**Atmosphere: Composition/Air Pressure**

**Atmosphere**

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_: a mixture of gases that surrounds a planet or moon.

**Composition of the Atmosphere**

* The atmosphere is made up of mostly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gas (78%)
* 21% of the atmosphere is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is made up of argon, carbon dioxide, water vapor, and other gases.
* Dust, volcanic ash, sea salt, dirt and smoke are also in the atmosphere.



**Air pressure**

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_: measure of the force with which molecules push on a surface.
* Air pressure balances the force of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* As altitude increases, air pressure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_because there are fewer gas molecules as you move away from the surface of the Earth.

**Density**

* Density = mass/volume
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the amount of stuff in a given amount of space.
* The densest layer will always sink to the bottom.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the densest atmospheric layer.

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