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Suggested Implementation Guide for *Southern Explosion* Grade 3

	Week 1	Week 2	Week 3
English Language Arts	Read class novel (read-aloud, shared, and independent reading assignments). Keep readers' response journal.	Continue reading novel. Use graphic organizer to describe main characters and create a timeline of events.	Finish reading novel. Write a narrative essay from the point of view of a Union or Confederate soldier.
Social Studies	Compare/Contrast the economic conditions for various social groups before the Civil War.	Investigate the lifestyle differences for various social groups. Students will play games played by the elite class children: Jacob's Ladder and Cup & Ball. Make a marble from clay to compare toys played with by slave children.	Field Trip to Redcliffe Plantation. Alternate activity: Reenact a significant event in SC such as Sherman's March, the sinking of the Hunley, the blockade of Charleston, or the firing on Fort Sumter.
Math	Pick the seeds from a cotton plant. Compare the time it takes for the seeds to be picked out by hand to the time that it takes for the seeds to be separated using a cotton gin.	After researching the number of casualties from various battles, students will create a bar graph to document the number of casualties in several battles.	Students will determine the elapsed time between making butter from room temperature whipping cream and chilled whipping cream. (<i>Shaking for Butter</i> experiment on Science Buddies website.)
Science	Illustrate the life cycle of a cotton plant. Research the time, season, and procedure for planting cotton.	Classify soils as humus, clay, sand, and silt. Determine what soil would best be used for the growth of cotton. Investigate how to grow cotton. www.cottonacres.com	Investigate the properties of liquids and solids by making butter from whipping cream.* Students may do the experiment <i>Shaking for Butter</i> on the Science Buddies website to explore how temperature affects the time it takes to make butter. (http://www.sciencebuddies.org/science-fair-projects/project_ideas/FoodSci_p050.shtml#summary) Then explore changing butter from a solid to a liquid

			<p>by adding heat.</p> <p>*Sci. background: Changing milk into butter is NOT a change in state/phase. It is simply a separation of the solids (fats in the milk) from the liquids. Technically, milk is not classified as a liquid, but a colloid, in which fat particles are suspended in a water-based solution.</p>
Other	<p>Music: Introduce instruments used around the time of the Civil War.</p> <p>PE: Introduce the first steps of the Virginia Reel.</p>	<p>PE: Continue learning steps to the Virginia Reel. Begin learning portion of the dance where much movement is involved.</p>	<p>PE: Complete learning of dance and assess the students' dance performance.</p>