**North Carolina River Basins Project Menu**

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| **1. Water Cycle** | **2. Vocabulary** | **3. NC River Basins** |
| 1. Draw and label the steps of the Water Cycle.
 | A. Create a chart in your notebook in which you define the following vocabulary words: River basin, estuary, groundwater, point source pollution, nonpoint source pollution, algal blooms | A. Create a poster of the state of North Carolina. Color and label each of its river basins a different color.  |
| 1. Create an image and description of a super hero whose power is to travel through the water cycle. Be sure to describe the processes the super hero goes through around the water cycle.
 | B. Create a flip chart foldable to put in your notebook in which you define and illustrate the following vocabulary words:River basin, estuary, groundwater, ecosystem, riparian ecosystem, vegetative buffer, point source pollution, nonpoint source pollution, algal blooms | B. Create a slideshow in google drive that has a slide for each of North Carolina’s river basins with information about its location, water type, organisms, etc. <http://www.eenorthcarolina.org/riverbasins-gis-map.asp>(share slideshow with your teacher)  |
| 1. Create a board game that involves a water droplet moving through the different stations of the water cycle using the different processes. Write directions for the game on an index card and tape it as a flap on the board game in your notebook.
 | C. Write a short story from the perspective of an aquatic organism in which you use (in context) the following vocabulary words:River basin, estuary, groundwater, ecosystem, point source pollution, nonpoint source pollution, algal blooms | C. Create a public service announcement poster that shows why river basin education is important. Be sure to refer to at least 3 different river basins in the poster with information about their location, different issues, and how education can help.  |

\*You must choose one activity in each column.

\*You must choose one A, B, & C activity.

\*All 3 activities are due at the end of class on Friday.

**Resources:**

<http://www.eenorthcarolina.org/>

<http://www.eenorthcarolina.org/images/River%20Basin%20Images/final_web_booklet.pdf>

<http://water.usgs.gov/edu/watercyclesummary.html>