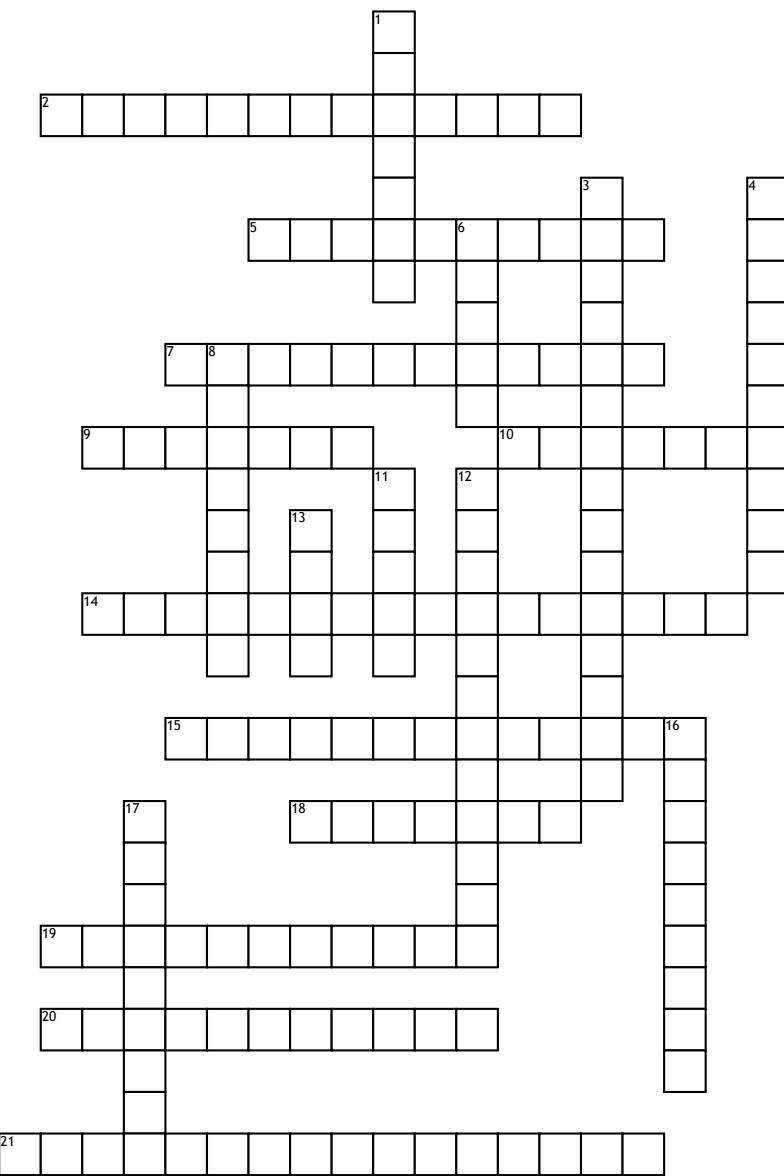


Extra Credit Crossword Puzzle



Across

2. long, narrow mountain range on the ocean floor; formed by magma at divergent plate boundaries
5. the process that occurs when one tectonic plate moves under another
7. warm tempered storms, supplied by low pressure systems
9. the long term average weather conditions that occur in a particular region
10. an attractive force that exists between all objects that have mass
14. the movement of Earth's continents over time
15. the partially melted portion of mantle below the lithosphere

18. the atmospheric conditions, along with short-term changes, of a certain place at a certain time
19. energy that travels as vibrations on and in Earth
20. the rigid outermost layer of Earth that includes the upmost mantle and crust
21. an event that causes a magnetic field to reverse direction

Down

1. a violent, whirling column of air in contact with the ground
3. cold winds that blow east to west near the North and South poles
4. the series of natural processes by which water continually moves along oceans, land, and the atmosphere
6. the brittle, rocky layer of Earth
8. the amount of water vapor in the air
11. a boundary between two air masses
12. the atmospheric layer directly above the troposphere
13. the movement of air from an area of high pressure to an area of low pressure
16. the location on Earth's surface directly above an earthquake's focus
17. energy carried by an electromagnetic wave