

Introduction

The solar system is made up of planets and other objects (like asteroids) that move around the Sun. As you can see in the picture above, the Sun is in the middle of the solar system and all the planets revolve around it in regular paths.

The Earth is just one of eight planets in the solar system. Each planet is unique. They are different sizes and made up of different materials.

Activity

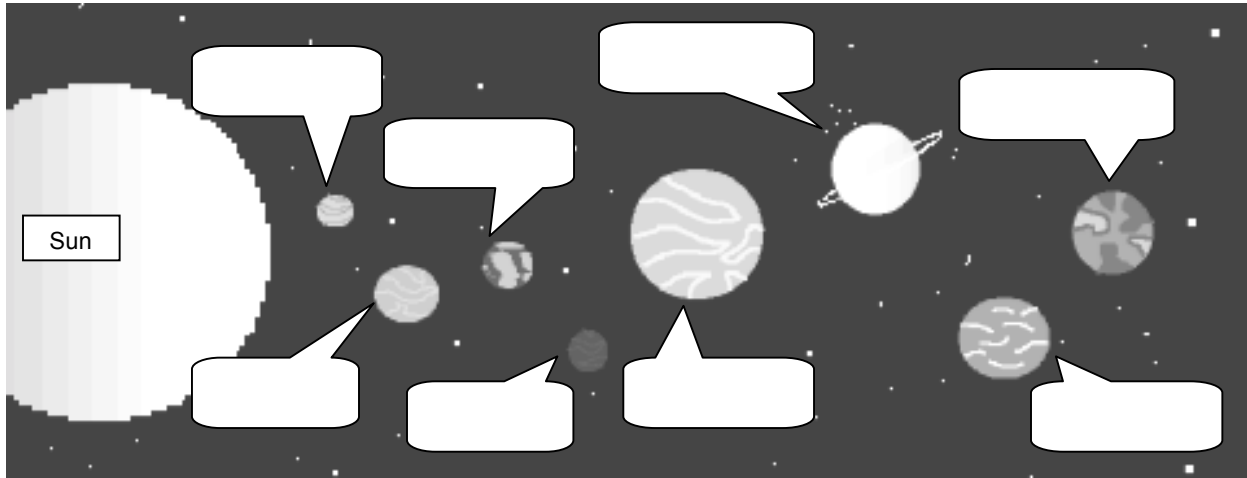
In our Octopi Lesson, we are going to need to know the names of all eight planets in the solar system.

1) Without looking at the picture above, list all of the planets in the solar system you can think of.

**If you need help coming up with some you can look at the picture to remind you*

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____

- 2) Label all of the planets on the picture below. You will see this same picture in the next Octopi lesson also.



Challenge Question:

- 1) You may have heard of Pluto. Why isn't Pluto on our list of planets? Write you answer below.

For Teachers:

This activity aligns with Science Content Standards (for 5th grade):

5. The solar system consists of planets and other bodies that orbit the Sun in predictable paths. As a basis for understanding this concept:

- Students know the Sun, an average star, is the central and largest body in the solar system and is composed primarily of hydrogen and helium.
- Students know the solar system includes the planet Earth, the Moon, the Sun, eight other planets and their satellites, and smaller objects, such as asteroids and comets.