

# Voyage to Mars Vocabulary



## **Vocabulary Words:**

- 1. Orbit** – The path followed by an object around another object.
- 2. Crater** – A basin resulting from the collision of an object with a planetary surface.
- 3. Trajectory** – The path of a projectile or another body moving through space.
- 4. Mission Commander** - The person who is in charge of astronauts onboard a space vehicle.
- 5. Data** – Facts or statistics collected together for reference.
- 6. Data Log** - A set of paperwork used to keep track of test results and mission developments.
- 7. Simulator** - An artificial environment created to resemble an actual place; used for training.
- 8. Task cards** - A step-by-step set of written instructions for performing a job or duty.
- 9. Sustainable** – Able to be maintained at a certain level.
- 10. Reticle** – A tool used to measure an object (in astronomy it can sometimes be found in the eyepiece of a telescope).

continued on following page >



# Voyage to Mars Vocabulary

- 11. Atmosphere** – A layer of gases surrounding a planet.
- 12. Carbon Dioxide** – Is a colorless and odorless gas.
- 13. Static electricity** - a stationary electric charge, typically produced by friction.
- 14. Humidity** – The amount of water vapor in the air.
- 15. Resources** – A supply of materials and other assets in order to function effectively.
- 16. Credentials** – A qualification of a person's background, typically when used to show they are suitable for something.
- 17. Airlock** – A device that permits the passage of people and objects between areas while minimizing the change of pressure and loss of air.
- 18. Symbiotic Relationship** – A special type of interaction between species. It's when two people or groups of people live together to provide great benefits to one another.
- 19. Martian** – As an adjective, it is something relating to the planet Mars (e.g. Martian moons)
- 20. Probe** – also known as a space probe, is a spacecraft that travels through space to collect science information.
- 21. Velocity** – The speed of something in a given direction.