# Plate Tectonics Raft Assignment

* Use the completed 3 worksheets and the links for this assignment.
* Choose one of the three plate boundaries as a topic to explain through one of the RAFT options.
* Complete a **RAFT**. (This will be done at home)
* ***Compose***a creative, accurate, & informative narrative that helps to explain one part of the theory of plate tectonics.

Options

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| **Role** | **Audience**  | **Format** | **Topic: The main idea behind the writing; the scientific things you must include** |
| A sports announcer. | sportsfans | A play by play of the action going on between crashing plates. | **convergent plate boundaries:**1. *Define* convergent plate boundaries.2. *Explain* what happens between 2 plates during **subduction**3. *Describe* the **differences** between 3 types of convergent plate boundaries: ocean-to-ocean, ocean-to-continent, & continent-to-continent.4. *Identify* land features, such as trenches, volcanoes, and mountain ranges; *explain* **how** they form & *provide* an **example** of each |

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| **Role** | **Audience**  | **Format** | **Topic: The main idea behind the writing; the scientific things you must include** |
| TV Crime Cop | Court of Law | Present evidence to the judge and jury to prove the plates are guilty of moving apart. | **divergent plate boundaries:**1. *Define* divergent plate boundaries.2. *Explain* what happens between 2 plates during **sea floor spreading**3. *Describe* three types of evidence we have that the plates are moving apart based on the rocks along mid-ocean ridges.4. Explain why earthquakes at a mid-ocean ridge do not endanger us in NC. |

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| **Role** | **Audience**  | **Format** | **Topic: The main idea behind the writing; the scientific things you must include** |
| Two train conductors/tour guides as they pass each other on high speed rails from San Francisco to Los Angeles  | Train 1: Passengers going to the 49ers gameTrain 2: Passengers going to the Rams game | Announcements of upcoming towns and dangers as they progress to their destinations.  | **transform plate boundaries**1. *Define* transform plate boundaries. *2. Describe* a transform plate boundary in California and *identify* the plates involved by name.3. Why does the transform plate boundary above get stuck?4. Why would someone not want to live in San Francisco? |