**Convection Currents Mini Poster Rubric**

**Standard: ESS2.4** Gather and evaluate evidence that energy from the earth’s interior drives convection cycles within the asthenosphere which creates changes within the lithosphere including plate movements, plate boundaries, and sea-floor spreading.

**Task:** Create a Mini Poster to explain convection currents with the components listed below. The Poster must include ALL the requirements to earn full credit. You must turn in your own poster. NO PARTNERS.

* **Your Mini Poster must include:**

1. Title
2. What are Convection Currents and how do they work? (10 pts)
3. Where does the energy/heat come from that drives convection cycles? (10 pts)
4. How does convection currents cause the formation ridges, trenches, mountains, and volcanoes? (10 pts)
5. Draw and LABEL a picture to represent convection currents within Earth and land formations as a result. Include:

\_\_\_\_ Lithosphere (10 pts)

\_\_\_\_ Mantle (10 pts)

\_\_\_\_ Core (10 pts)

\_\_\_\_ Convection Current Cycles (10 pts)

\_\_\_\_ Subduction (10 pts)

\_\_\_\_ Trench (10 pts)

\_\_\_\_ Mountain (10 pts)

**IT MUST HAVE COLOR!!!!**

* **You will only use the websites located on my teacher webpage (under the helpful links tab) and your science textbook (Pg 300-303) as resources.**

Link 1 <http://www.ucmp.berkeley.edu/education/dynamic/session1/sess1_earthcurrents.html>

Link 2 <https://www.khanacademy.org/partner-content/amnh/earthquakes-and-volcanoes/plate-tectonics/a/mantle-convection-and-plate-tectonics>

Link 3 <https://www.windows2universe.org/?page=/earth/interior/how_plates_move.html>

* **Use complete sentences. (answer the questions completely in your OWN words!!!)**

**YOU CAN USE THE BACKSIDE OF THIS PAPER AS YOUR MINI POSTER!!!!**