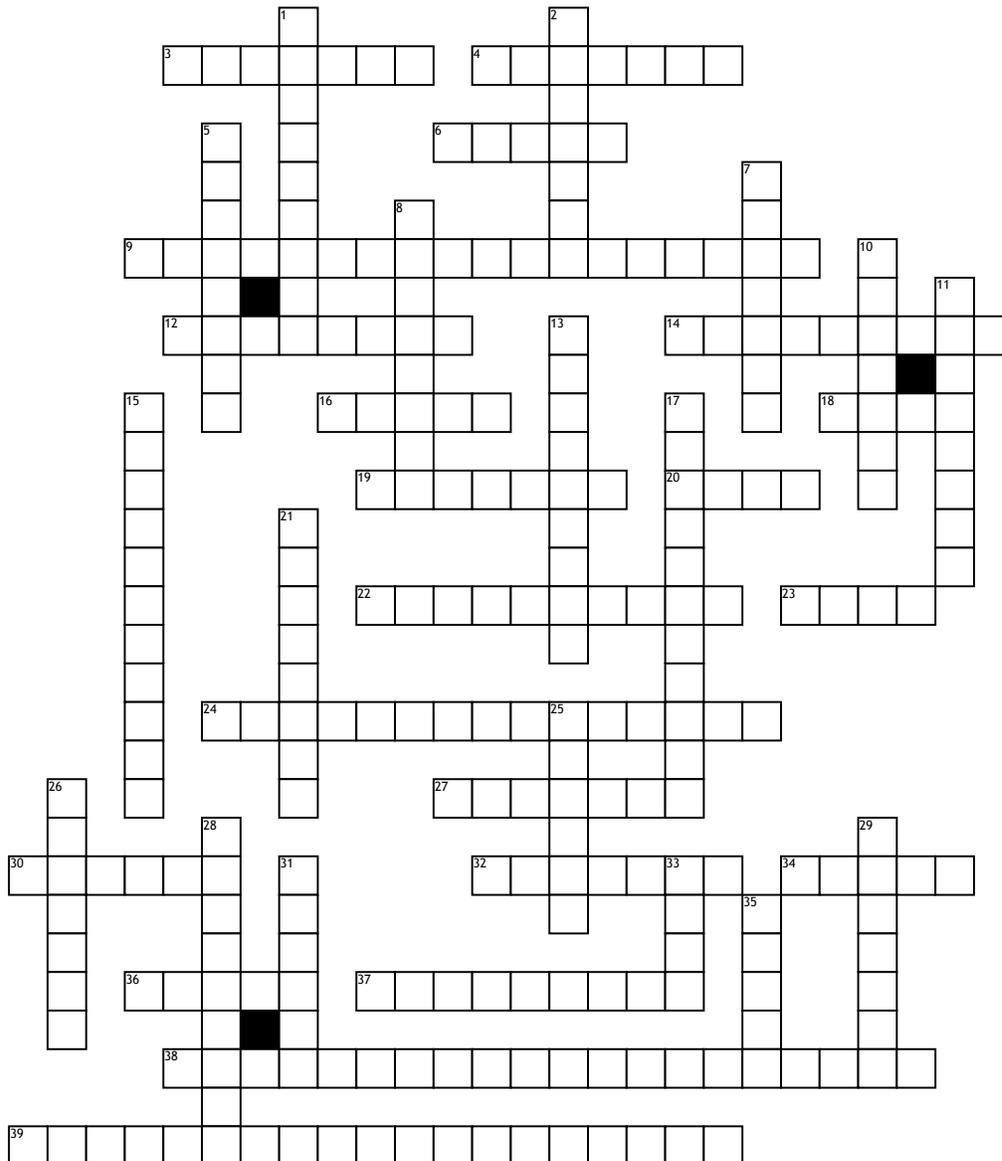


Science 7 Review



Across

3. The diffusion of water through a permeable membrane.
 4. Force that pulls you against the earth
 6. A tiny chamber containing the plant's ovules.
 9. The break-up or disintegration of rocks through the effects of chemical reactions upon them
 12. A force that acts on an object from the inside.
 14. The area or the surface of earth that is directly above the focus, or source, of an earthquake.
 16. The second fastest moving seismic wave produced by an earthquake.
 18. The weight carried or supported by a structure
 19. The part of the earth's crust that is made up of solid rock, lying beneath the soil and looser rocks
 20. The amount of matter in an object (measured in kilograms).
 22. A horizontal board supported at one end only, by a very strong column
 23. A type of fossil in which sediments have filled a mould and hardened into rock
 24. Movement of pollutants up through levels of a food chain
 27. Type of material failure that occurs when you twist electrical cords
 30. The shape and size of a structure and the materials that it is made of.

32. The slowest moving of the seismic waves.
 34. A push or pull, or anything that causes a change in the motion of an object.
 36. The thin, outermost layer of the earth
 37. This type of igneous rock forms when magma cools and solidifies above the earth's crust.
 38. The break-up or disintegration of rocks through the physical or chemical effects living organisms
 39. This is a measure of the largest compression force that a material can withstand
Down
 1. Something made up of several different materials, with different properties, for a specific purpose
 2. A single, prominent root with numerous small roots coming out of it.
 5. Stresses that act on a structure from outside is this kind of force.
 7. A force that pulls on a material and stretches it apart.
 8. When a mineral/rock breaks along smooth flat planes
 10. This type of rock is formed by the solidification of hot magma
 11. The weight of a structure upon itself
 13. The naturally occurring process in which rocks continue to change form over long periods of time.
 15. A pigment in plants that makes leaves green
 17. A force that compacts or squeezes a material

21. The forces that act on a structure but are not part of the structure.
 25. The light-reflecting properties or "shininess" of minerals.
 26. Type of reproduction that occurs when a "parent" plant grows new plants from its own roots, stems, or leaves
 28. This type of igneous rock is formed when magma cools below the earth's surface.
 29. The process of moving soil and rock from one place to another by wind or water
 31. The female reproductive part of a flower
 33. The innermost part of the earth, made of iron and nickel, in solid and liquid form
 35. A device used to add strength to a structure