

Science Chapter C4 Study Guide

- The Earth rotates on an imaginary line called an axis.
- The sun heats the surface of the Earth unevenly because the Earth's axis is tilted.
- Earth is a satellite of the sun.
- The phases of the moon are the parts that are lighted.
- The phase of the moon that cannot be seen is the new moon.
- A solar eclipse is the result of a body blocking the sun's light.
- The planets in our solar system reflect the sun's light.
- Earth and Pluto are planets with one moon apiece.
- Earth and the other planets close to the sun are made mostly of rock.
- Jupiter's Great Red Spot is a giant storm.
- Galileo took about six years to reach Jupiter because Jupiter is so far.
- Scientists think Saturn's rings were formed from broken apart moons.
- Day is to rotation as year is to revolution.
- Direct sunlight is to summer as indirect sunlight is to winter.
- Earth is to rock as Jupiter is to gas.
- Mariner is to Mercury as Magellan is to Venus.
- Ceres is to asteroid as Shoemaker-Levy 9 is to comet.
- Earth is to planet as sun is to star.
- A person standing on the moon would see the Earth cover most of the sun during the new moon phase because of the way the sun, moon, and Earth line up.
- A spacecraft speeds up as it passes close to a planet.