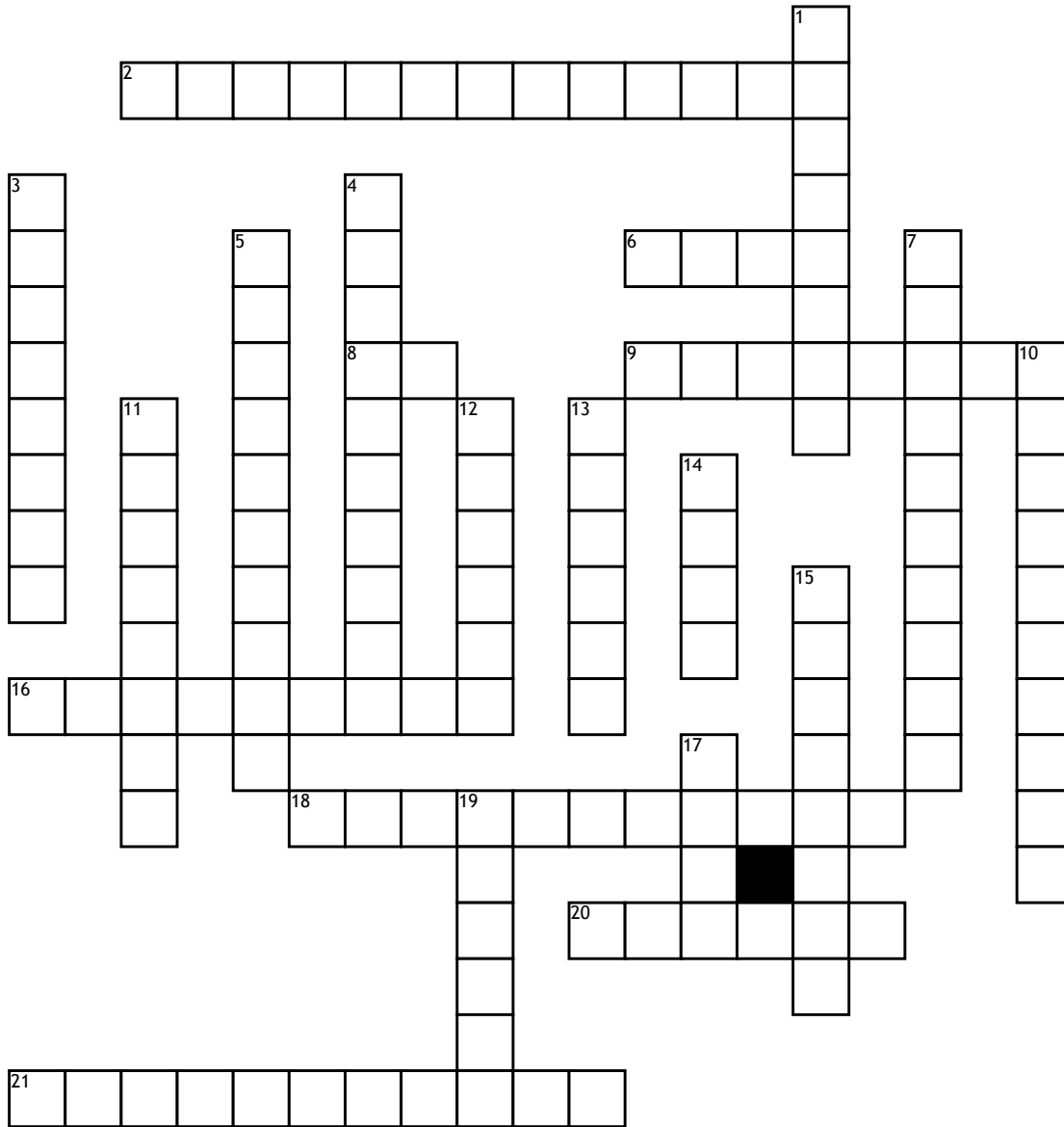


Sun, Stars and Space



Across

- 2. How does the sun produce energy?
- 6. What color are the hottest stars?
- 8. Used to measure distance in the solar system.
- 9. Dark areas that are cooler on the surface of the sun
- 16. Used to measure distances in the universe
- 18. Stars are classified by size _____ and brightness.
- 20. The outer atmosphere of the sun.

21. A collection of large and small bodies that orbit our central star, the sun.

Down

- 1. Space and all the matter and energy in it.
- 3. A measure of how bright a star would be if the star were at a standard distance. _____ magnitude
- 4. Very Bright spots on the sun's photosphere
- 5. The actual brightness of a star.
- 7. Huge loops of relatively cool gas on the surface of the sun.
- 10. Used to measure the size of stars

- 11. The sun is mostly made up of _____ gas
- 12. Are the poles of the sun rotating faster or slower than its equator?
- 13. A large collection of stars, gas and dust that is held together by gravity.
- 14. The densest layer of the Sun
- 15. _____ magnitude is the measure of a star's brightness as seen from earth.
- 17. A celestial body that is composed of gas and emits light.
- 19. A spherical body that orbits the sun