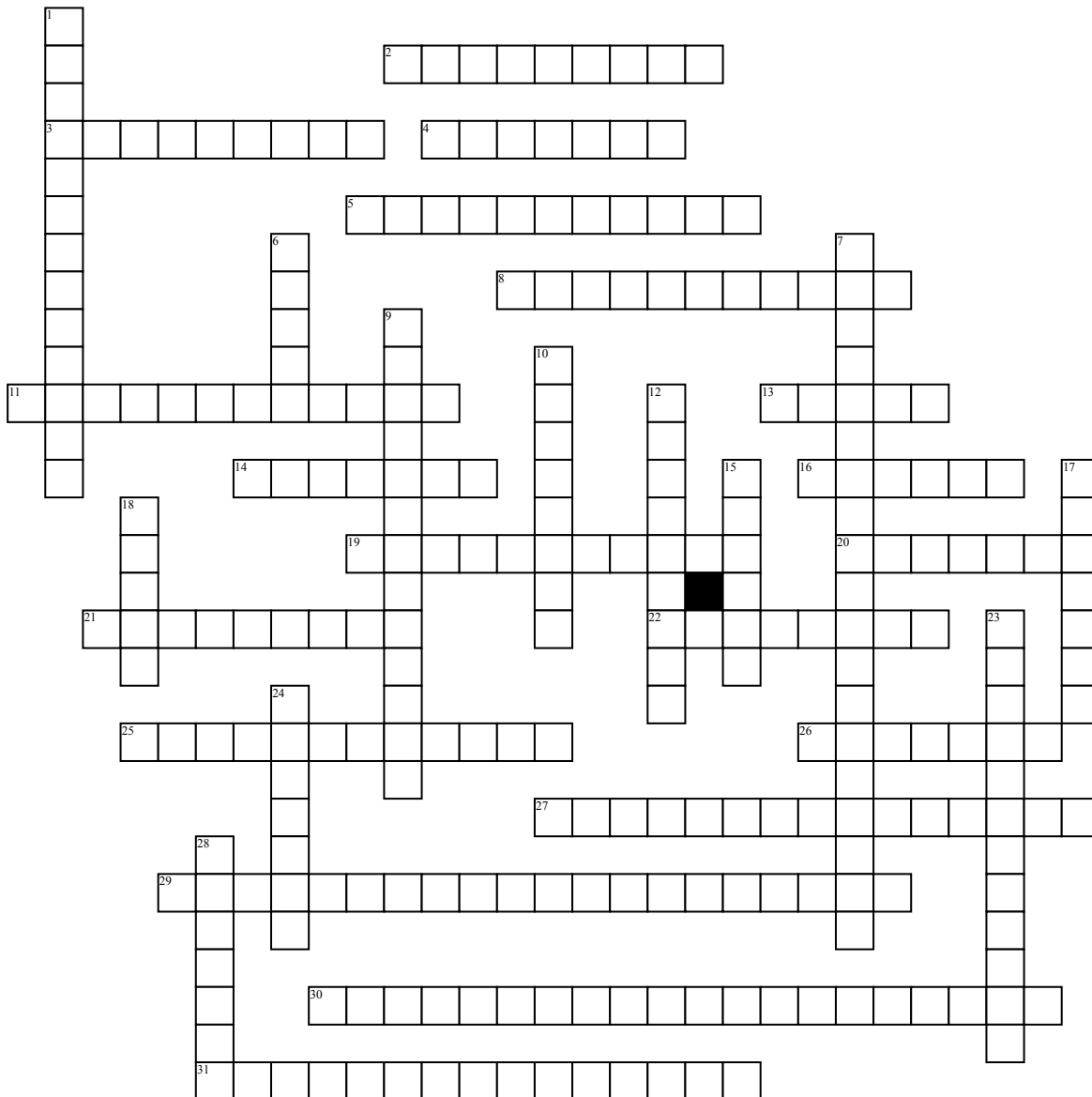


Unit 6: Rocks/Minerals



Across

2. not consisting of or deriving from living matter
 3. The interactions between Earth's water, air, land, and living things that cause rocks to change from one type to another
 4. the ratio of an object's mass to its volume
 5. Rocks formed by the crystallization of molten magma or lava
 8. what minerals the rock is made up of
 11. a number of different things or parts that are put or grouped together to form a whole but remain distinct entities
 13. soft, finely stratified sedimentary rock that formed from consolidated mud or clay and can be split easily into fragile slabs
 14. Coarse-grained, fine grained and glassy are examples of _____.
 16. The color of the powder produced when it is dragged across a surface
 19. a system of subparallel wavy ridges and furrows left on sand or mud by the action of water or wind, and sometimes fossilized

20. Process that involves the weathering and the removal of rock
 21. fine-grained sedimentary rock consisting of consolidated silt
 22. The tendency of a mineral to break along flat surfaces as determined by its structure
 25. glow under some conditions
 26. A piece of a pure solid substance having a natural form with symmetrical faces
 27. Igneous and sedimentary rocks that change at elevated temperatures and pressures deep within the Earth or during mountain building
 29. has a banded or layered appearance
 30. Metamorphism affecting rocks over an extensive area as a result of the large-scale action of heat and pressure
 31. Rocks composed of weathered bits of other rocks and minerals

Down

1. Igneous rocks formed when lava hardens above the Earth's surface

6. soft, finely stratified sedimentary rock that formed from consolidated mud or clay and can be split easily into fragile slabs
 7. Metamorphism due to contact with or proximity to an igneous intrusion
 9. Igneous rocks formed when magma hardens beneath Earth's surface
 10. Measures the resistance which a smooth surface offers to scratching
 12. sedimentary structures formed as muddy sediment dries and contracts. Crack formation also occurs in clayey soils as a result of a reduction in water content.
 15. The way light interacts with the surface of a crystal, rock or mineral
 17. A naturally occurring chemical compound
 18. state of matter characterized by particles arranged such that their shape and volume are relatively stable
 23. to change form
 24. rock consisting of angular fragments cemented together.
 28. preserved remains of a prehistoric organism or is slang for someone or something that is old and outdated