

Name _____

8th Grade Research Project Syllabus

“C” Layer activities - 1 – 7 are required. 79 points MAX in this category. 70 points required in the “C” layer to receive points in layers “B” or “A.”

- _____ 1. Study Guide for Research Project Unit, **1 point per page, 12 points total**
- _____ 2. Notes & Quotes Activity, **5 points**
- _____ 3. Inventor/Invention Research Notes Handout, **5 points**
- _____ 4. Outline Practice Handout, **5 points**
- _____ 5. MLA Works Cited Assignment, **5 points**
- _____ 6. Top Ten Things To Know About This Inventor, **10 pts**
- _____ 7. Research Quiz, **15 points**

Total for Activities 1-7= 57 pts
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_____ **Watch** any of the following Discovery Education videos, take notes and write a paragraph summary of what you learned about persuasive writing from the video. Turn in your notes with the summary. **2 pts. each video** (max. 4 total videos)

- Georgia Contestant Matthew McGurthy
- Important Inventions
- Protecting Soldiers
- Razors
- The Invention of Television
- The Invention of Sail and Exploration
- Velcro
- Morse Code & Building the Capitol Rotunda

www.unitedstreaming.com User ID: last name+11 (Ex: bild11) password: awesome

_____ **Read any of the following articles** online and take notes. Write a summary of what you learned from the article and turn it in along with your notes, **2 pts each.**

Teenager invents £23 solar panel

<http://www.dailymail.co.uk/sciencetech/article-1212005/Teenager-invents-23-solar-panel-solution-developing-worlds-energy-needs-human-hair.html>

Really cool invention brings teens awards

http://www.sltrib.com/utah/ci_2841984

Can innovation be taught

http://www.education.com/magazine/article/Inventive_Kids/

Teen girls send edible invention into space

<http://eatocracy.cnn.com/2011/05/16/teen-girls-send-edible-invention-into-space/>

_____ **Draw a portrait** of the inventor you chose. Do not pick this option if you are only capable of stick figures. This is option is for students who enjoy art and truly trying their best. **3 pts**

_____ **Create a map** of the area where the inventor grew up. Include famous landmarks and any places that would have been important to the inventor. **2pts**

_____ **Illustrate a family tree.** Create a family tree for your inventor. Research as far back as you can and include as many relatives as possible. **5 pts.**

_____ **Write a diary.** Create a diary of at least five entries that your inventor might have kept when he or she was working on the invention. **2 pts.**

_____ **Write the recipe for an inventor.** Ask Mrs. Bilden for the handout for this assignment. **2 pts.**

_____ **Create a “Facebook”** page for your inventor. Ask Mrs. Bilden for the handout that includes directions. **2 pts**

_____ **Create a timeline.** Create a timeline that shows the most important inventions of a century of your choice. **2pts**

Name _____

_____ **Write a poem or a rap** about the inventor or invention. Minimum of 12 lines. 2 pts

“B” Layer Activities

Choose ONE for **10 points** - points earned will be determined by the quality of your work. Follow the instructions, and be sure to show what you have learned about research.

_____ **The Most Important Invention.** What do you believe is the most important invention of all time? Prove it with your research and credible sources.

_____ **What is a patent?** Find out what a patent is and how you would go about getting one. Create an informational brochure that would define a patent and explain to an aspiring inventor how to go about getting one. Be sure to cite sources.

_____ **The Year of the Inventor.** What was it like to live in the time of your inventor? Describe the society he or she lived in-the politics, culture, fashion, etc. Don't forget about citing sources.

_____ **Create a blog** and write in the blog a minimum of three times a week for two weeks about what you are learning in this research unit.

_____ **Become an inventor.** Create your own invention. Draw it, model it out of clay or cardboard, or whatever works. Write up a description that tells what it is, how it works, and why it is important.

“A” Layer Activity

20 pts. All About the Invention. For this assignment you will write a minimum of 2 pages about the invention or discovery of your inventor. Describe what it is, what it does or did, why it is important, how did the inventor discover it or create it, etc. Requirements for this part of the project include: 2 pages typed double spaced or the equivalent, notes, outline, and a works cited page.

_____ Two Pages, typed double-spaced with additional illustrations or pictures of the invention.

_____ Web page or site, must include minimum of two pages of text and include illustrations or pictures

_____ Power point presentation, must include minimum of two pages of text and illustrations or pictures.

_____ Poster board or collage, must include minimum of two pages of text and illustrations or pictures.

Your final product must reflect your understanding of the research process.

Grading for A layer:

5 points: grammar, neatness, creativity, following instructions

5 points: works cited page

5 points: notes and outline

5 points: elements of research

Grading: 93 - 100 = A 86 - 92 = B 78 - 85 = C 70 - 77 = D 0 - 69 = F

You are not guaranteed to receive the points allotted to each activity. You must demonstrate that you learned from the activity, and you must show you expended effort to complete the activity. This assignment is due **Wednesday, April 18, 2012**. If you are absent on 4-18-12, your work is due the first day you return to school. –one letter grade each day late.

Any assignments that are copied or plagiarized will result in a zero for that assignment.