

Expedition 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. Flight Director** – The person who supervises a space mission from Mission Control.
- 6. Data** – Facts or statistics collected together for reference.
- 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. Velocity** – The speed of something traveling in a given direction.
- 11. Atmosphere** – A layer of gases surrounding a planet.
- 12. Resources** – A supply of materials and other assets in order to function effectively.
- 13. Airlock** – A device that permits the passage of people and objects between areas while minimizing the change of pressure and loss of air.



Expedition Mars Vocabulary

- 14. Martian** – As an adjective, it is something relating to the planet Mars (e.g. Martian moons)
- 15. Rover (aka R.O.V)** – A remotely operated vehicle.
- 17. Satellite** – An artificial body placed in orbit around the earth or moon or another planet in order to collect information or for communication.
- 18. Asteroid** – A large, irregularly shaped object in space that orbits our Sun. They are mostly made up of rock or even metal.
- 19. Asteroid Ejecta** – The matter that is ejected from the impact of an asteroid.
- 20. Impact** – The action of one object coming forcibly into contact with another
- 21. Habitat** – The place or environment where a plant or animal naturally or normally lives and grows.
- 22. Greenhouse** – A glass building in which you grow plants that need to be protected from bad weather.
- 23. Deployed** – To bring into action and make useable.
- 24. Ejecta** – Material or particles that are forced or thrown out of an area after a forceful impact has occurred.
- 25. Powered Descent** – A multi-step process that allows a safe landing
- 26. Thruster Boost** – When the rocket engines that are on the spaceship use power to push forward.
- 27. Touchdown** - The moment at which an aircraft's wheels or part of a spacecraft make contact with the ground during landing.
- 28. Delta V** – A change in velocity.
- 29. Rocket Thrusters** – Used to move a rocket forward.