



Title: African American Inventors

Subject: ELA & Social Studies

Lesson Plan:	African American Inventors
Subject:	American History
Grade:	4
Description/ Abstract of Lesson	Students will identify African-Americans that are responsible for many ideas and inventions that are still used in today's society. Students will learn about African-American inventors and the objects they created. Throughout American history, many African-American inventors created inventions that bettered American society
SS.4.A.1.1	Analyze primary and secondary resources to identify significant individuals and events throughout Florida history.
LA.4.6.4.1	Use appropriate available technologies to enhance communication and achieve a purpose (e.g., video, presentations)
Objective(s):	Students will learn about inventions created by African Americans.
Materials:	<ul style="list-style-type: none"> ● Computer for researching sites ● Paper ● Pencil
Duration:	● 2 class periods
Lesson Lead In/ Opening: Lesson Background Information	<p>Have students Learn about 8 Black Inventors Who Made Daily Life Easier have them to visit the following site, click here: 8blackinventors</p> <p>Have students watch the video: 15 inventions created by Black Americans 15inventionscreatedbyblackamericans</p> <p>Historical Background for the Teachers: During slavery, most black slaves were denied formal education and in fact many laws were passed in the South prohibiting slave literacy in the aftermath of various slave rebellions. Even free blacks in the century before and after the Civil War were limited in their access to mainstream, quality education and vocational training. This limited education and training meant for the most part, blacks were shut out of professional occupations and confined to working in industries deemed acceptable for them, such as domestic services, some manual trades, and agriculture. Nevertheless, a small number of exceptionally talented blacks were able to obtain an education and, through their life's work, make significant contributions to American life.</p> <p>For example, share about the life of Sarah Boone, improved Ironing Board, Invented by Sarah Boone in 1892 The ironing board is a product that's used possibly just as much as it's overlooked. In the late 19th century, it was improved upon by Sarah Boone, an African-American woman who was born a slave. One of the first black women in U.S. history to receive a patent, she expanded upon the original ironing board, which was essentially a horizontal wooden block originally patented in 1858. With Boone's 1892 additions, the board featured a narrower and curved design, making it easier to iron garments, particularly women's clothing. Boone's design would morph into the modern ironing.</p>
Activity 1:	<p>Ask students to research African American inventions/inventors , ask students to answer the following questions below:</p> <ol style="list-style-type: none"> 1. How might life be different if without all the inventions around? 2. What invention(s) might they find it hard to live without? 3. How are inventions patented and how are inventors recognized?
Activity 2: Project based learning	<p>Ask students to identify items used daily in their homes and or classroom, place a picture of those items on a poster board and ask students to label them by the people who invented them.</p> <ol style="list-style-type: none"> 1. Students will read or listen to information about specific inventors and relate these items to their daily uses. 2. Students will use the computer/magazines to print to research one African-American inventor and create a report and or poster on him/her. 3. Students will create a timeline showing inventions by African-Americans and their relationship to political events. 4. Will identify obstacles that often hindered African-American inventors.
Activity 3: Create flash cards	Have students place a picture of the invention on the front of the card, have students write a blurb about the invention and the inventor.
Web Resources	https://www.black-inventor.com/