ROLLIN DOWN THE RIVER: 
Riverine Systems

OBJECTIVES:

- List four characteristics of a riverine system.
- Define the riparian zone.
- Identify three measurements for use in assessing water quality.
- Describe a process that changes water quality.

MULTIPLE INTELLIGENCES LEARNING ACTIVITIES:

Verbal/Linguistic: Using printed media, obtain information about a river.

Using a story grid, write a newspaper article.

Using Bloom’s Taxonomy of Questions, formulate questions about a problem.

Logical/Mathematical: Using a PNI (Positive, Negative, Interesting) chart, analyze riverine problems.

Interpersonal: Compete in a Tangipahoa River Trivia game using questions formulated from Bloom’s Taxonomy of Questions.

Naturalist: Using topographical maps and tracing paper, select either a river on the North Shore of Lake Pontchartrain or a bayou on the South Shore to find all the drainage connections to this water body. Trace connecting tributaries and drainage ways going out from the channel.

Introduction:

Flowing into, out of, and through the Lake Pontchartrain Basin are rivers which provide water for habitat, bring nutrients, take away waste products and provide areas of scenic beauty and recreation. Some of the major rivers are the Tangipahoa, Tchefuncte, Tickfaw, Amite, Bogue Falaya, Bogue Chitto, and West Pearl Rivers.