

## Project 1: South Carolina Standards for Mathematics

[10 points]

### Resources

Go to the web-site <http://ed.sc.gov>. This is the main page for almost anything you want to know related to the South Carolina Department of Education. Browse around and see what is there. Now follow the link from the main page to **Curriculum Standards & Accountability** (under Topics). Under **Curriculum Standards and Accountability Links**, find and click **Curriculum and Standards**. There are two places you will want to visit:

1. Under **Content Area Web Pages** beside **Mathematics**, follow the link to **Standards 2007**. Here you will find a collection of files which give specifics about how the NCTM (National Council of Teachers of Mathematics) Standards are to be implemented in South Carolina. You can view the state standards as a Word document by clicking **South Carolina Mathematics Academic Standards**.
2. Under **Programs & Highlights** you will find a link to the “Parents’ Guide to the Standards”. Next, find a link to the **Family-Friendly Standards (2007-2008)**. When you follow this link, you will find a collection of documents for parents, sorted by grade level. Read through some of the expectations for various grade levels. You may find these expectations easier to understand than the standards, themselves. Also, this document provides sample activities to get the parents involved in their child’s learning.

### Questions

1. Whose picture greets you on the SC Department of Education main web page? Who is he or she?
2. What are the five mathematical strands referred to in the Introduction to the Standards?
3. The mathematics standards and indicators for grades three through eight are used as the basis for what statewide assessment?

4. Under Grade 3 Algebra, what is Standard 3-3?

Under Standard 3-3, what is Indicator 3-3.1?

5. Suppose you have a pacing chart for second grade that refers you to an Indicator labeled 2-5.2. What are you supposed to teach?

6. Suppose you are student-teaching fourth grade and are asked to teach Indicator 4-2.4. What are you supposed to teach?

7. In the Family-Friendly Standards, what is the last book recommended to help a second grader learn Mathematics?

8. In the Family-Friendly Standards, what web-site is recommended to the parent of a third grader as an “interactive site with games and a homework helper”?

9. In the Parents’ Guide Glossary, what is Safe Harbor?