

Continental Drift and Plate Tectonics Evidence Poster

30 Points

Intro: Alfred Wegner came up with a theory that continents drifted around the planet, changing locations over the Earth's long history. At first nobody believed him mainly because he could not explain how it happened (the mechanism for movement). In order to prove his theory, Wegner found several pieces of evidence that lead him and many others to believe the continents had in fact moved over millions of years.

Main Objective: The main objective is for your group to create a poster that uses scientific evidence and discoveries to prove that the earth's crust is broken in to numerous plates, and that those plates have been (and will continue) moving for millions of years.

Task: In a group of 3-4 students, you will research, diagram, and explain the main pieces of evidence for continental drift as well as more current evidence for the theory of plate tectonics. Use a piece of butcher paper to create you poster.

- Expand your research to find information that goes beyond what you have in your Plate Tectonics Notes.
- Don't forget to include Pangaea, what it looked like, and how all the continents have moved to their current locations.
- Make sure to explain the differences between Wegner's theory of Continental Drift (and reason's why people didn't believe his theory) and the theory of Plate Tectonics
- Make sure to include a section on the **mechanism for plate tectonics.** (what makes the plates move?)