

The Earth and The Sky

The Earth is our home. It is a huge, round planet covered with land and water. When you look up, you see the sky. The sky looks blue during the day and dark at night, filled with stars. In this chapter, we will learn about the Earth and the sky—the beautiful world above and around us!

What is the Earth?

The Earth is a planet. It spins like a top as it moves around the Sun. This spinning is called **rotation**. One full spin takes 24 hours and causes day and night. When your part of Earth faces the Sun, you see daylight. When it turns away, it becomes night.

Did you know? It takes the Earth about 365 days (one year) to travel once around the Sun. This journey causes the seasons to change.

What Do We See in the Sky?

During the day, the sky looks blue because of the sunlight passing through the air. The Sun is very bright and gives us light and heat. Sometimes, white, fluffy clouds float by. These clouds bring rain, which helps plants grow.

At night, the sky turns dark. You can see the Moon and many stars twinkling like tiny lamps. The Moon changes shapes throughout the month; this is called the *phases of the Moon*. Sometimes it looks like a full circle, and sometimes like a crescent.

The Sun and the Moon

The Sun is a big ball of fire far away in space. It is very hot and gives energy to Earth. The Moon is smaller and reflects the Sun's light. It does not make its own light.

Let's Explore! - Activities

1. **Draw the Earth and the Sky:** Use crayons or colored pencils to draw a picture showing the Earth, Sun, clouds, Moon, and stars.
2. **Day and Night Observation:** Look outside in the morning and at night. Write down what you see in the sky at both times.
3. **Moon Phases Diary:** For one week, observe the Moon at night and draw how it looks every day.

Explore Green World System
Chapter 2: The Earth and The Sky