



A diagram of the geocentric model of the universe. Earth is at the center, with concentric circular orbits around it. The Moon is on the innermost orbit. Moving outwards, the orbits contain Venus, Mercury, the Sun, Mars, Jupiter, and Saturn in that order from the center.

Geocentric

Versus



A diagram of the heliocentric model of the universe. The Sun is at the center, with concentric circular orbits around it. The planets are shown on these orbits in the following order from the center: Mercury, Venus, Earth (with the Moon orbiting it), Mars, Jupiter, and Saturn.

Heliocentric

Orbit or Rotate



What is the difference between **orbiting** and **rotating**?

Discuss with your partner and think of how to demonstrate to the whole class.

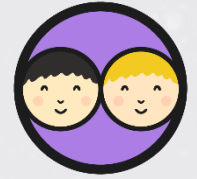
rotate



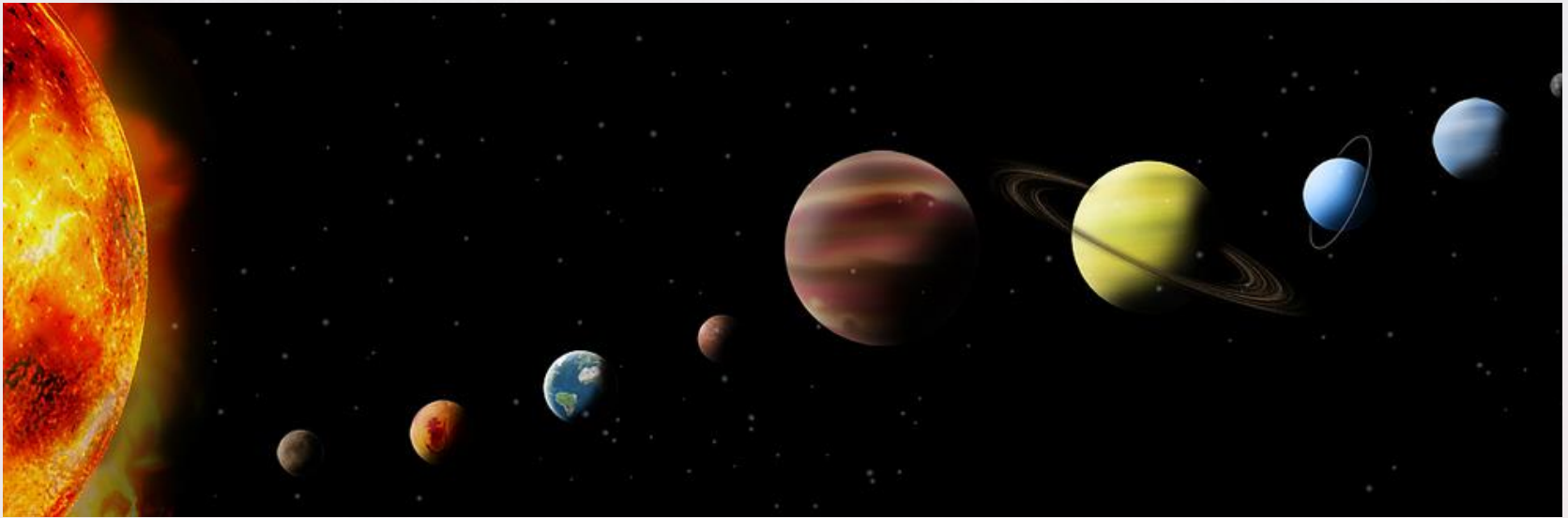
orbit



How Do Planets Move?



Discuss the following questions with your talk partner:



How do the planets in the solar system move?

Where is your evidence?

How do you know?

Geocentric Versus Heliocentric

How did these ideas change?

Well, let's act out the story...

