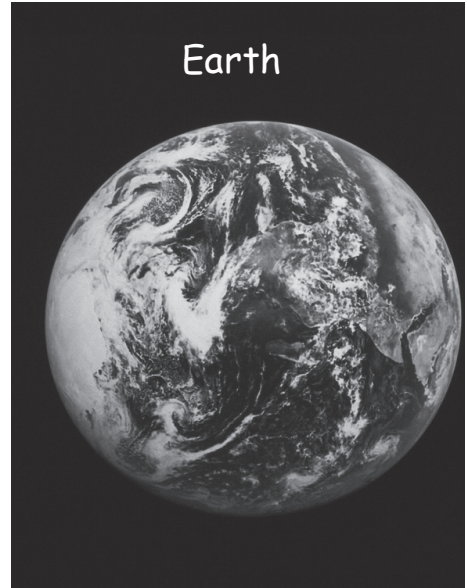


## Lesson #106

### Solar System/Inner Planets

The **inner planets** are the planets closest to the sun. The inner planets include **Mercury**, **Venus**, **Earth**, and **Mars**. These planets are smaller and made up mostly of rock. Each one has few or no moons.

Only the planet **Earth** has liquid water on the surface and oxygen in its atmosphere. Because of this, Earth is the only planet that supports life. **Mercury** is about the same size as Earth's moon. It is covered with craters. Mercury is the closest planet to the sun. **Venus** is about the same size as Earth. The surface of Venus has mountains, craters, and volcanoes. **Mars** is called "The Red Planet" because from Earth, it appears to be red. It is smaller than Earth and has huge dust storms. These storms can last for months.



1. Name the 4 inner planets.

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2. Which planet is almost the same size as Earth?

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3. Which planet is called "The Red Planet?"

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4. (Cirrus / Stratus) clouds are thin and wispy.

5. Which of these is also known as a “shooting star?”

meteor comet asteroid moon

6. What is made of ice, rock, and frozen gases and has a long tail?

meteor comet asteroid moon

7. Something that doesn't let electricity pass through easily is called a(n) \_\_\_\_\_.

conductor insulator static electricity

8. Match each simple machine with its description.

_____ lever	A) it makes lifting and moving things easier
_____ pulley	B) a doorknob is an example
_____ inclined plane	C) a bar that pivots on a fixed point
_____ wheel-and-axle	D) a wheel with a rope around it

9. How will these magnets react to each other?



attract

repel

10. What do you call the part of the plant that grows underground and takes water and nutrients from the soil?

stem leaf root flower