Assessment S6E1c.

The diagram below represents the Sun and planets of our solar system.



Earth and other planets revolve around the Sun and make up the solar system. Which planet on the above diagram represents Earth?

1. G
2. H
3. K
4. M

A characteristic of gaseous planets is that they have \_\_\_\_\_\_\_.

1. no density
2. a density less than Earth’s
3. a density greater than Earth’s
4. a density the same as Earth’s

 Jack constructed an accurate scale model of the solar system. In his model, the Sun was a basketball, Jupiter was a large marble, Neptune was a small marble, and Venus was a grain of sand.

In this model, which would most accurately represent the size of Earth?

1. a golf ball
2. a tennis ball
3. a large marble
4. a grain of sand

How is Saturn different from Earth?

1. Saturn is smaller than Earth.
2. Saturn is closer to the Sun than Earth.
3. Earth has a moon, while Saturn does not have any moons.
4. Earth is made mostly of rock, while Saturn is made mostly of gas.

The Earth is very different from other planets in the solar system because it has the most \_\_.

1. solid rock
2. volcanoes
3. liquid water
4. high winds

Which of the following best describes Earth’s orbital position in our solar system?

1. An inner planet
2. An outer planet
3. Outside of the gas giants
4. Outside of three smaller planets

Which planet is characterized by polar ice caps, a pink sky, a rust-colored surface, large volcanoes, and surface channels?

1. Mars
2. Pluto
3. Saturn
4. Uranus

A hurricane-type cloud known as the Great Red Spot can be found on which planet?

1. Mars
2. Saturn
3. Jupiter
4. Uranus

Identify the Inner Planets and describe how they are different from the outer planets in our solar system.

Identify the Outer Planets and describe what they all have in common.

Although the planets in our solar system have distinctive characteristics, they also have similarities. Identify a characteristic that is similar among the planets in our solar system?