



# Vocabulary Guide!

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## Panel 8:

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**Daily Planetary Report:  
Windy with a Chance  
of Diamond Rain**

**Daily Planetary Report:  
Windy with a Chance  
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## Explore Space: Definitions!

**Aperture:** an opening that controls the amount of light that passes through a lens (such as a camera lens)

**Arecibo:** a city in Puerto Rico

**Carbon:** a chemical element that forms diamonds and coal and that is found in petroleum and in all living plants and animals

**Diamond:** a very hard, usually colorless, stone that is a form of carbon and is used especially in jewelry

**Distinct:** different in a way that you can see, hear, smell, feel, etc.; noticeable different

**Equator:** an imaginary circle around the middle of the Earth that is the same distance from the North Pole and the South Pole

**Hydrocarbon:** a substance (such as coal or natural gas) that contains only carbon and hydrogen

**Lightning:** the flashes of light that are produced in the sky during a storm

**Magellan spacecraft:** a spacecraft that arrived at Venus in 1990, and made the first global map of the surface of Venus as well as global maps of the planet's gravity field. The mission produced surprising findings about Venus, including a relatively young planetary surface possibly formed by lava flows from planet-wide volcanic eruptions

**Surface:** an outside part or layer of something

**Synthetic:** made by combining different substances: not natural

**Temperature:** a measurement that indicates how hot or cold something is; a measurement in degrees showing the heat of something (such as air or water)

**Tremendous:** very large or great

Definitions are cited from *Merriam-Webster's Learners Dictionary* or [nasa.gov](http://nasa.gov)

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