

Chapter 4 Vocab

Word Bank:

Weathering, texture, contact, deformation, sediment, metamorphic, stratification, mafic, nonfoliated, organic, extrusive, composition, igneous, erosion, intrusive, coarse, chemical, felsic, sedimentary, uplift, deposition, index, regional, foliated, clastic, fine

1. _____ is when sediment gets dropped or deposited somewhere.
2. _____ rocks have minerals that arrange themselves in bands or lines.
3. _____ sedimentary rock forms when minerals dissolved in water begin to crystallize as the water evaporates.
4. _____ igneous rock forms when magma cools within the Earth.
5. _____ is the shape, size, and position of the rock's grains.
6. _____ is the texture of a rock with large crystals.
7. _____ igneous rocks are light in color.
8. _____ is the texture of a rock with small crystals or no crystals at all.
9. _____ minerals only form at certain pressures and temperatures and are used to estimate where certain metamorphic rocks form.
10. _____ is the process in which layers are formed in sedimentary rock.
11. _____ metamorphism occurs in rocks buried under many successive layers of rock.
12. _____ sedimentary rock forms when sediments are cemented together by calcite or quartz.
13. _____ igneous rock is dark in color.
14. _____ is the process by which rocks within the Earth are brought to the surface.
15. _____ igneous rock cools at the Earth's surface.
16. _____ sedimentary rock is made from the remains of animal skeletons and shells, or partially decomposed plant material.
17. _____ metamorphism occurs as rock comes into contact with a rising magma chamber which greatly increases the temperature of the rock.

18. _____ is the type of minerals that make up a rock.
19. _____ is the movement of sediment from one place to another.
20. _____ rock forms when magma cools and hardens.
21. _____ is when the minerals that make up a rock do not form in bands or lines.
22. _____ is a change in the shape of a rock due to a force placed upon it.
23. _____ is a type of rock that forms when layers of sediment get compacted and cemented together.
24. _____ is the geologic process that wears down rocks into smaller and smaller pieces usually due to water, wind, ice, and heat.
25. _____ is small pieces or fragments of rock.
26. _____ rock forms when rock is subjected to heat and pressure.