

# 5-8 Cross Curriculum Math Extension

## What are Watersheds?

Sixth grade Math Extension  
By SCA master teacher, Laura Kent

### SCA Theme

Watersheds

### Focus Question

What are the names of the largest and the smallest river systems in the coastal region?

### Activity Synopsis

The students will locate the river systems in the coastal region and rank them according to size.

### Time Frame

35-45 minutes

### Objectives

The learner will be able to:

- Identify river systems in coastal South Carolina.
- Compare and contrast the length of the rivers from largest to smallest.

### Standards

Math - 6.G.1, 6.RP.1, 6.RP.3c, 6.NS.5, 6.NS.6

### Materials

- South Carolina Maps
- 'What are Watersheds?' background information
- Paper
- Pencils

### Procedure

1. Have students use a South Carolina map to locate the following rivers
  - Santee River
  - PeeDee River
  - Savannah River
  - Edisto, Combahee and Ashley Rivers
2. Use information from the background section of the 'What are Watersheds?' activity to compare the lengths and percentage of drainage of the main river systems of South Carolina.
3. Next, they should rank the rivers according to size from the largest to smallest in length.
4. Ask the students if the size of the river can affect the input into the ocean in terms of water velocity, water volume, sediment load and erosion. Discuss answers as a class.