

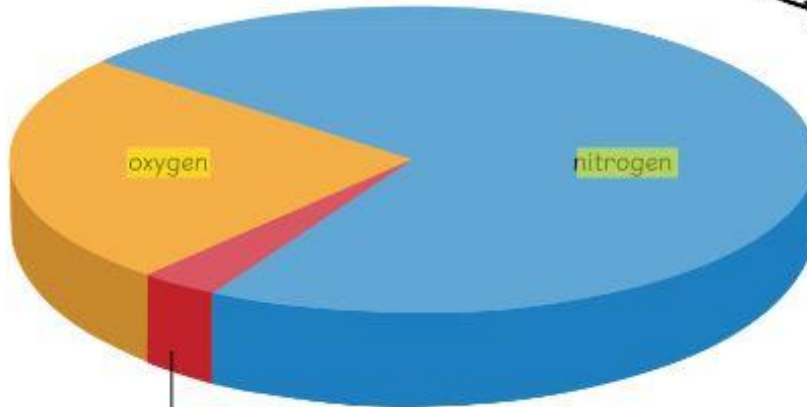
Let's Learn

What Is the Atmosphere?

The Earth is surrounded by a layer of air called the **atmosphere**.

The atmosphere is a mixture of different gases. It is made up of mostly **nitrogen** and **oxygen**. Other gases are part of the atmosphere, but in much smaller amounts. These include **carbon dioxide** and **water vapour**.

This chart is known as a pie chart. It shows different parts of a whole. How is a pie chart useful?



carbon dioxide, water vapour and other gases

The different gases are found in the atmosphere in different amounts.

The gases in the atmosphere are important for the survival of living things. Living things need oxygen in order to stay alive. Plants need carbon dioxide to make their own food.



Word Boost

surrounded
layer
mixture
mostly



Check Your Learning

Name four gases found in the atmosphere.



Tick (✓) to show what you can do.

- I can explain that the Earth is surrounded by the atmosphere.
- I can explain what the atmosphere is made up of.

Activity Book
Activity 9A, p. 73

Word Boost

warm
harmful
rays

Let's Learn

What Is the Water Cycle?

You have learnt about evaporation and condensation in Chapter 4. These processes play an important role in ensuring a supply of clean water on take over Earth.

Condensation

The water vapour rises in the air. It cools and condenses into water droplets, forming clouds.

Evaporation

Heat from the Sun causes the water in water bodies and the ground to evaporate. Water vapour is also given off by living things, such as plants and animals.

The water cycle refers to the continuous movement of water from the Earth's surface to the sky and back to the Earth's surface.

Precipitation

When the water droplets in the clouds become too big and heavy, water falls back to the ground, often as rain or snow. This is known as precipitation. The water goes back into the ground or water bodies such as rivers and lakes, and the water cycle repeats.

Option



Watch!

Scan this page to watch a video on how water moves through the water cycle.



Word Boost

continuous
snow
repeats