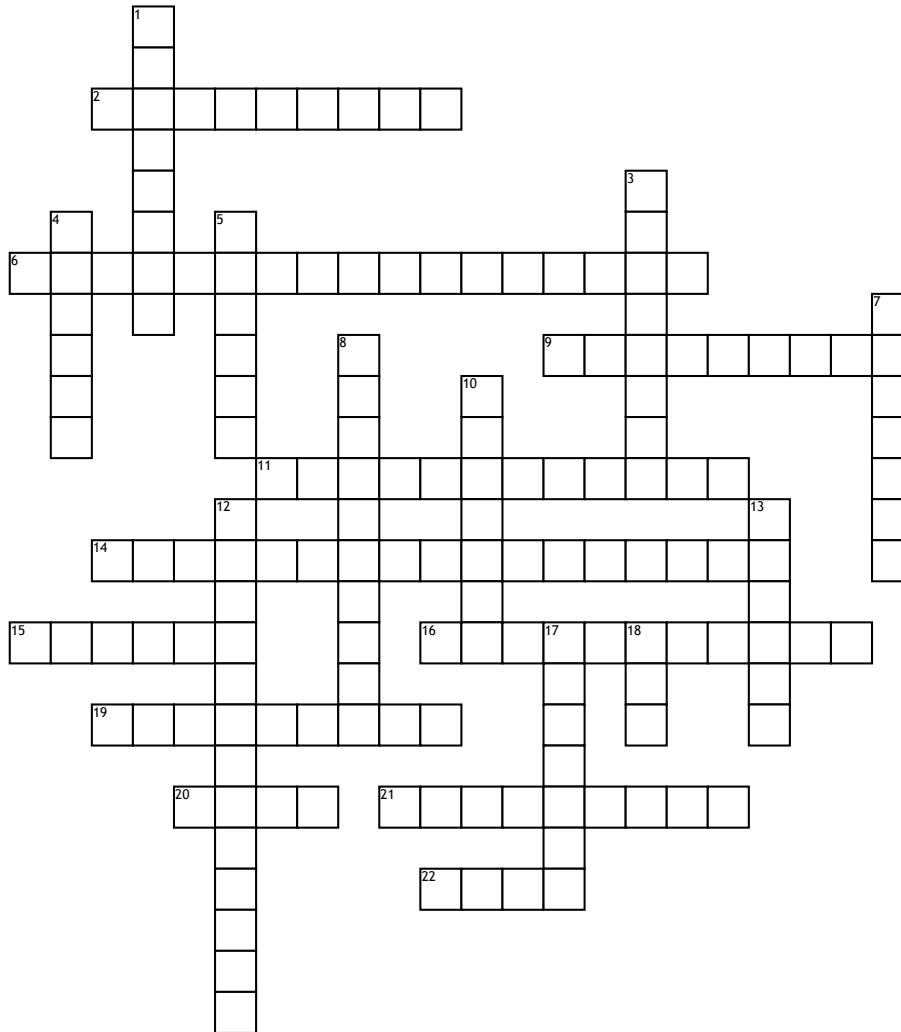


Stars and Galaxies



Across

2. Large mass stars will leave a neutron star and this when they die
 6. the brightness we see on Earth from a star
 9. the stage of a star's life when fusion begins
 11. This is the longest stage in a star's life
 14. the actual brightness a star gives off
 15. The brightest star in the night sky

16. The color of a star will tell this about it.
 19. Type of galaxy that is young and has no distinct shape
 20. The hottest star color
 21. the explosion of a red super giant
 22. A star's _____ will determine how long it lives and how it dies.

Down

1. The name of our galaxy
 3. gas used in nuclear fusion
 4. The type of galaxy with arms swirling around a black hole

5. The color of our sun
 7. The force responsible for the creation of stars
 8. The oldest and largest type of galaxy
 10. the size of our sun compared to other stars
 12. A group of stars that form a pattern in the sky
 13. first stage in the life of a star
 17. The North Star
 18. The coolest star color

Word Bank

- | | | | | |
|-------------|---------------|--------------------|---------------|--------------------|
| red | average | hydrogen | main sequence | apparent magnitude |
| supernova | Elliptical | gravity | Milky Way | polaris |
| sirius | constellation | absolute magnitude | protostar | Irregular |
| Temperature | nebula | black hole | blue | mass |
| Spiral | yellow | | | |