

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## **The Humboldt Current Ecosystem: How Earth Systems Influence Ocean Productivity and Biodiversity**

Student Handout

Go to the story map located here <http://arcg.is/1RTcru2> and answer the questions below.

1. What causes the productivity associated with the Humboldt Current?
2. Draw and label a diagram that illustrates how an upwelling works.
3. Describe how the Humboldt Current impacts the ecosystem as a whole.
4. How does the El Niño-Southern Oscillation or ENSO Cycle impact the Humboldt Current Ecosystem?
5. How does a La Niña event differ from an El Niño event?