

Earth/Environmental Science Homework & Test Review**Week 1: January 20 – 23, 2015****DUE DATE: Friday, January 23rd**

Vocabulary: Fill in the missing areas on the table below using your textbook, class activities and any other resources you find helpful.

Vocabulary Word	Definition	Example/Application
Hydrosphere		
Density		
Salinity		
Density Current		

Key Questions from the Week: Answer the questions below pertaining to this week.

1. How is the density of ocean water affected by temperature?

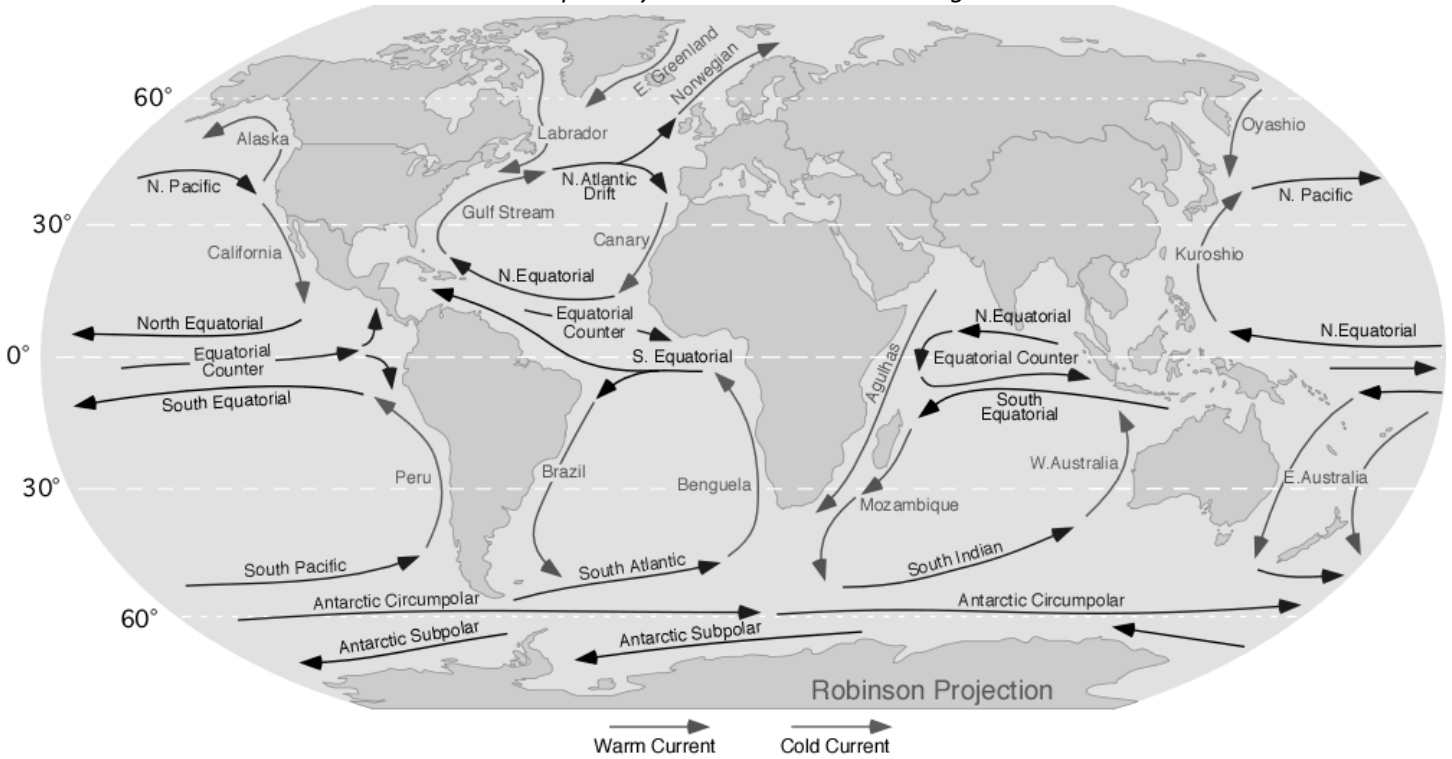
2. How do ocean currents form?

Diagram for the Week: Warm currents travel away from the equator and cold currents travel towards the equator.

1. Designate the following currents as either warm (W) or cold (C)

- | | | | | |
|------------------|-------------------|--------------------|------------------|--------------------|
| _____ Alaska | _____ Labrador | _____ E. Greenland | _____ Benguela | _____ Oyashio |
| _____ California | _____ Gulf Stream | _____ Norwegian | _____ Agulhas | _____ Kuroshio |
| _____ Peru | _____ Brazil | _____ Canary | _____ Mozambique | _____ W. Australia |
| | | | | _____ E. Australia |

2. From question 1 above, trace the warm currents red and trace the cold currents blue in the diagram below. *Note: There are additional currents shown on the map that you will not be color coding.*



Concept Map: Relate this week's talk about the hydrosphere by completing the following concept map using the provided word bank. Each word is used only once.

Word Bank

- Rivers
- 3 Percent
- Ice Caps
- On Earth's Surface
- Underground
- Water Table
- Fresh Water

