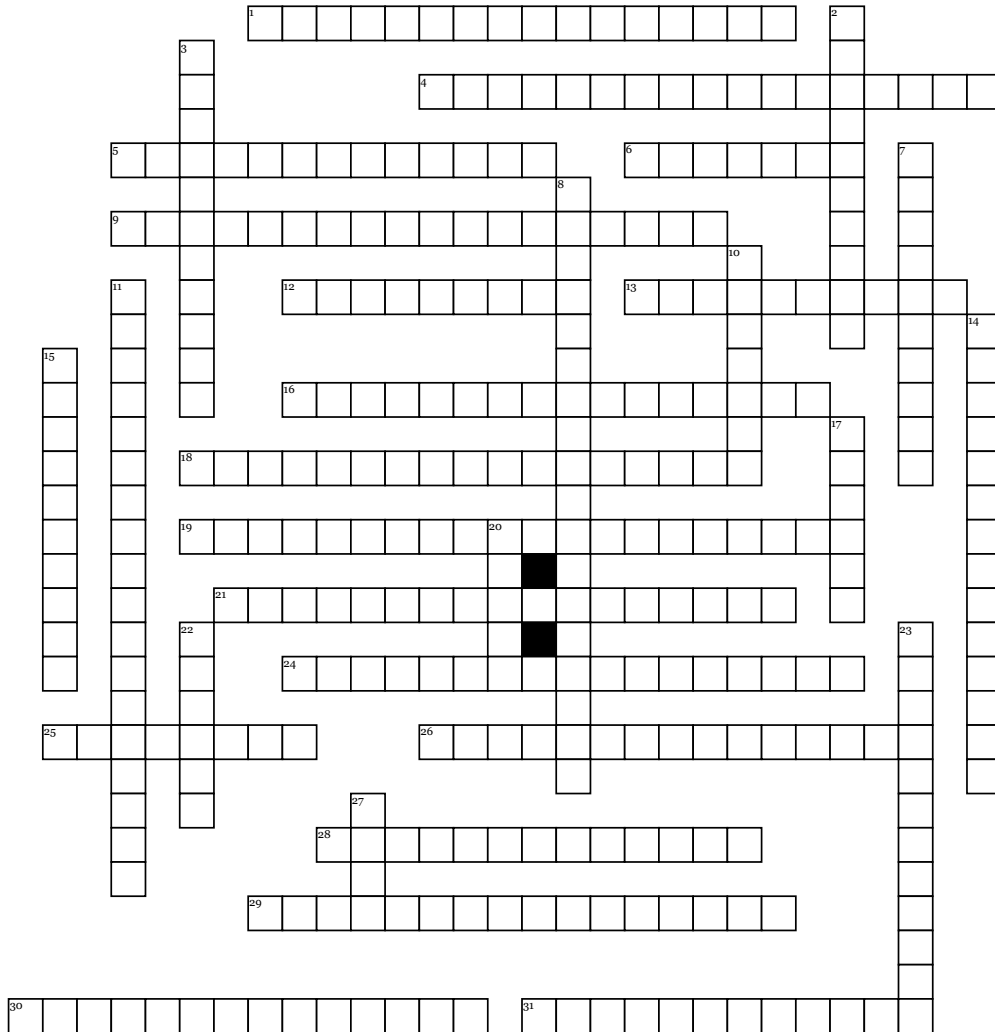


Earth Science Concepts



Across

- 1. The magnetic equivalent to electric charge is called....?
- 4. Boundary between 2 plates that move away from each other
- 5. The principle that in undisturbed rock layers
- 6. A vent in Earths crust through which molten rock flows
- 9. The erosion of rocks, building materials, etc caused by chemical reactions
- 12. A ridge shaped fold of stratified rock in which the strata slope downward from the crest
- 13. The arrangement of the natural and artificial physical features of an area
- 16. A geological process, such as tectonic plate movement, by which mountains are formed
- 18. The process by which new ocean crust forms along the mid-ocean ridge and old ocean crust moves way
- 19. The process of breaking big rocks into little rocks
- 21. Boundary between 2 plates that slide past each other

- 24. An event that causes a magnetic field to reverse direction
 - 25. A fold of stratified rock in which the strata slope upward from the axis
 - 26. Edges where 2 plates meet
 - 28. Long, narrow mountain range on the ocean floor
 - 29. Alfred Wegeners hypothesis which suggested that the continents were once joined together
 - 30. Theory that Earths surface is broken into large, rigid pieces that moves very slowly?
 - 31. A line on a map joining points of equal height above or below sea level
- Down**
- 2. A map marked with contour lines
 - 3. The reduction on volume causing an increase in pressure
 - 7. Wear away or change the appearance of texture, of something by long exposure to air
 - 8. A natural resource that can be replenished by natural processes as quickly as it is used

- 10. Ability to be bent or rearranged in to a flatter or more compact shape
- 11. Boundary between 2 plates that move toward each other
- 14. The biggest crash scene on earth
- 15. Vibrations caused by sudden movement of rocks along a break or a crack in Earths crust
- 17. A supercontinent that began to break apart 200 million years ago
- 20. Lithosphere, Asthenoshere, mesosphere, outer core, inner core abbreviated
- 22. A crack or a fraction in Earths lithosphere along which movement occurs
- 23. Energy that travels as vibrations on and in Earth
- 27. A crack, split or break in something

Word Bank

- | | | | | |
|---------------------|-------------------|-----------------------|---------------------|---------------------|
| Magnetic Reversals | Contour Map | Mechanical Weathering | Superposition | Plate Tectonics |
| Rift | Weathering | Plate Boundaries | Pangea | Chemical Weathering |
| Faults | Earthquake | Contour Lines | Convergent Boundary | Folding |
| Seismic Waves | Compression | Magnetic polarity | Sea floor spreading | Transform Boundary |
| Renewable resources | Continental Drift | Volcano | LAMOI | Anticline |
| Subduction zone | Syncline | Mountain Building | Divergent Boundary | Topography |
| Mid-Ocean Ridge | | | | |