

Comes the rain, comes the rain,  
With that come the clouds dark,  
Also there's thunder and lightening,  
This we can easily mark.  
With water are filled  
Rivers, ponds and fields,  
Joyous and happy,  
The farmers are thrilled



Comes the winter, comes the winter,  
With that comes Diwali,  
Cool breeze, now we feel,  
Woollen clothes a great deal.



Goes the winter comes the summer,  
Hot wind starts blowing,  
The children have holidays,  
Their faces are glowing.



On the basis of the poem, draw a picture of all three seasons in your notebook and hang it on the wall of your classroom.

Write whatever you know about the seasons.

.....

.....

.....

.....

### Seasons and animals

As soon as the rains come after the summer, a lot of small insects and worms can be seen. You can see a bed of greenery all around.

What insects are seen in the rainy season? Pictures of some worms have been given here. Look at the similar insects and identify them.



Sounds of what animals are heard in the rainy season.

.....

Slowly, the winter comes. Many new animals are born and many hide.

Which animals hide?

.....

Is the sound of frog heard in winter?

.....

#### Environmental Studies-4

What other new animals are seen in winter?

.....

Here are the pictures of some special birds. These are seen in winter only. Try to find out these near your paddy fields, gardens, ponds, rivers and tanks in winter. Look at the colour, and the way these birds fly.



What are these birds called in your area? Ask your elders and write.

.....

Cold lessens and warmth comes.

Do you Know which animals can be seen during February & March.

.....

Slowly the heat increase and becomes unbearable. As heat increases less animals are seen. Some of them hide and some even die.

#### Seasons and the Sun:

In rainy season generally the sun remains hidden behind the clouds. In winter the nights are long and the days are short. In summer the days are long and the nights are short.

At what time does the Sun set in winter? Find out.

.....

.....

At what time the Sun set in summer? Find out.

.....

.....

**How much rain:**

How much did it rain in a day? How do you measure it?

Let's do a simple experiment. Keep a broad - mouthed clean utensil on the roof of your house when it is raining as shown in the picture below.

When the rain stops, measure the collected water with a plastic scale.



How much did the scale go inside? Write its measurement. This is the measurement of the rain.

.....  
 .....

Now tell how much did it rain that day in your area?

.....  
 .....

Lets find out some more about the seasons.

**Make Instrument showing the direction of Wind:**

What will you do to find out the direction of the wind. Discuss with your friends. Let's make an instrument to find out the direction of the wind.

#### Environmental Studies-4

Take a glass bottle with rubber lid. In the rubber lid insert an empty refill. Now make an arrow like strip of thick paper. Now pin it up with the part of the refill which is out of the rubber lid.



Your instrument is ready. Now keep this at an open place. Is it showing the direction of the air?

Find out the direction of the air.

.....  
.....

#### Record of weather:

Does the weather remain the same daily? No. On some days it is cloudy, some days it is stormy.

Let's record a week's weather information . Make a weather information chart as shown in the next page.

Fill in the table with what you see daily, for example -

Black clouds, white clouds, rain, storm, sun, humidity, heat, cold etc.

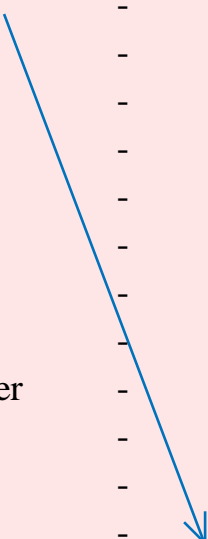
From date..... to date Month ..... Year

Day	Cloud Black / White	rain yes/ no	air more / less	sun hot / mild	hot / cold	humid
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						
Saturday						
Sunday						

When this chart is completed, hang it on the wall of your classroom.

The weather and the related actions have been given below. Which weather relates to which action? Match them. A pair has been made as an example.

Rain	-	muddy
	-	feeling very thirsty
	-	ripening of mango
	-	sowing of paddy
	-	enjoying mild sun
	-	wearing shawl, sweater
	-	using umbrella
	-	eating icecream / kulfi
Winter	-	late drying of clothes
	-	eating water melon, musk melon
	-	to have flood
	-	forming of rainbow
Summer	-	clear sky
	-	hot sun
	-	quick spoiling of food
	-	sun not visible
	-	blowing of hot air



**What did we learn?**

**Oral:**

1. Which season do you like the most?
2. Which season comes before the rainy season?

**Written:**

1. Name the months of winter season.
2. When does peacock start dancing?
3. What flowers bloom during winter?
4. In which season are the wheat and gram sown?
5. What animals do you see in rainy season?

**Find out**

1. How do you protect yourself from summer, winter and rain ?
2. What kind of diseases spread more in rainy season ? Find out.