

Fill in the Blanks: Solar System

Science · Year 8

Name: _____ Date: _____



I am learning to: Describe the structure of the Solar System, including the eight planets and their order from the Sun

Read each sentence or passage carefully. Use the word bank to fill in the missing words. Each word in the word bank will be used exactly once. Think about what you have learned about the Solar System, the eight planets, and how scientists classify them.

Word Bank:

1. planets
2. craters
3. clouds
4. moon
5. iron
6. gas
7. dust
8. shape

1. The Sun is at the centre of our Solar System, and eight ____ orbit around it in predictable paths.
2. Mercury is the smallest planet and the closest to the Sun. It has a surface covered in ____ and is very hot on one side.
3. Venus is similar in size to Earth, but it is the hottest planet because thick ____ trap heat in its atmosphere.
4. Earth is the only planet we know of where life can survive. It has one natural ____ that orbits it.
5. Mars is known as the Red Planet because its surface contains a lot of ____ oxide, which gives it a reddish colour.

6. Jupiter is the largest planet in our Solar System. It is a ____ giant made mostly of gases rather than solid rock.
7. Saturn is famous for its beautiful ring system. These rings are made of ice, rock, and ____ particles.
8. In 2006, the International Astronomical Union made a rule that a planet must orbit the Sun, be round in ____, and have cleared its orbit of other objects. Pluto does not meet all these requirements, so it is now called a dwarf planet.