

## Respect the Past Create the Future Notable Book Lesson Plan Template

Date: 9/17/20

Grade Level/Age: 4<sup>th</sup> Grade

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Subject: Social Studies

Overall Lesson Goals: The overall lesson goal of this lesson is for students to understand how technology advances impacted society.

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| <p><b>Book Title and Summary:</b></p>  | <p>“100 Inventions That Made History”<br/>This book is a non-fiction picture book with information about each invention in technology, who invented it, and how it progressed through time.</p>  |
| <p><b>NCSS Standards:</b></p>  | <p>Determine the impact of population growth on cities, major road systems, demographics, natural resources, and the natural environment of Alabama during the late twentieth and early twenty-first centuries.</p> <ul style="list-style-type: none"> <li>• Assess how technological advancements brought change to Alabamians, including the telephone; refrigerator; automobile; television; and wireless, Internet, and space technologies.</li> </ul>   |
| <p><b>Lesson Objectives:</b></p>   | <ol style="list-style-type: none"> <li>1. Students will identify key inventions that have changed society.</li> <li>2. Students will express the impact and connection between technology, and how it changed the lives of Alabamians.</li> </ol>  |
| <p><b>Material Needed:</b><br/>(e.g. Pictures of books, manipulatives, equipment, worksheets, puzzle boards, game boards, supporting digital files, Smartboard or Promethean lesson files, PowerPoint, picture files, etc.,)</p> | <ul style="list-style-type: none"> <li>• Multiple copies of the book “100 inventions That Made History”</li> <li>• Chromebook or Ipad for each group of students (4 students per group)</li> <li>• Research guide questions for students to look up</li> <li>• Picture cut outs of old inventions (old picture of telephone, refrigerator, automobile, television)</li> </ul>  |
| <p><b>Procedures:</b><br/>(Include procedures for differentiating instruction)</p>   | <p><b>Exploration/Introduction:</b></p> <ol style="list-style-type: none"> <li>1. Teacher will group students into groups of 4.</li> <li>2. Each group of students will get a picture cut out of an old invention and be asked to talk to each member of the group about what they think it is, and what was it used for</li> <li>3. Students will talk in groups as teacher walks around the room probing them with questions</li> <li>4. After students have time to talk, teacher will ask each group to share their thoughts with the group</li> <li>5. Teacher will then ask what all of these inventions have in common: focusing on the similarities of technology, inventions, all have a purpose to make something easier</li> <li>6. Introduce lesson about technology advances and the effect it had on technology</li> </ol> |

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|                              | <p>7. Differentiation will come from strategic grouping, research questions provided, specific websites students can find research on, and additional support from teacher</p> <p><b>Lesson Development:</b></p> <ol style="list-style-type: none"> <li>1. Teacher will read specific pages from the book as students read along in groups focusing on inventions, how they came about, and what they did for society</li> <li>2. Teacher will probe students to think about what society did BEFORE these inventions were made</li> <li>3. Students will be assigned an invention, and will be handed a research guide activity sheet where students will have to research with their group the following information: <ul style="list-style-type: none"> <li>• What is your invention?</li> <li>• When was it invented?</li> <li>• How did society change because of this invention?</li> <li>• Who invented it, and why?</li> <li>• Does this invention still exist? How has it advanced?</li> </ul> </li> </ol> <p><b>Expansion:</b></p> <ol style="list-style-type: none"> <li>1. <i>As students are researching their inventions, they will put their research into a google slides presentation that will include the research question answers, any interesting facts, and pictures they want to include</i></li> <li>2. <b>Students will learn from each other as they present their inventions</b></li> </ol> |
| <b>Assessment:</b>           | <ul style="list-style-type: none"> <li>• <b>Exploration/Introduction: Teacher will assess using whole group discussion to and listening to group discussions to determine how much background knowledge students have</b></li> <li>• <b>Lesson Development: Teacher will assess student understanding through research answers and group discussions.</b></li> <li>• <b>Expansion: Teacher will assess using a rubric to grade each group presentation focused on information and research &amp; presentation to assess mastery of students ability to identify key inventions that have changed society, and how they impacted daily life.</b></li> </ul>  |
| <b>Additional Resources:</b> |   |