

Vocabulary 3

1. **Continent**: one of the six or seven great divisions of land on the globe
2. **Continental drift**: Wegener's hypothesis that all continents were once connected in a single large landmass that broke apart about 200 million years ago and drifted slowly to their current positions.
3. **Seafloor**: portion of Earth's crust that lies beneath ocean waters
4. **Seafloor spreading**: Hess's theory that new seafloor is formed when magma is forced upward toward the surface at a mid-ocean ridge.
5. **Converge**: to come together
6. **Diverge**: to move apart
7. **Transform**: to convert or change
8. **Plate tectonics**: theory that Earth's crust and upper mantle are broken into plates that float and move around on a plastic like layer of the mantle.
9. **Convection current**: current in Earth's mantle that transfers heat in Earth's interior and is the driving force for plate tectonics
10. **Crust**: a thin outer layer of rock above a planet's mantle, including all dry land & ocean basins
11. **Mantle**: the layer of rock between the Earth's outer core & crust in which rock is hot enough to flow in convection currents
12. **Core**: the centermost layer of the Earth, a solid sphere of metal, mostly iron & nickel.

Due Dates for Vocabulary 3

Thursday, January 8 - Roundhouse Diagram

Monday, January 12 - Find a sentence in your textbook with this vocabulary word. Write the sentence, the book, & the page number. Underline the vocabulary word.

Wednesday, January 14 - Vocabulary Crossword Puzzle

Quiz on Wednesday, January 14 over Vocabulary 1 - 3.