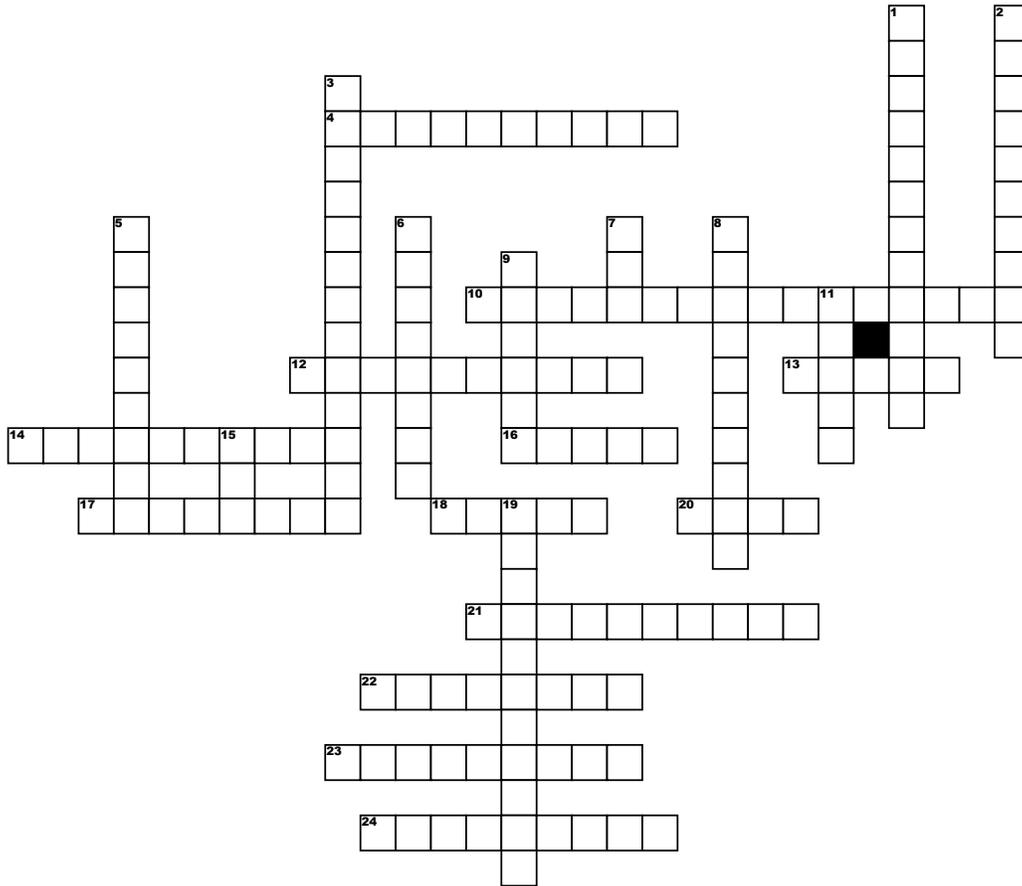


Stars and Earth



Across

- 4. A large mass star cools and turns red
- 10. When nuclear fusion starts to take place
- 12. earth, moon sun arrangement-highest tide, new moon and full moon
- 13. Sun, earth and moon arrangement
- 14. bottom layer of the mantle
- 16. How many planets in our solar system?
- 17. moon and sun at right angles to earth- first and last quarters
- 18. sun, earth and moon arrangement

- 20. this is solids, liquids and gas, what is it?
 - 21. has hot core exposed
 - 22. how fast the water soaks into the soil
 - 23. core collapses completely and vanishes
 - 24. a giant star explodes blasting away outer layers
- Down**
- 1. core collapses completely and vanishes
 - 2. a star cools, stops glowing
 - 3. top layer of the mantle

- 5. This has liquid magnetic fields, protects us from solar winds
- 6. star of less mass expands and glows red
- 7. Star is made from what?
- 8. water pulls the minerals out of the soil
- 9. The 3 layers lithosphere, asthenosphere and mesosphere, currents bring heat to the top
- 11. solid top layer of the planet
- 15. Inner core is what?
- 19. layer of the crust and top layer of mantle

Word Bank

- | | | | |
|---------------|--------------------|--------------|-------------|
| Soil | Crust | Neutron Star | Lithosphere |
| Asthenosphere | Main sequence star | Mesosphere | Hot |
| Supernova | Neap Tide | Outer Core | Black Hole |
| Porosity | Eluviation | Eight | Black Dwarf |
| Red Giant | Solar | Lunar | Gas |
| White Dwarf | Mantle | Super Giant | Spring Tide |