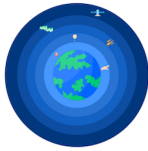
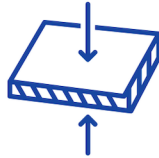


Atmosphere

Fun fact for kids



The Earth's atmosphere has five layers: troposphere, stratosphere, mesosphere, thermosphere, and exosphere.



If Earth were the size of an apple, its atmosphere would be as thin as the apple's skin.



The atmosphere is 78% nitrogen, 21% oxygen, and 1% other gases.



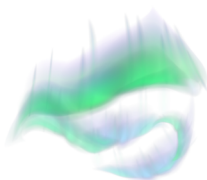
Located in the stratosphere, the ozone layer absorbs and scatters the solar ultraviolet radiation.



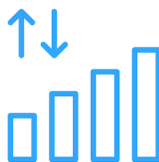
Air pressure decreases with altitude. At sea level, air pressure is about 1013 millibars.



The troposphere is the lowest layer of the atmosphere and is where all our weather takes place.



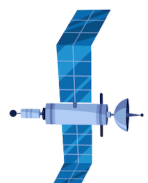
The auroras, also known as the Northern and Southern Lights, occur in the thermosphere.



Atmospheric temperature changes with altitude: troposphere cools, stratosphere warms.



Mesosphere: Coldest layer, -90°C (-130°F).



The exosphere is the outermost layer of the atmosphere, gradually fading into the vacuum of space.



The atmosphere traps heat with CO₂ and methane, crucial for Earth's warmth.



Night isn't completely dark. Airglow, from upper atmosphere reactions, adds a faint glow.