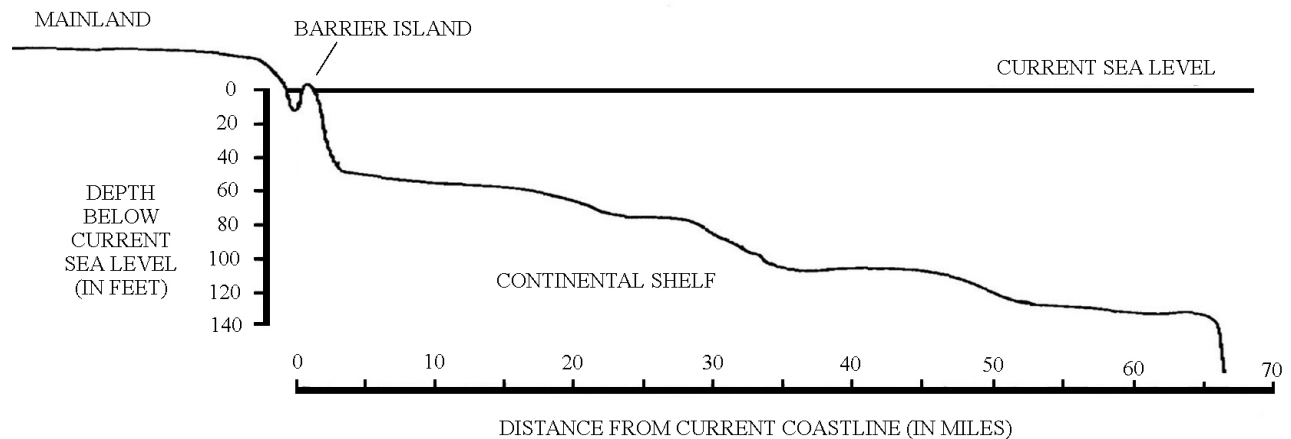


Shifting Coastlines

Name: _____

1. The diagram below shows a cross section of the North Carolina coast. This diagram can be used to reconstruct where the coastline was during Paleoindian and Archaic times, when the sea level was lower than it is today. Shown below are the sea levels at various times in the past. (Remember: current sea level is 0 feet and is shown as a horizontal line near the top of the diagram.) Use colored markers to draw a line on the diagram showing the sea level for each date. Mark the date beside or on top of the line. How far from the current coastline was the coastline at each date in the past?

- 14,000 years ago, the sea level was 125 feet below current sea level.
- 10,000 years ago, the sea level was 92 feet below current sea level.
- 7,000 years ago, the sea level was 46 feet below current sea level.
- 5,000 years ago, the sea level was 5 feet below current sea level.



2. Sites where Paleoindians lived along the coast are now covered by the sea. What types of information about how these early peoples lived has been lost forever by the rising sea levels?