

# 8th Grade Science Vocabulary Quiz 16

Write the word that best matches each definition or clue.

1. \_\_\_\_\_ The theory that suggests that the Earth was once one large land mass that separated and is continuing to separate.
2. \_\_\_\_\_ The settling (drop off) of rock and sediment into new locations.
3. \_\_\_\_\_ The breakdown of rock and sediment by physical (mechanical) or chemical means.
4. \_\_\_\_\_ A force that resists the motion between two surfaces in contact.
5. \_\_\_\_\_ The molten layer of Earth full of liquid nickel and liquid iron.
6. \_\_\_\_\_ The prehistoric landmass that theoretically contained all of Earth's continents in one land mass.
7. \_\_\_\_\_ Maps showing geological features of Earth as well elevation.
8. \_\_\_\_\_ The semi-molten layer of Earth where convection occurs causing the asthenosphere to shift.
9. \_\_\_\_\_ When a more dense ocean plate slides under a less dense continental plate causing volcanoes and trenches.
10. \_\_\_\_\_ Natural events driven by the internal force of earth that can significantly change the physical landforms on the earth surface or the structure underneath. Examples: volcanic eruptions, mountain building, earthquakes.
11. \_\_\_\_\_ The incredibly dense layer of Earth; it is solid nickel and iron.
12. \_\_\_\_\_ Lines connecting equal heights of elevation.
13. \_\_\_\_\_ The height above or below sea level.
14. \_\_\_\_\_ Photos or images from taken of Earth from space.
15. \_\_\_\_\_ The vertical distance or difference in elevation between contour lines.

topographic maps  
contour intervals  
inner core  
elevation  
subduction

contour lines  
Pangea  
geological events  
continental drift  
outer core

friction  
weathering  
satellite images  
deposition  
mantle