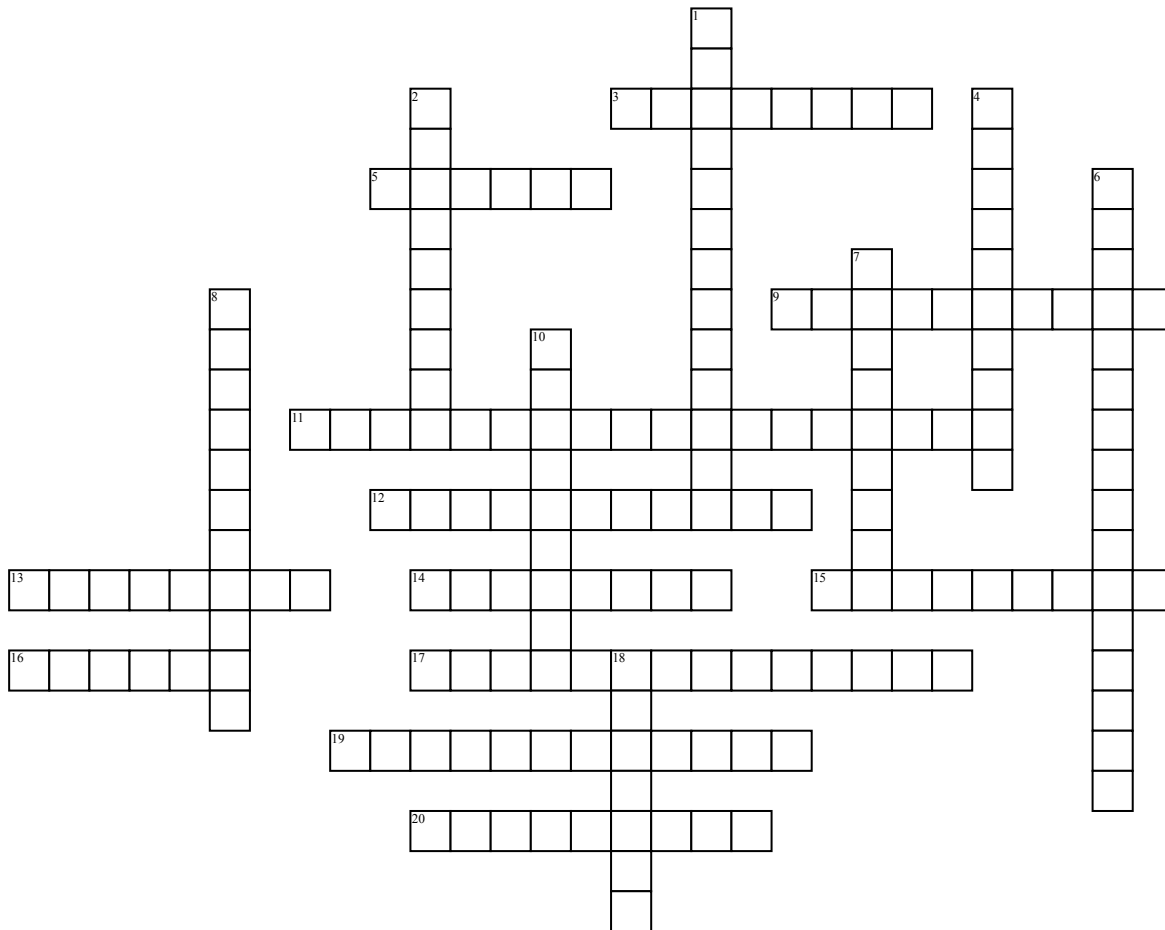


The Space Crossword



Across

3. the stage in the life cycle of a Sun-like star during which the star increases in size and becomes very bright
 5. consists of millions or billions of stars, gas, and dust
 9. one of the latter stages in the life cycle of a Sun-like star during which the star collapses
 11. the gases and dust that exist in the space between stars
 12. a small, super-dense remnant of a supernova
 13. a oval shape around the sun or the orbital path the planets take around the sun
 14. when the sun reaches its highest (summer) or lowest (winter) point at noon in the sky; in the northern hemisphere, one of the longest/shortest days in year.

15. in the first stage of a star's formation; a contracting mass of gas

16. where stars form, there are gas clouds and dust in space
 17. a pattern in the night sky formed by a grouping of stars
 19. on the Hertzsprung-Russell diagram, a stage in a star's life cycle which they produce energy by converting hydrogen into helium
 20. an enormous explosion of a massive star which marks the death of a massive star

Down

1. a stage in a massive star's life cycle when the star increases in size and becomes very bright

2. a super-dense remnant of a supernova in which light cannot even escape

4. the final phase in the life cycle of a Sun-like star
 6. a measure to use to measure the distance of the position of planets relative to the sun.
 7. the distance light travels in a year
 8. one of the two main types of stars that can form (smaller in mass than massive stars)
 10. a star grouping that is not one of the 88 recognized constellations
 18. occurs two times a year, when the day and night are equal since the sun passes the equator.