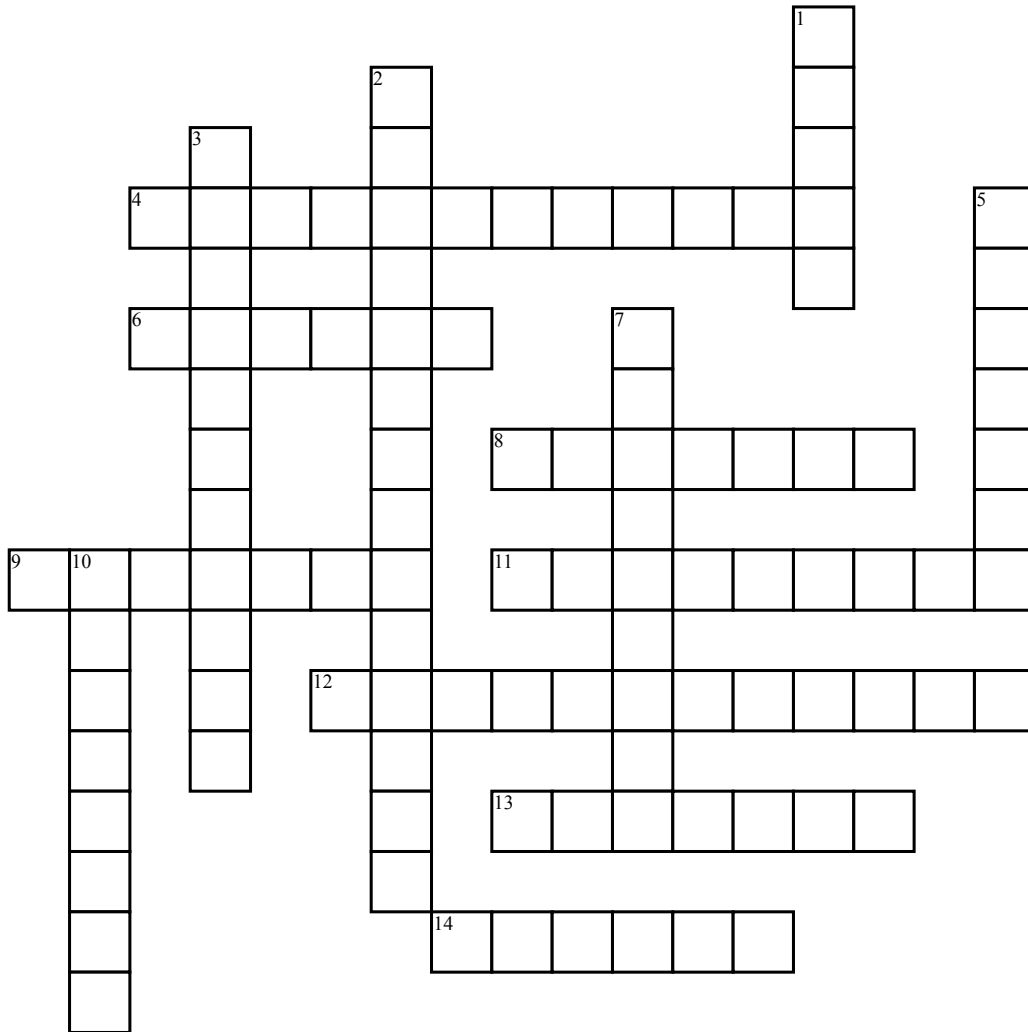


Name: _____

Date: _____

Earth and Space Crossword



Across

4. Occurs when the moon comes in front of the sun and casts a shadow on certain sections of the earth. During this, the sun, earth, and moon are aligned.

6. The sixth planet from the sun and has rings around it. It is also the second-largest planet in the solar system.

8. The theory for how Earth came into existence from an incredibly large cosmic explosion.

9. This is a stage in the beginning of a small star's life cycle. In this stage, a small clump of molecules is created in a gas cloud due to heat energy.

11. A piece of metal or rock that survives its journey through the earth's atmosphere. Essentially a meteor that makes it to earth.

12. This is a stage in the middle of a medium star's life cycle. Gravity pressure and outward pressure come together to give the star a solid shape.

13. A gray, rocky planet with a surface like the moon which is close to the sun. The name of the planet is also an element on the Periodic Table.

14. Spaces with a large cluster of stars and dust in the universe that are sometimes over a billion years old ex. Milky Way

Down

1. A snowball object made up of dust, rock, and gases frozen together that orbits the sun. They also have a streak behind them made from gases and dust that looks like a tail.

2. An electrical display of different colored lights in the sky due to charged particles from the sun's solar flare coming in contact with atoms in our atmosphere. Sometimes referred to as "polar lights."

3. A system that contains a star with planets and other celestial bodies orbiting it.

5. The fourth-largest planet in our solar system with harsh winds. The gas planet is a pale blue color and is named after a Roman god.

7. A unit of measurement in astronomy used to describe the distance light travels in a year.

10. This is a stage near the end of a large star's life cycle. The core of the star collapses in on itself causing the star to expand. The star also turns red.

Word Bank

Red giant

solar system

mercury

solar eclipse

meteorite

saturn

light year

Comet

neptune

aurora borealis

prostar

big bang

main sequence

Galaxy