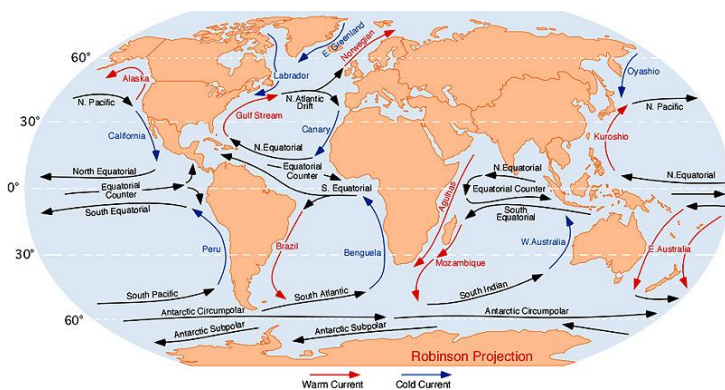


Name \_\_\_\_\_

Date \_\_\_\_\_ period \_\_\_\_\_

## Earth 2 Quiz

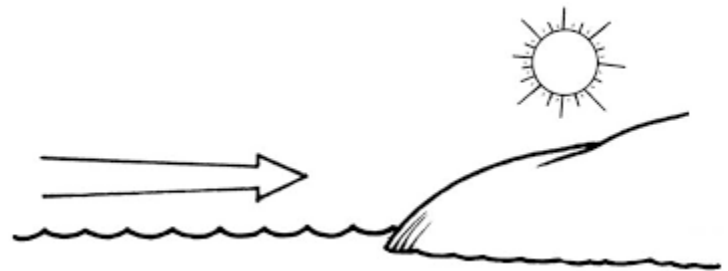
1. What is the driving force of all weather on earth? \_\_\_\_\_
2. What causes cold deep currents to form in oceans near the poles?
  - A. Sinking of dense, cold water and high salinity.
  - B. The Coriolis force
  - C. Movement of a large mass of warm water across the pacific
  - D. Sinking of cold freshwater from melting icebergs.
3. Which of the following types of current water typically carry warm water from the equator to the poles?
  - A. Deep ocean currents
  - B. Longshore currents
  - C. Surface currents
  - D. Rip currents



4. Compare the currents that pass by California and Florida and how they affect the climate of those areas?

5. Wind is caused by differences in air pressure.
  - A. True
  - B. False
6. During the day the land heats faster than water causing a \_\_\_\_\_ pressure to form over the land and a \_\_\_\_\_ pressure over the coastal water.
  - A. High, high
  - B. Low , high
  - C. High, low
  - D. Low, low
7. The amount of moisture in the air is known as \_
  - A. Air pressure
  - B. Temperature
  - C. Humidity
  - D. Weather

Use the following diagram to answer the questions below



8. The air is warmest over the \_\_\_\_\_
9. The air is coolest over the \_\_\_\_\_
10. Air over the \_\_\_\_\_ is rising
11. Air over the \_\_\_\_\_ is sinking
12. This diagram shows a \_\_\_\_\_ breeze.
13. Draw in the arrows to show the pattern of the convection current and identify where the pressure is High (H) and where the pressure is Low (L).
14. Explain the difference between weather and climate.