**Air Pressure and Weather**

**CYCLONES**

* **An area in the atmosphere that has lower pressure than the surrounding areas.**
* **Air masses converge; winds spiral toward the center**

**ANTICYCLONES**

* **Areas where air moves apart or diverges and sinks. Sinking air is denser than surrounding air.**
* **Rotates in a direction opposite to Earth’s rotation.**

**WEATHER AND AIR PRESSURE**

* **Cyclones form clouds and rain when the rising air cools.**
* **Cyclones cause stormy weather.**
* **Anticyclones cause dry, clear weather because as the air sinks it gets warmer and absorbs moisture.**

**\*Atmosphere PowerPoint**

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