

THE ATMOSPHERE

Chap 15-1

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Composition of the Atmosphere

- * Atmosphere
- * Layers of gas that surrounds a planet or moon
 - * Need to breath
 - * Protection from sun
 - * Keeps heat in

Composition of Atmosphere

- * Gasses in Atmosphere
 - * 78% - Nitrogen
 - * 21% - Oxygen
 - * 1% - other gasses (carbon dioxide, argon, water vapor)

Layers of the Atmosphere

- * Troposphere
 - * Lowest layer 0-10 km
 - * All life exists
 - * All weather
 - * Temp down as Altitude goes up

Layers of the Atmosphere

- * Stratosphere
 - * 10-50 km
 - * very thin air, no moisture
 - * -60° C
 - * Ozone Layer

Layers of the Atmosphere

- * Mesosphere
 - * Middle layer - 50 - 80 km
 - * Coldest layer
 - * Protects from meteroids
 - * Temp down / Altitude up - 93° C

Layers of the Atmosphere

- * Thermosphere
 - * upper layer 80- 100 km
 - * Northern Lights
 - * 1000°C - Temp up / Altitude up
 - * due to solar radiation
 - * does not feel hot

Layers of the Atmosphere

- * Exosphere
 - * 400 km - 1000 km
 - * Spaces station
 - * Passed is outer space