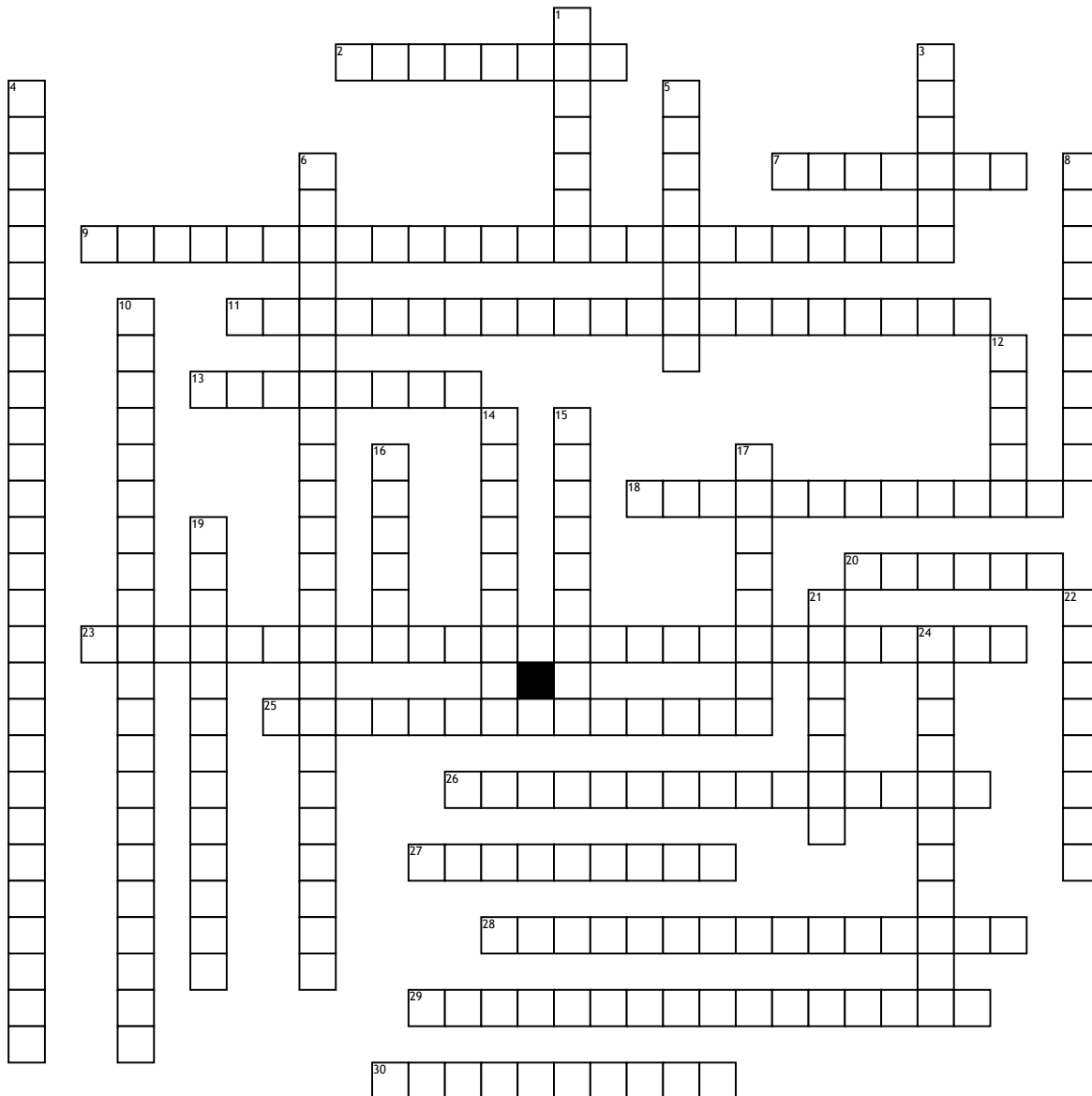


Rock Vocab



Across

2. a binary compound of sulfur with another element or group
 7. a chemical compound in which one of the elements is halogen
 9. rock formed by precipitation of minerals from water
 11. form when magma reaches the Earth's surface and cools quickly
 13. any separation in a geologic formation
 18. change in the constitution or make up of rock
 20. the color a mineral displays in finely powdered form
 23. natural, inorganic, solid, definite chemical composition, crystalline structure
 25. elements that occur in nature
 26. the act or process of crystallizing
 27. composed of silicon, oxygen, and at least one metal

28. type of rock formed through the deposition and solidification of sediment
 29. rocks changed by intense heat or pressure while forming

30. a chemical compound that contains phosphorus

Down

1. the feel, appearance, or consistency of a surface or substance
 3. a chemical compound that contains at least one oxygen atom
 4. rocks formed from organic processes that involve living organisms producing the sediments
 5. a salt that forms when sulfuric acid reacts with another chemical
 6. made of pieces of pre-existing rocks
 8. matter that settles to the bottom of a liquid

10. formed when magma is forced into older rocks below the Earth's crust
 12. made of one or more minerals that have been cemented, squeezed and heated, or cooled and melted together.
 14. how rocks of one kind change into rocks of another kind
 15. a salt of carbonic acid
 16. the way light interacts with the surface of a crystal, rock, or mineral
 17. the resistance of a mineral to scratching
 19. first step when studying minerals is to divide them into _____
 21. a solid natural compound that occurs naturally in pure form
 22. the tendency of a mineral to break along smooth planes
 24. formed through the cooling and solidification of magma and lava