Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7.1 Independent Practice

Choice Board

You must **complete 3 squares on a separate sheet of paper**. *You may complete more for extra credit.*

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| A. Write a newspaper article describing the five gyres and how this applies to pollution in the oceans. What causes the trash to stay underground? Reference pg. 449 in textbook if needed. Need at least 5 sentences. Include one sentence to reference the Rubber Ducks article.  | B. Sketch a picture of the great oceanic conveyor belt. Be sure to include red and blue to distinguish the currents from the equator and the poles. Write three sentences to explain how convection currents are involved. | C. Describe the gulf stream that runs along the eastern coast of the USA. Sketch a drawing to show the North Atlanta Gyre: Canary, N. Equatorial, Gulf Stream and N. American current. Write three sentences how the four currents are important to trade, weather patterns and heat distribution. |
| D. Draw a colorful graph of oceanic zones. Label your axis with temperature & depth. Write three sentences explaining how these zones relate to variations in density. Also include how these layers explain the difference in surface currents and deep ocean currents. | E. What is the Coriolis Effect? Sketch a drawing to show these global winds around the globe. Write three sentences explaining how it affects water in the northern & southern hemisphere. | F. Make a chart to explain oceanic currents and the factors that create the density. Identify three locations where these different currents would be found. |

Staple this sheet to the top of your completed activities

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