



Name _____

Date _____

(Key # 1 - 500171)

Earth Science - Chapter 3 - Vocabulary Review

Complete the crossword puzzle.

The crossword puzzle grid consists of 21 numbered starting points for words:

- 1: 18 letters, top row
- 2: 10 letters, top row
- 3: 10 letters, left column
- 4: 16 letters, second row
- 5: 16 letters, second row
- 6: 3 letters, second column
- 7: 3 letters, third column
- 8: 8 letters, third row
- 9: 8 letters, fourth row
- 10: 10 letters, right column
- 11: 8 letters, fifth row
- 12: 2 letters, sixth row
- 13: 12 letters, seventh row
- 14: 4 letters, eighth row
- 15: 10 letters, ninth row
- 16: 10 letters, tenth column
- 17: 2 letters, eleventh row
- 18: 4 letters, twelfth row
- 19: 2 letters, thirteenth row
- 20: 2 letters, fourteenth row
- 21: 16 letters, fifteenth row

**DEPOSITION
ROCK
MAGMA
WEATHERING
IGNEOUSROCK
EROSION
SEDIMENTS
METAMORPHICROCK
CEMENTATION
FOLIATEDMETAMORPHICROCK
LAVA**

**NONFOLIATEDMETAMORPHICROCK
SEDIMENTARYROCK
COMPACTION
CLASTICSEDIMENTARYROCK
CHEMICALSEDIMENTARYROCK
ROCKCYCLE
INTRUSIVEIGNEOUSROCK
EXTRUSIVEIGNEOUSROCK
METAMORPHISM
MINERAL**

Across

- 1 A metamorphic rock with a texture that gives the rock a layered appearance. (3 words)
- 4 Sedimentary rock consisting of material that was precipitated from water by inorganic or organic means. (3 words)
- 8 The disintegration and decomposition of rock at or near the Earth's surface.
- 9 A rock formed by the crystallization of molten magma (2 words)
- 11 A model that illustrates the origin of the three basic rock types and the interrelatedness of Earth materials and processes. (2 words)
- 13 Rock formed by from weathered products of preexisting rocks that have been transported, deposited, compacted, and cemented. (2 words)
- 14 A body of molten rock found at depth including any dissolved gases and crystals.
- 15 The process by which an agent of erosion loses energy and drops the sediment it is carrying.
- 18 The incorporation and transportation of material by a mobile agent, such as water, wind, or ice.
- 21 A sedimentary rock made of broken fragments of preexisting rock. (3 words)
- 5 Igneous rock that has formed on the Earth's surface (3 words)
- 6 A consolidated mixture of minerals.
- 7 Solidification of sediments by the deposition of dissolved minerals in the tiny spaces between sedimentary particles.
- 10 Rock formed by the alteration of preexisting rock deep within the Earth by heat, pressure, and/or chemically active fluids. (2 words)
- 12 Magma that reaches the Earth's surface.
- 16 The changes in mineral composition and texture of a rock subjected to high temperature and pressure within the Earth.
- 17 Process by which sediments are squeezed together by the weight of overlying materials driving out water.
- 19 Loose particles created by weathering and erosion of rock, by chemical precipitation from solution in water, or from the secretions of organisms and transported by water, wind, or glaciers.
- 20 A natural occurring, inorganic crystalline material with a unique chemical composition.

Down

- 2 Igneous rock that formed below the Earth's surface (3 words)
- 3 Metamorphic rock that does not exhibit a banded or layered appearance. (3 words)

