

Name _____

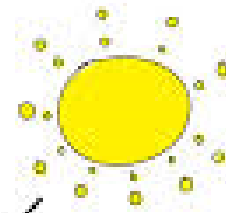
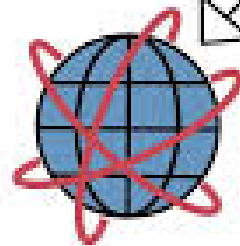
Earth's Atmosphere Functions

WHAT IS ATMOSPHERE ?

THE ATMOSPHERE IS A THIN LAYER OF GASES THAT SURROUNDS THE EARTH.

IT SEALS THE PLANET AND PROTECTS US FROM THE VACUUM OF SPACE

IT PROTECTS L



RADIATION

SIMPLY
E-LEARN

Answer Key

1. The atmosphere acts as a shield by blocking harmful ultraviolet (UV) rays from the Sun, protecting us from skin damage and eye harm.
2. The greenhouse effect is the natural warming of the Earth due to the atmosphere trapping heat from the Sun. It helps create a stable environment for living things, and the atmosphere contributes to this effect by trapping heat.
3. The air we breathe, containing life-giving oxygen, is found in the troposphere—the layer closest to the Earth's surface. It's important because, without oxygen, humans and many other animals couldn't survive.
4. The atmosphere plays a crucial role in creating weather by having different layers and gases interact, leading to the formation of clouds, rain, snow, and storms.
5. The atmosphere helps distribute water around the planet through the water cycle. It includes processes like evaporation, cloud formation, and precipitation, providing fresh water for plants, animals, and people.