**ACE** Research Project: Inventors of America

Due:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

We will be researching inventors and their inventions. You must create a presentation to demonstrate your research and knowledge of this inventor and their invention. This project will be an individual presentation. All of the templates in this packet must be filled out in order to begin the rough draft of your presentation. The source list must also be completed with your final project. Each presentation should include at least one photo of the inventor and their invention (printed or drawn.)

After completing your presentation, you will create a prototype/model of the invention.

Choose one of the following presentations or formats below:

* PowerPoint Presentation (at least 8 slides from your research)

Share final PowerPoint to [bowmaav@richmond.k12.ga.us](mailto:bowmaav@richmond.k12.ga.us) on due date.

* Poster Board Display Text should be typed or very neatly written. Highlight at least 8 points from your research.
* Portfolio (Must be typed) This is a collection of photos, documents, research information, etc. about the inventor and invention. At least 8 pages and highlights.

I will show examples of each of the presentation options as a guide in class this week! 😊

IMPORTANT TO REMEMBER:

The source list ***must*** be completed and included with all final presentations.



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Even though you use sources in your research, be sure to also write using your own words and voice.



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We will work on this project in class, however, you are responsible for working on the project at home, as well.



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RESEARCH PROJECT STEPS:

1. Choose an inventor.
2. Choose your presentation format.
3. Begin research of inventor and invention.
4. Organize research using the templates.
5. Complete rough draft of presentation.
6. Complete final draft of presentation.
7. Begin protoype/model of the invention.
8. Complete prototype/model of the invention.
9. Present final presentation and prototype to the class.

----------------------------------------------------------------

Once you have made your project choice, fill out the following:

Your Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inventor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Invention:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Type: (PPT, Poster or Portfolio) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inventor Choices and Their Inventions

Willis Carrier- Air conditioning

Carl Benz- Automobile

Robert Fulton- Steamboat

Dr. Jonas Salk- Polio Vaccine

Eli Whitney- Cotton Gin

Orville and Wilbur Wright- Airplane

Mary Anderson- Windshield Wipers

Earle Dickson- Band-Aid

Richard Drew- Masking Tape

Joseph Gayetty- Toilet Paper

Bartolomeo Cristofori- Piano

Jean Pierre Blanchard- Parachute

James Harrison- Refrigerator

Rene Laennec- Stethoscope

Adolphe Sax- Saxophone

Elias Howe- Sewing Machine

Otto Wichterie- Contact Lenses

John Loud- Ball Point Pen

Karl von Drais- Bicycle

Schuyler Skaats Wheeler- Electric Fan

Peter Henlein- Watch

Henry W. Seeley- Electric Iron

Percy Spencer- Microwave

John Lee Love- Pencil Sharpener

Thomas Steward- Mop

Philip Downing- Mailbox

Anders Celsius- Centigrade Scale

Elisha Otis- Elevator

Igor Sikorsky- Helicopter

Joseph & Etienne Montgolfier- Hot Air Balloon

Research Template: Biography of Inventor:

(Things to Include in your Presentation)

Full Name:

Date of Birth:

Invention:

Year of Invention:

Hometown:

Childhood Details:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Education: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Hobbies:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Motivation:

How their invention started or why they wanted to be an inventor:

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Impact:

How has their invention helped others or changed things in the economy, society, our lifestyles, etc.?

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Other Inventions Attempted or Created:

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Fun Facts: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Why I Chose This Inventor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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How I am Like This Inventor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Sources Page:

This page is to list the sources that you used to find your research. You must have at least 2 ( two ) different sources.

* Sources can be books or online websites.
* Avoid using only “Google.com” to cite or give credit. Instead, share what website from Google that you used specifically.
* Make sure the websites are reliable and credible.
* Wikipedia is not a reliable source for this project.
* If you use a website: include the full web address and the title of the article or webpage (check the website with the teacher before starting research.)
* If you use a book; include the title of the book, the author, and page numbers used.

My Sources:

1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Helpful Websites:

<http://www.american-inventor.com/>

<http://www.enchantedlearning.com/inventors/usonly.shtml>

<http://www.ushistory.org/us/25c.asp>

<http://wwwbiography.com/people/groups/famous-inventors>

<http://www.women-inventors.com/>

<http://www.smithsonianeducation.org/spotlight/inventors1.html>

<http://www.toptenz.net/top-10-greatest-inventors-in-history.php>

Inventor Project: Rubric

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements: | Met: | Partially Met: | Not Yet Met: |
| Templates, rough draft and source list were completed and one time (30 pts) |  |  |  |
| Final project turned in on time (10 pts) |  |  |  |
| Presentation to class was clear, organized and on topic (10 pts) |  |  |  |
| All information from template was included in presentation (20 pts) |  |  |  |
| Final project was written in your own words and includes voice (sounds like you wrote it) (10 pts) |  |  |  |
| Project is neat and shows time and effort (10pts) |  |  |  |
| Free of spelling, punctuation, and capitalization errors (10pts) |  |  |  |

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Points Received: \_\_\_\_\_\_\_\_\_/100 points possible

Comments: