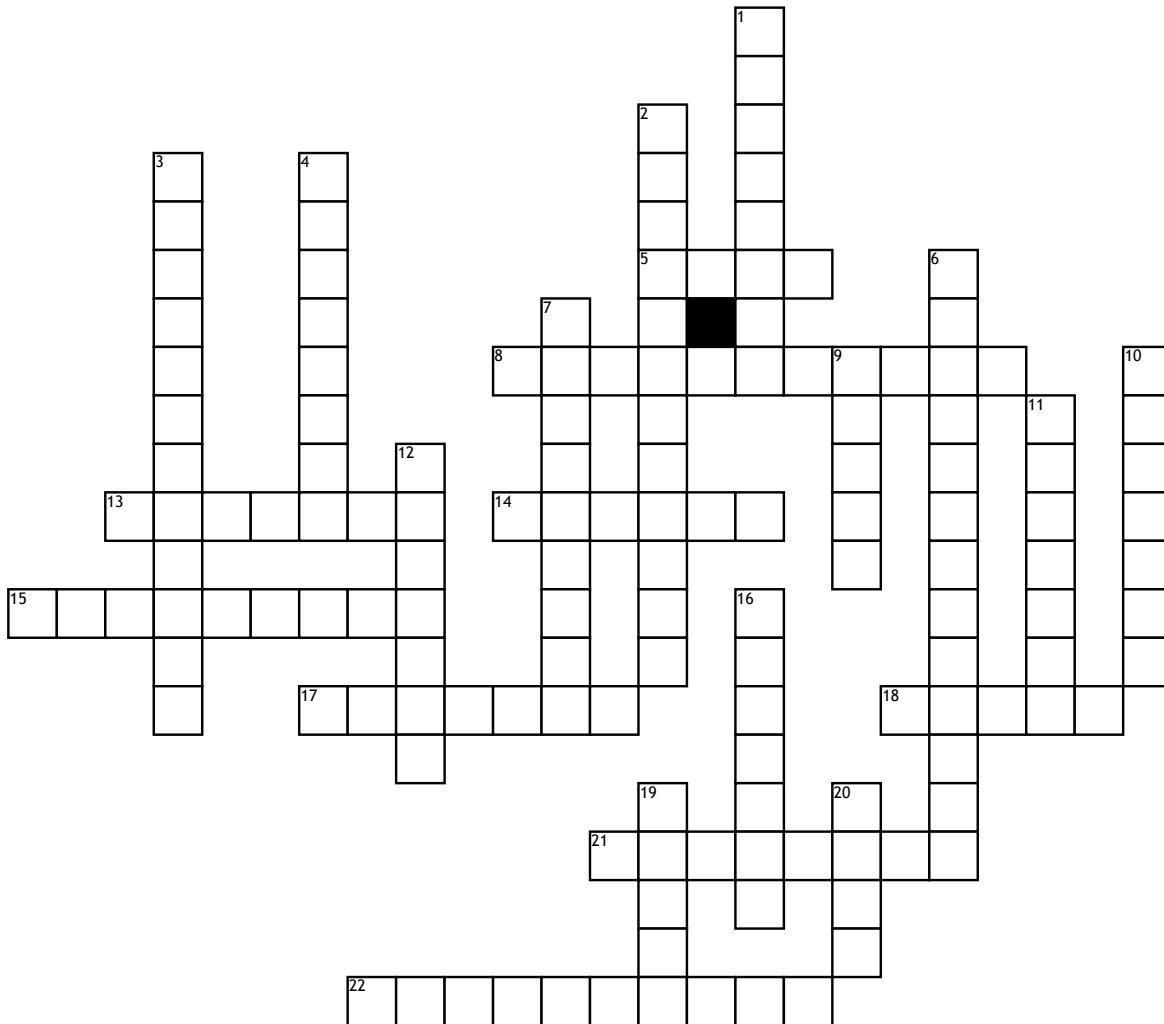


Earth and Space Science



Across

5. Imaginary line joining the North and South poles.
8. A period of reduced energy consumption and rest to avoid cold temperatures.
13. The typical temperature and weather variations in a general geographic area.
14. A period of increasing illumination of the Moon's surface.
15. Tides achieving higher low tides and lower high tides.
17. A period of decreasing illumination of the Moon's surface.
18. The darkest inner section of a shadow.
21. The act of creating new offspring for the continuation of a species.

22. Tides achieving higher high tides and lower low tides.

Down

1. The spinning of a planet (or moon) on its axis
2. Sun, Moon and Earth alignment, when the Moon shadow blocks the Sun
3. Sun, Earth and Moon alignment, when the Earth's shadow blocks the Moon
4. The lighter outer shadow formed from overlapping light sources.
6. The increase in temperatures due to greenhouse gases in the Earth's atmosphere.
7. The act of moving to a new location to seek out food supplies or avoid poor weather.
9. The rise and fall of Earth's waters due to gravitational attraction of the Sun and Moon.
10. The attractive force between two celestial bodies.
11. Imaginary line dividing the Earth into 2 hemispheres.
12. The cyclical change in Earth's temperature and climate due to the tilt of Earth's axis.
16. The day to day changes in temperature, rainfall and humidity, etc.
19. The motion of a planet as it travels around the Sun.
20. The angle of 23.50 the Earth's axis makes from the vertical