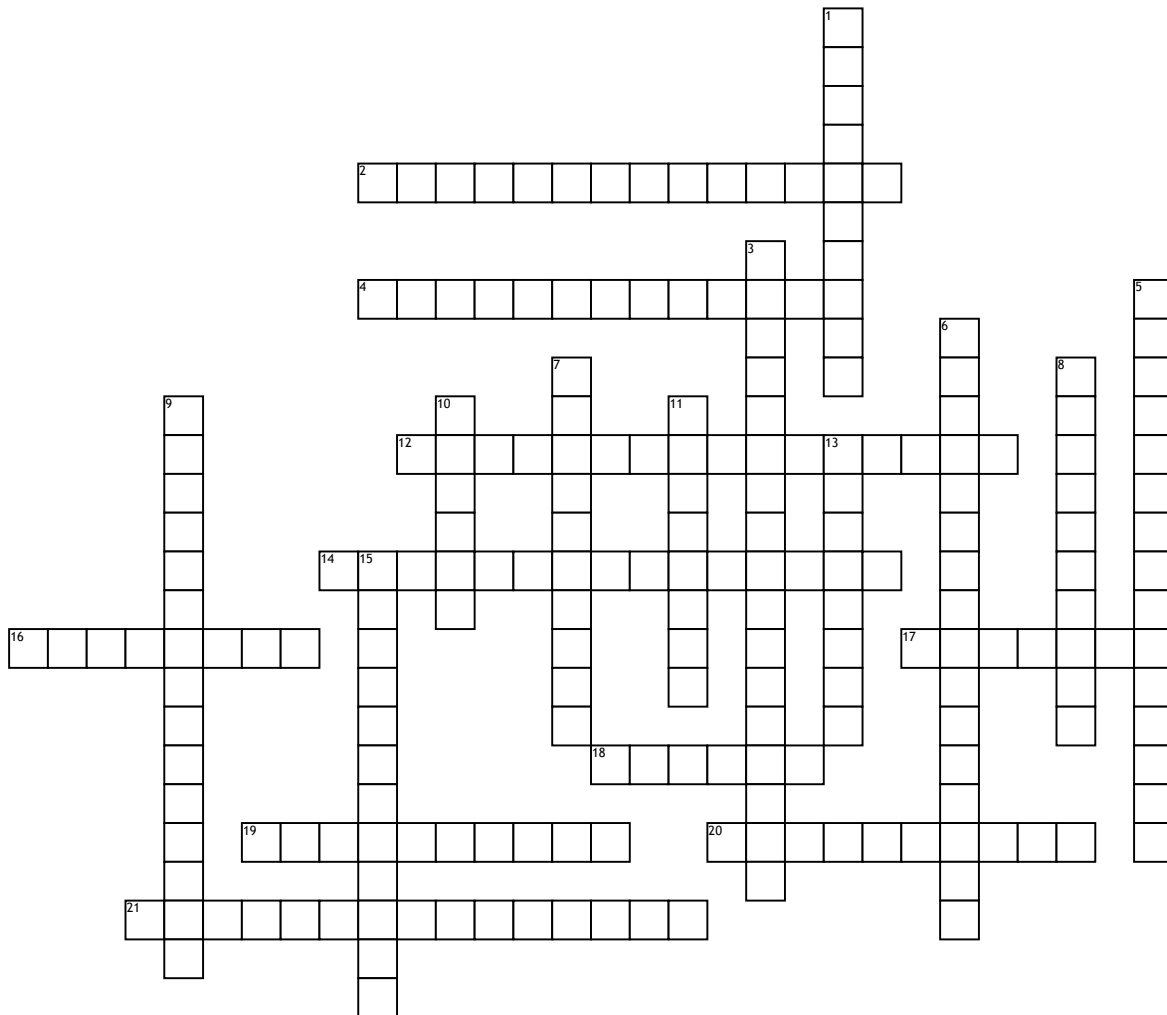


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Vocabulary Crossword



## Across

2. effect of a rotating body that influences the motion of any object or fluid

4. change in the wave frequency that occurs due to the relative motion of the wave it moves toward or any from an observer

12. A radius vector joining any planet to the sun sweeps out equal areas in equal lengths of time.

14. all planets move about the sun in elliptical orbits, having the sun at one foci

16. the process or act of turning or circling around something

17. process in which heavy atomic nuclei split into smaller, lighter atomic nuclei.

18. streak of light produced when a meteoroid falls toward earth and burns up in earths atmosphere

19. energy output from the surface of a star per second.

20. the point in the orbit of a planet, asteroid, or comet at which it is closest to the sun

21. a natural object which is located outside of earths atmosphere, (moon, the sun, other planets, etc.).

## Down

1. center of a mass of two or more bodies that orbit each other and is the point about which the bodies orbit

3. the astronomical model in which the earth and planets revolve around the sun at the center of the solar system.

5. a freely swinging pendulum that consists of heave weight

6. the difference between the equatorial and polar diameters of a planet, due to the centrifugal force exerted by the rotation about the body axis.

7. the slow movement of the axis a spinning body around another axis due to the torque acting to change the direction of the first axis.

8. the movement of one object around a center of another object

9. a superstate description of the universe with earth at the center.

10. large cloud of interstellar gas and dust that collapses on itself, due to gravity, and forms hot condensed object that will become a new star.

11. metallic or silica-rich object one meter to 950 kilometers in diameter, that bombarded early Earth, generating heat energy.

13. a periodic variation in the inclination of the axis of a rotating object

15. ratio of the distance between the foci to the length of the major axis