

Weather and Seasons

"Explore Green World System - Environmental Studies, Class 2"

Have you ever looked outside and noticed the sky is covered with fluffy white clouds or the sun shining very brightly? Sometimes it rains, and other times it snows! These changes outside are called **weather**. Weather tells us if it is hot, cold, rainy, or windy on any day.

What is Weather?

Weather is what the air is like outside right now. It can change every day or even every hour. The main things that make weather are:

- **Sunshine:** The sun warms the earth and air.
- **Rain:** Water falling from clouds in drops.
- **Wind:** Moving air that sometimes feels cool or strong.
- **Clouds:** White or gray fluffy things in the sky.
- **Temperature:** How hot or cold the air feels.

Example: When the sun shines brightly and it feels warm, the weather is sunny. When dark clouds cover the sky and water falls, the weather is rainy.

What are Seasons?

Seasons are different parts of the year with special weather. We have four seasons in many places:

1. **Spring:** Flowers bloom, and the weather becomes warm.
2. **Summer:** Very hot days, lots of sunshine.
3. **Autumn (Fall):** Leaves change color and fall; weather gets cooler.

4. **Winter:** Cold days, sometimes with snow.

Each season brings new changes and different clothes to wear. We wear light clothes in summer but warm clothes like jackets in winter.

Did You Know? The earth moves around the sun, and this causes the different seasons.

How Weather and Seasons Help Us

Knowing about weather and seasons helps people prepare for their day. For example:

- Farmers plant crops in the right season to get good fruits and vegetables.
- We choose umbrellas or raincoats on rainy days.
- We wear warm scarves and gloves during winter to stay cozy.

Let's Practice!

Exercise: Answer these questions to learn more about weather and seasons.

1. What do you call the weather when it is very hot and sunny?
2. Which season comes after spring?
3. Name two things you wear during winter.
4. What happens to leaves in autumn?
5. Why do farmers wait for the right season to plant crops?

Try to watch the weather outside every day this week! You can draw pictures or write what you saw.

End of Chapter