



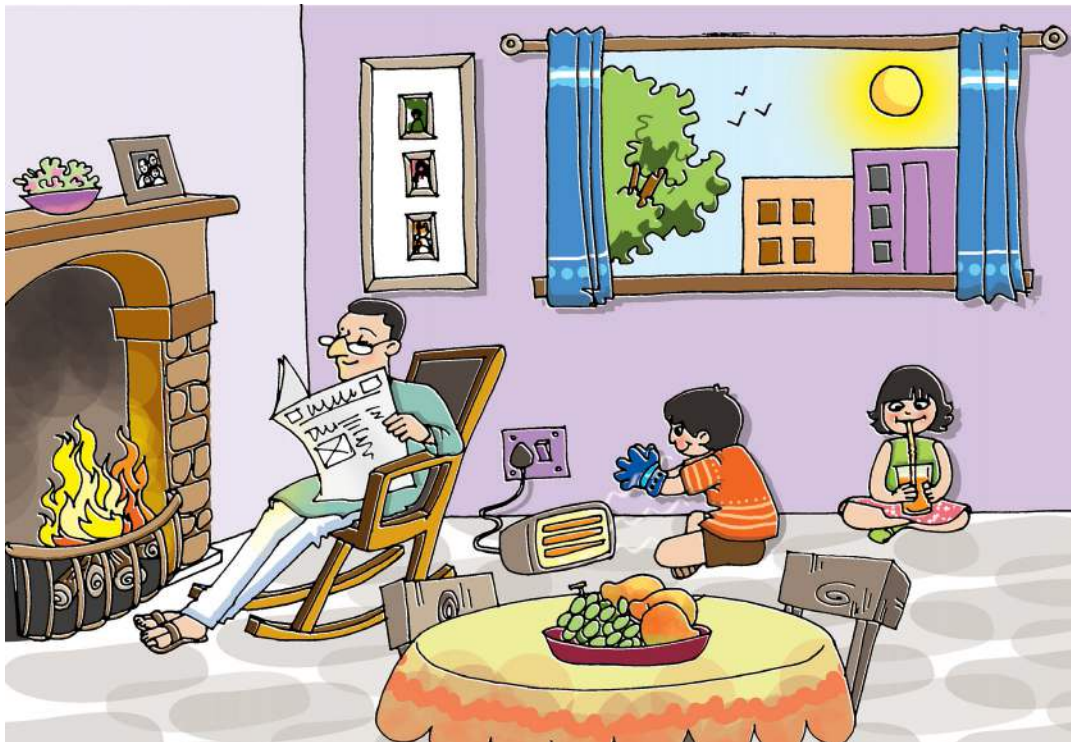
Weather

- Become familiar with the changes in weather
- Learn about seasons



WARM-UP

1. The picture here is of a sunny day of summer. Cross (X) out any three mistakes in the picture.



Which part of the day do you find the hottest?

The condition of wind, rain, sunshine and clouds in a place, at a particular time is called **weather**. The conditions of weather change every day.

Sometimes, these conditions can even change from hour to hour.

Weather also changes during the year. Some months are very hot, while some are very cold. During some months, the weather is mild. It is neither too hot, nor too cold.

CHANGES IN WEATHER

Why does weather change? Changes in weather take place because of the sun, clouds, rain and wind.

Afternoons are much warmer than mornings and evenings. This is because in the afternoon, the sun shines directly overhead. In the morning and evening, however, the rays of the sun are slanting.

A1



▲ morning



▲ afternoon



▲ evening



▲ storm

Clouds and rain also cause changes in weather. When there are clouds in the sky, the weather becomes cool. If it rains, it cools down further.

When a **breeze** blows, the weather becomes pleasant.

When the wind moves with great speed and there is rain, it causes **storms**. Sometimes storms are accompanied by lightning and thunder. Strong storms can uproot trees and damage buildings.

A2

SEASONS

Weather changes every few months. A **season** is the period during which the weather remains almost the same for many days.

Summer

During the summer season, it is very hot. We like to stay indoors most of the time. Days are long and nights are short. Hot winds, called the loo, blow during summers, mainly in the plains of northern India.

What kind of clothes do you wear in summer?

.....

We get fruits like mangoes and watermelons in summer.



▲ summer

Winter

In the months of November, December and January, we have the winter season. The weather becomes cold. Days are short and nights are long. We wear woollen clothes. People use heaters to keep warm. Sometimes there is snowfall on the mountains. We get fruits like oranges and grapes in winter.



▲ winter

places, heavy rains cause floods. During the monsoons, disease, like malaria, dengue, etc, are common because mosquitoes breed in collected water.

Do you play outside when it rains? What special kind of dress do you need to go out in the rain?

Monsoon

During the monsoon season, it rains heavily. Monsoon comes in the months of July and August in India. In some



▲ monsoon

Autumn

Autumn comes before the winter season. Leaves turn yellow and eventually fall off in autumn. The weather also starts getting cold.

Spring

The spring season comes after winter. Flowers bloom on trees. The weather becomes very pleasant.



▲ spring



▲ autumn

Can you name a festival that comes in spring?

EFFECTS OF WEATHER

We wear different types of clothes in different seasons. We also get to eat seasonal fruits and vegetables.

weather: the condition of wind, rain, sunshine and clouds in a place, at a particular time

breeze: gentle and pleasant wind

storm: fast and strong wind

season: a period during which the weather remains almost the same for many days



- Weather depends on the sun, clouds, rain and wind.
- Strong winds cause storms.
- Summer, monsoon, autumn, winter and spring are the different seasons of a year.
- The seasons affect our lives in many ways.
- In India, diseases like malaria and dengue are common during the monsoons.



REVIEW ZONE

A Tick (✓) the correct answer.

- The conditions of weather change
 - every Monday.
 - every day.
 - every Sunday.
 - every holiday.
- In which of the following seasons, the days are short and nights are long?
 - summer
 - monsoon
 - spring
 - winter
- A season is the period of many days during which the weather
 - remains almost the same
 - is different every week
 - is same for one week
 - none of these

B Choose the most suitable word from the following to fill in the blanks.

summer mornings and evenings monsoon winter spring autumn

1. In the season,  cover the sky.

2.  bloom in the season.

3. In the , the rays of the  are slanting.

4. Trees bear  in the season.

5. We wear  in the season.

C The following statements are false. Rewrite to correct each of them.

(Clue: Change the words in bold to make each sentence true.)

1. **Mornings** are warmer than **afternoons**.

.....

2. Moving air is called **weather**.

.....

3. A **breeze** can uproot trees.

.....

4. It is very cold during the **summer** season.

.....

5. Leaves turn yellow in the **monsoon** season.

.....

D Write two things that you would associate with each season.

1. monsoon

2. spring



3. winter
4. summer
5. autumn

E Answer the following questions.

1. What causes weather to change?
2. Name any four seasons.
3. Why are mornings and evenings cooler than afternoons?
4. Write two effects of weather on us.
5. How do people keep themselves warm during the winter season?



HOTS CORNER

1. Suneelata lives in Jammu. She usually wears warm clothes. What do you think is usually the type of weather in Jammu?
2. Niti lives in Goa. She wears cotton clothes in the month of December. Priti lives in Shimla. She wears woolen clothes in the month of December. Why do you think that Niti and Priti wear different types of clothes in the month of December?



ENHANCE YOUR LIFE SKILLS

1. Think and answer.
 - a. Which is the hottest month in India?
 - b. Which is the coldest month in India?
 - c. What is your favourite activity in winters?
 - d. What is your favourite activity in summers?
 - e. What food do you like to eat in summers?
 - f. What food do you like to eat in winters?





ONLY A CLICK AWAY

1. To play a 'Memory Spin' game on weather, you can visit the following link. You can take help from your teachers or elders.

<http://www.accuweather.com/kidz/accumemory.asp?partner=Accukidz>



ACTIVITY BAG

1. Measuring Temperature

Activity
1

Take a thermometer that measures the temperature of the air around us. Measure and note down the temperature of your classroom at different times of the day.

Time	Temperature
before assembly	
during break	
after school hours	

2. Know the Direction of Wind

Activity
2

Take a ruler and a rectangular piece of paper. Make 6–8 five-inch-long slits in the paper. Now attach the uncut part of the paper to the ruler with some sellotape. Take it out to the playing field. Raise your arms high in the air while holding the ruler in your hand. The strips will fly in a particular direction which is the direction of the wind. Repeat this activity three times in the day. Notice if the direction of the wind changes or remains the same throughout the day.

Time	Direction of Wind
before assembly	from your to side
during the lunch break	from your to side
just before school gets over	From your to side

Teacher's Notes

- Teacher can ask the students to name the different fruits and vegetables that are available in each of the seasons. Teacher can also discuss the clothes that are worn in each of the seasons.
- Hints for answers to Warm-up: 1. fire in the fireplace, heater, gloves, grapes.