

Venus Study Sheet

1. Venus Second planet from the sun in our solar system.
2. atmosphere Thick layer of gases that shroud Venus.
3. greenhouse effect Phenomenon causing extreme temperatures on Venus due to trapped heat.
4. sulfuric acid Dominant component of Venus's acid rain.
5. runaway greenhouse Process responsible for Venus's extreme heat.
6. retrograde rotation Venus's unique backward spin compared to most planets.
7. Venusian Adjective used to describe anything related to Venus.
8. Aphrodite Greek goddess equivalent to the Roman Venus, after whom the planet is named.
9. Magellan NASA spacecraft that mapped Venus using radar.
10. Venus Express European Space Agency's mission to study Venus's atmosphere and surface.
11. Maxwell Montes Highest mountain range on Venus.
12. Venusian year Time it takes for Venus to orbit the sun (about 225 Earth days).
13. Venusian day Length of a day on Venus, which is longer than its year.
14. Cytherean Alternative term for something related to Venus.
15. Venus flyby Space mission that uses Venus's gravity to gain speed or change trajectory.
16. Venus transit Rare event when Venus passes between Earth and the sun, appearing as a small dot on the sun's surface.
17. Venusquake Hypothetical seismic activity on Venus, similar to earthquakes on Earth.
18. Ishtar Terra One of Venus's highland regions, named after a Babylonian goddess.
19. Venera Soviet program that sent several missions to explore Venus's surface.
20. Venusian cloud deck Thick layer of clouds covering Venus, composed mainly of sulfuric acid droplets.