

21. Basalt	A dark-colored rock that is low in silica	11. Magma	The molten mixture of rock-forming substances, gases, and water from the mantle
17. Calcite	Mineral with hardness of 3 on Mohs Hardness Scale	1. Mineral	A naturally occurring, inorganic solid that has a crystal structure and a definite chemical composition
31. Cementation	The process by which dissolved minerals crystallize and glue particles of sediment together into one mass	6. Mohs Hardness Scale	A scale ranking ten minerals from softest to hardest; used in testing the hardness of minerals
34. Chemical rock	Sedimentary rock that forms when minerals crystallize from a solution	33. Organic rock	Sedimentary rock that forms from remains of organisms deposited in thick layers
32. Clastic rock	Sedimentary rock that forms when rock fragments are squeezed together under high pressure	28. Porphyritic Texture	Rocks that have different sized crystals; created at different times
7. Cleavage	A mineral's ability to split easily along flat surfaces	18. Quartz	Mineral with hardness of 7 on Mohs Hardness Scale
30. Compaction	The process by which sediments are pressed together under their own weight	19. Rock-forming mineral	One of about 20 minerals that make up most of the rocks in Earth's crust
35. Coral reef	A structure of calcite skeletons built up by coral animals in warm, shallow ocean water	29. Sediment	Small, solid pieces of material that come from rocks or organisms; earth materials deposited by erosion
3. Crystal	A solid in which the atoms are arranged in a pattern that repeats again and again	27. Silica	A material found in magma that is formed from the elements oxygen and silicon
10. Crystallization	The process by which atoms are arranged to form a material with a crystal structure	13. Solution	A mixture in which one substance is dissolved in another
16. Diamond	Mineral with hardness of 10 on Mohs Hardness Scale	4. Streak	The color of a mineral's powder
25. Extrusive rock	Igneous rock that forms from lava on Earth's surface	15. Talc	Mineral with hardness of 1 on Mohs Hardness Scale
36. Foliated	The term used to describe metamorphic rocks that have grains arranged in parallel layers or bands	23. Texture	The look and feel of a rock's surface, determined by the size, shape, and pattern of a rock's grains
8. Fracture	The way a mineral looks when it breaks apart in an irregular way	14. Vein	A narrow deposit of a mineral that is sharply different from the surrounding rock
9. Geode	A hollow rock inside which mineral crystals have formed		
22. Grains	The particles of minerals or other rocks that give a rock its texture		
20. Granite	A generally light colored rock with a high silica content		
24. Igneous rock	A type of rock that forms from the cooling of molten rock at or below the surface		
2. Inorganic	Not formed from living things or the remains of living things		
26. Intrusive rock	Igneous rock that forms when magma hardens beneath Earth's surface		
12. Lava	Liquid magma that reaches the surface		
37. Lithification	The complex process in which freshly deposited sediments are converted into rock.		
5. Luster	The way a mineral reflects light from its surface		