

Name: _____

Geology Topics Crossword

This crossword puzzle grid contains 35 numbered starting points for words. The grid is composed of black and white squares. The numbers are: 1 (top row, 1st square), 2 (top row, 10th square), 3 (2nd row, 1st square), 4 (3rd row, 5th square), 5 (3rd row, 6th square), 6 (3rd row, 7th square), 7 (4th row, 4th square), 8 (4th row, 5th square), 9 (5th row, 5th square), 10 (5th row, 6th square), 11 (6th row, 3rd square), 12 (6th row, 7th square), 13 (6th row, 10th square), 14 (7th row, 3rd square), 15 (7th row, 6th square), 16 (7th row, 9th square), 17 (8th row, 1st square), 18 (8th row, 2nd square), 19 (8th row, 3rd square), 20 (8th row, 4th square), 21 (8th row, 5th square), 22 (8th row, 6th square), 23 (8th row, 7th square), 24 (8th row, 8th square), 25 (9th row, 3rd square), 26 (9th row, 6th square), 27 (10th row, 3rd square), 28 (10th row, 4th square), 29 (10th row, 1st square), 30 (11th row, 3rd square), 31 (11th row, 4th square), 32 (11th row, 5th square), 33 (11th row, 6th square), 34 (11th row, 7th square), 35 (bottom row, 1st square).

Across:

- 1 - Boundary when two plates move apart from each other
- 5 - Made of Solid Iron and Nickel
- 8 - A mega continent before Pangea.
- 9 - Between Crust and Outer Core
- 11 - How easily a mineral can be scratched
- 12 - Natural inorganic (non-living) solids that join together (crystals) to make unique compositions.
- 14 - An opening in the Earth's crust through which molten magma and gases erupt
- 15 - Another mega continent before Pangea.
- 20 - The point on the Earth's surface that is directly above the hypocenter or focus
- 23 - A flow of volcanic ash and water
- 25 - The "Super Continent"
- 26 - Outer layer of the Earth
- 27 - Break / crack where movement occurs
- 29 - Large crater caused by the violent explosion of a volcano that collapses into a depression
- 31 - Made of Liquid Iron and Nickel
- 32 - Type of Crust made of mostly Basalt
- 33 - Where two plates are sliding horizontally past one another.
- 34 - The gradual movement of the continents across the Earth.
- 35 - Boundary when one plates collides and is forced under the other.

Down:

- 2 - Type of lava high in silicates (Explosive!)
- 3 - Rock that changed forms due to extreme temperature and pressure
- 4 - Limestone is an example of this type of rock
- 6 - Type of Crust made of mostly Granites
- 7 - Collision of crust bends rock layers "stress"
- 10 - Name for Basaltic lava (Flows Easily)
- 13 - An instrument used to measure the shaking caused by an earthquake
- 16 - Shaking of the Earth's crust from a sudden release of energy.
- 17 - The Earth's crust and upper mantle are broken into sections called plates. These plates float on the mantle like rafts (moving very slowly)
- 18 - A group of volcanic islands formed from ocean crust convergence.
- 19 - Scale for measuring earthquake magnitude
- 21 - Type of rock when molten Earth is cooled
- 22 - Mass or grouping of minerals
- 24 - A location above an upwelling of magma from the mantle.
- 28 - An ocean wave generated by a submarine earthquake, volcano or landslide
- 30 - Type of lava high in basalts (Flows)

Possible Answers:

Archipelago, Caldera, Continental, ContinentalDrift, ConvergentBoundary, Crust, DivergentBoundary, Earthquake, Epicenter, Fault, Felsic, Fold, Gondwanaland, Hardness, HotSpot, Igneous, InnerCore, Lahar, Laurasia, Mafic, Mantle, Metamorphic, Mineral, Ocean, OuterCore, Pahoehoe, Pangea, PlateTectonics, Richter Scale, Rock, Sedimentary, Seismograph, Transform Fault, Tsunami, Volcano

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Geology Topics Crossword

D I V E R G E N T B O U N D A R Y

M E T A M O R P H I C

P L A T E T E P E C A L D E R A T O N I C S

A R C H I P E L A G O

R I C H T E R S

C A L D E R A S M O U T E R C O R E

O C E A N A F T R A N S F O R M F A U L T

E C O N T I N E N T A L D R I F T

C O N V E R G E N T B O U N D A R Y

S I N N E R C O R E

F E O L S I C

G O N D W A N A L A N D

L I T I N E

D M A N T L E

P E

H A R D N E S S

H T

V O L C A N O

E R Y

L A U R A S I A

L

E P I C E N T E R

G O

P A N G E A

E O

F A U L T

S S

O U T E R C O R E

A F T R A N S F O R M F A U L T

L I M

C O N T I N E N T A L D R I F T

M I N E R A L

T

S E I S M O G R A P H

A

