clothes.
(iii) A barber repairs taps.
(iv) A doctor cures sick people.
Important Place
There are many places in our neighbourhood. They provide
us services which makes our life easy and comfortable.
(a) Hospitals:-
A hospital is a place where we go
when we are sick. The doctor cures the
sick people and the nurse look after them.
(b) Post Office:-
A post office is a place where we post
our letters parcels and money orders.

(c) Railwa	y Station:-
	Railway Station is a place where
	trains arrive and depart.
(d) Police S	Station:-
Neighb	ourhood has a police station.
The police j	protect us. They catch robbers
and thieves	. They maintain law and order.
(e) School:	-
	School is a place of learning. We learn
	to read and write there. We learn many
	other things in the school.
Q.1 Underl	ine the correct word.
(i) We	post letter in a letter box / hospital.
(ii) A d	loctor works in a post office / hospital.
(iii) We	e learn to rean and write in a park / school.
(iv) Tra	ain arrive and depart from bus stand / Rly. Station.

(v) A doctor cures healthy people / sick people.

Q.2 Match the following.

A

В

Hospital

Letters

School

Doctors

Railway Station

**Teachers** 

Post office

Train

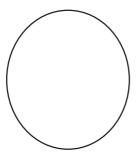
Q.3 Identify the pictures and write the name of the places.

Police Station School Hospital

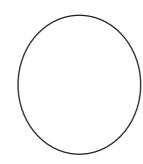
Rly. Station

**Activity Sheet** 

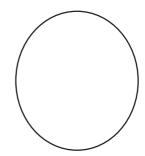
Q.1 Collect the pictures of your helpers and paste them.



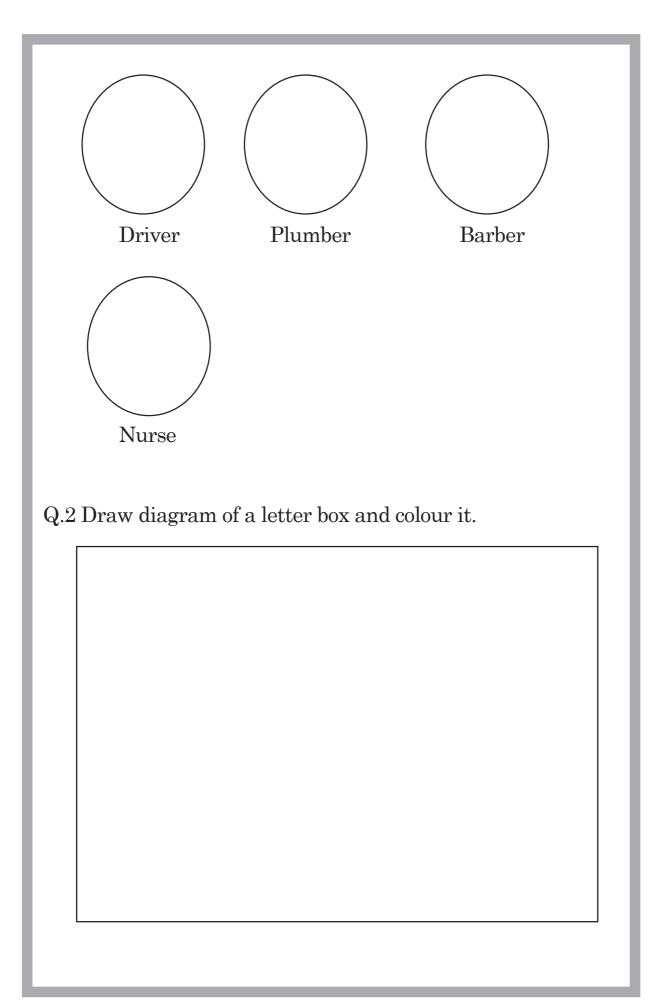
Doctor



Teacher



Tailor



### Unit - VII

## The Sky and the Earth

### Sun, Moon, Stars and Earth

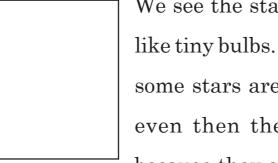
The sun is a big ball of fire. We get light and heat form the sun. The sun rises in the east and sets in the west.

We see the moon at night.

The moon has no light of it's own.

It get it's light and heat from the sun.

Sometimes we can see the moon in the day time also.



We see the stars at night. They twinkle like tiny bulbs. We cannot count the stars some stars are very big. They ar bigger even then the sun. They Look small because they ar far away from us.

The ear	th is the home of all living things.
The ear	eth is smaller than the sun but it is
bigger t	than the moon. It is round in shape.
It is ma	ide up of land and water.
Q.1 Use	e these words to fill in the blanks.
full	moon, west, night, day
(i)	When the sun shines it is
(ii)	We see the stars at
(iii)	The sun sets in the
(iv)	When se see the moon round like a ball, we call it
	a
Q.2 Ans	swer the following in one word.
(i)	What is the shape of the sun?
(ii)	When do you see stars?
(iii)	What do you see during day time?
(iv)	What is the shape of the earth?

### Topic seasons Clothes -

We all wear clothes. They protect us from heat, cold, rain, and dust, We wear different clothes in different seasons. Seasons change from time to time.

#### Summer Season -

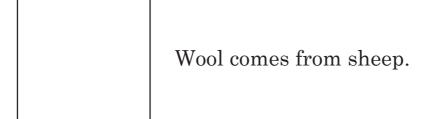
In summer, the sun is very hot. We all sweat. We use fans, coolers and AC's. We take cold drinkes and ice creams. We wear light cotton clothes.

Cotton comes from the cotton plants

#### Winter Season

Winter season starts in the month of November. It ends by mid - february.

- It is very cold in winter season.
- Icy wind blow in winter.
- There is snow on the high mountains.
- People wear woollen clothes.
- They take hot drinks.
- They use heaters to keep warm.



### Rainy Season -



Rainy season begins in the month of July. It ends in the month of September. The sky in covered with clouds. People use raincoats, umbrella, gum boots during the rainy season.

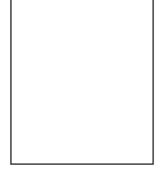
Q.1 Look at the pictures below and fill in the blanks.

(a)



When it is hot we use the .....

(b)



On a cold day, we sit near a

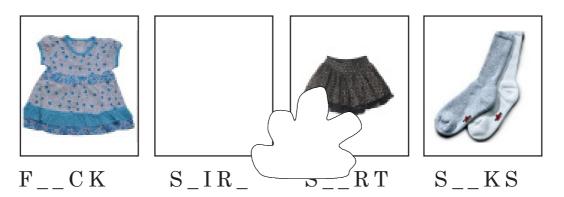
(c)



We use ...... on a rainy day.

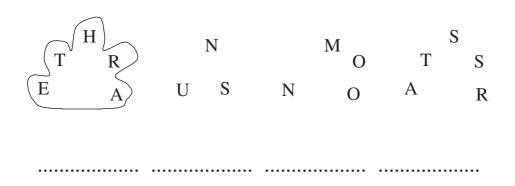
Q.2 Fill in the blanks with the words given below.
Sheep, cotton plants, season, coolers
(i) We get cotton from
(ii) We get wool from
(iii) We wear different types of clothes in different
(iv) People use fans and in summers,

Q.3 Write the name of these clothes.



#### **ACTIVITY SHEET**

Q.1 Make spellings.



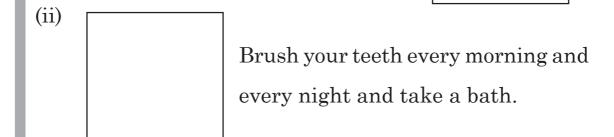
Q.2 Draw	
Day Time	Night Time
Q.3 Colour the pictures an items are used.	nd name the seasons in which these
nems are useu.	
	•••••
••••••	

# Unit - VIII

### **Good Habits**

### **Good Habits**

(i)	Get up early in the morning.	
-----	------------------------------	--



(iii) Always wash your hands before and after taking meal.

(iv)	
	Always wear clean clothes.

(v) Do not write or draw pictures on walls.
(vi)  Trim you nails once a week.
(vii) Eat your meal at proper time.
(viii) Do not spit on the road
(ix) Obey your teachers, parents and elders.  Q.1 Write the name of -

(i) The toothpaste you use					
(ii) The soap you use					
(iii) The oil you use					
(iv) The telcom powder you use					
(v) The shampoo you use					
Q.2 Name the things that help you to keep your body clean.					

#### Safety Rules

- Q.1 We must follow safety rules to keep ourselves and other safe.
  - (i) Do not play with electric switches.

- (ii) Never try to light a match stick.You may burn your fingers.
- (iii) Never tease animals otherwise, they will hurt you.
- (iv) Never rush down a staircare,

  Never push anyone on the staircare.
- (v) Do not play with blades, knives & scissors.It may hurt you badly.

(vi) Do not try to climb on a window or a shelf. (vii) Always play safe games. Never set off a fire cracker yourself. (viii) You may burn your fingers or clothes. Q.1 Fill in the blanks. light, tease, push, crackers Do not ..... animals. (ii) Never try to ...... a match stick. (iii) Never ...... anyone in the staircare. (iv) Children should not light the ..... themselves.

Q.2 Write 'T' against true statements and 'F' against false					
statements.					
(i) You should use scissors in the presence of your					
	parents.	(	)		
(ii)	Children should play with fire on Diwali.	(	)		
<ul><li>(iii) Children can play with electric wires.</li><li>(iv) Never rush down the stairs.</li></ul>			)		
			)		
	Activity				
	Poem (Recite & Learn)				
(1) D					
(1) Br	rush, Brush, Brush your teeth				
Br	rush it every day				
fat	ther, mother, brother, sister				
br	ush it everday				
(2) Co	omb, comb, comb your hair				
Co	omb it	•••••	••••		
father					
Comb					

(3)	Wash, Wash, Wash your face.
	Wash it
	Father
	Wash
(4)	Drink, Drink your milk
	Drink it everyday
	Father
	Drink

Activity							
Q.1 Draw 5 things that you use to keep your body clean.							
q. 2 2 2 a							
Q.2 Cross (x) all the things which are dangerous:-							

Q.3 Enact any advertisement of toothpaste, soap, shampoo and oil.							
Q.4 Collect pictures of	f different so	oaps from magazi	nes and				
paste them.							