**River Basin Scavenger Hunt** <http://www.eenorthcarolina.org/public/ecoaddress/riverbasins/riberbasinbooklet150dpi>.

1. Name 2 issues that led to public interest in rivers and river basins.
2. Which organism killed millions of fish in coastal waters?
3. Land that water flows across or under on its way to a river is called \_\_\_\_\_\_\_\_\_\_\_\_.
4. Where does the water go after it falls into a river basin?
5. What is an estuary?
6. Describe the difference between a river basin and a watershed.
7. Describe the possible path water takes in an individual watershed.
8. What do we call water found in the cracks and pores in sand, gravel, and rocks below the earth’s surface.
9. Can more than one watershed be found in an individual river basin? Justify your answer.
10. Do you live in a river basin?
11. What does water transfer as it moves downstream?
12. The quote, “the health of an aquatic ecosystem is directly related to activities on land,” refers to an aquatic ecosystem. What is an aquatic ecosystem?
13. What is the name of the largest river basin in NC? …smallest river basin in NC?
14. Which river basin do you live in?
15. What is an aquifer?
16. What is an ecological address? What are the 9 components of your ecological address?
17. Where does the water from a storm drain flow to?
18. What is topography?
19. What is a floodplain?
20. What is a wetland?
21. How do wetlands help to regulate water flow?
22. Where do you get your drinking water?
23. How do contaminated soils affect your drinking water?
24. What is biodiversity?
25. What does the term permeable mean?
26. What does the term impermeable mean?
27. What is a river, according to the section entitled “The Ecosystem Connection”?
28. What is an ecological footprint?
29. A large variety and large number of aquatic organisms is an indication of this state of water quality.
30. Describe the term vegetative buffer.
31. What is sediment?
32. How does sediment affect the water quality?
33. Why are more humans vulnerable to flooding?
34. How has urban development reduced the land’s ability to absorb runoff?
35. Discuss the Clean Water Act of 1972.
36. What is a point source pollutant? A non-point source pollutant?
37. What does excess nutrients cause to grow in water resulting in the death of masses of fish?
38. What is stormwater?
39. How can the flow of stormwater be controlled?
40. When a scientist surveys the macroinvertebrates in a body of water, what is he/she studying?

41. Name 4 ways that citizens are making a difference in their communities.