



# Vocabulary Guide!

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## Panel 6:

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**Storm Alert!**

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## Explore Space: Definitions!

**Aurora Borealis:** a large area of green, red, blue or yellow light that sometimes appear in the night sky in far northern regions; also known as the 'Northern Lights'

**Cosmic:** of or relating to the universe or outer space

**Equivalent:** something that has the same value, use, meaning, etc., as another thing

**Geomagnetic:** Related to geomagnetism: the earth's magnetic field and associated phenomena; the branch of geophysics that studies such phenomena

**Ionospheric:** See Ionosphere: the region of the earth's atmosphere between the stratosphere and the exosphere, consisting of several ionized layers and extending from above the surface of the earth

**Magnetic Field:** region of space near a magnet, electric current, or moving charged particle in which a magnetic force acts on any other magnet, electric current, or moving charged particle

**Magnetosphere:** the outer region of the earth's ionosphere, where the earth's magnetic field controls the motion of charged particles, as in the Van Allen belts

**Particle:** any one of the very small parts of matter (such as a molecule, atom, or electron)

**Radiation:** type of dangerous and powerful energy that is produced by radioactive substances and nuclear reactions

**Storm:** an occurrence of bad weather in which there is a lot of rain, snow, etc., and often strong winds

**Weather:** the state of the air and atmosphere at a particular time and place: the temperature and other outside conditions at a particular time and place

Definitions are cited from *Merriam-Webster's Learners Dictionary* or *dictionary.com*

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