

## 2016 AFRICAN AMERICAN HISTORY CALENDAR LESSON PLAN TEMPLATE

**Month/Honoree(s):** October/Martha Scott Smith

**Lesson Title:** The Telephone and the Industrial Revolution

**Grade Level/Course:** 3 & 5

**Subject:** South Carolina History and American History

**SC Academic Standards and Skills Addressed:** 2011 SC Social Studies Standards

- Standard 3-5: The student will demonstrate an understanding of the major developments in South Carolina in the late nineteenth and the twentieth century.
- Standard 5-3: The student will demonstrate an understanding of major domestic and foreign developments that contributed to the United States becoming a world power.

**Introductory Statement/Lesson Overview:** Students will understand the importance of new technology in the late nineteenth and early twentieth centuries, specifically the telephone, and how it changed American life.

**Goals/Lesson Objectives:**

1. Students will learn about the Industrial Revolution period of the late 1800s and early 1900's and new inventions that were developed.
2. Students will discover the importance of the telephone and how it changed American life.
3. Students will research how the telephone and other inventions have evolved since their development.

**Lesson Progression and Time Frame:**

Activity 1: Introduce the Industrial Revolution of the late 1800s and early 1900s to students. Focus on key inventors during this time along with their main inventions. Be sure to include Thomas Edison (perfected the light bulb), Alexander Graham Bell (telephone), and Wilber and Orville Wright (airplane). Discuss as a class how these inventions changed the life in the United States. Use the attached worksheet (*Scientists and their inventions- How inventions changed America*) to guide this lesson discussion.

Activity 2: This activity will focus on the creation of telephone companies. Discuss ways that the telephone changed life in the United States. However, in order for people to use the telephone they had to have service with a telephone company. Students will research the beginnings of telephone companies in the United States, beginning with Alexander Graham Bell's company-Bell Telephone Company. Students will also research another telephone

company of their choice. Students will make a media presentation of their research findings focusing on the origins of the two companies (Bell Telephone Company and the student selected company) and how the companies have evolved over the years.

Activity 3: After students have learned about different inventions developed during the American Industrial Revolution of the early twentieth century they will choose one invention to research extensively. Students will research the origin of the invention, who invented it, why it was invented, and how it has evolved over time. Students will make a multimedia presentation of their findings. Use the attached table for invention ideas.

### **Extensions/Differentiation**

- As part of a character development/good character lesson discuss the many different awards Mrs. Smith has received in her lifetime. Older students can research the qualifications of these awards and how Mrs. Smith qualified. Younger students can discuss what good character traits are and how to be a good citizen.

### **Assessment:**

- Activity one can be taken as a grade, discussed with peers, or discussed as a class.
- Activities two and three involve students making multimedia presentations that can be presented to the class.

\*Please include any additional web resources you found particularly helpful. They will be included in a separate document.

- Scholastic History Mystery Activity Interactive Game
  - This interactive game allows students to discover different inventions developed during the Industrial Revolution.
  - Use the following link and choose Twentieth Century Inventions
  - <http://teacher.scholastic.com/histmyst/>

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Scientists and their inventions- How inventions changed America

	Most Important Invention	Invention Description	Invention's impact on the US economically	Invention's impact on the US militarily
Thomas Edison				
Alexander Graham Bell				
Wilber and Orville Wright				

Which of the above inventors do you think made the greatest impact on the United States through his invention? Why?

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Person	Invention	Date
Samuel F. B. Morse	Telegraph	1836
Elias Howe	Sewing Machine	1844
Alexander Graham Bell	Telephone	1876
Thomas Edison	Phonograph, First Long-Lasting Incandescent Light Bulb	1877, 1879
Nikola Tesla	Induction Electric Motor	1888
Rudolf Diesel	Diesel Engine	1892
Orville and Wilbur Wright	First Airplane	1903
Henry Ford	Model T Ford, Large-Scale Moving Assembly Line	1908, 1913

Table adapted from: <http://americanhistory.about.com/library/charts/blchartindrev.htm>