**Famous Scientist or Inventor**

**Who:** All sixth grade Pre- AP science are expected to complete this project.

**What:** A project highlighting the contributions of men and women from around the world to the development of science.

**Requirements:** Identify a male or female scientist or inventor that has made a contribution to the advancement of science.

**When:**

Project Assigned\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scientist researched\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Outline Due\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wanted Poster Due\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1 page paper Due\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **Research:**

1. Birth date and place of birth
2. Date of death (if alive; indicate where they are presently living)
3. List 2-4 important dates **excluding** the dates in “b” above. Identify why these dates are important.
4. Identify what country the scientist or inventor came from.
5. List awards or recognition the scientist or inventor received.
6. Identify the area of science that this scientist or inventor is known for.
7. Identify the contributions the scientist or inventor is recognized for.
8. Identify any hardships the scientist or inventor over came in their career.
9. Identify one additional interesting fact about your selected scientist or inventor.

**Wanted Poster:**

* Poster must be on a sheet of paper given to students in class **5pts.**
* Mug shot – we need to know what the scientist looks/ed like. **5pts.**
* First, Middle and last name of your scientist

**2.5pts.**

* Birth date and year of death or if still alive

**2.5pts.**

* What country were they born in and where did they do their work. **5pts**
* What are they famous (wanted) for? **15pts**
* A fact that you found interesting OR a quote by that person **5pts**
* Attractive presentation of info **7.5pts**
* your name on the bottom right corner **2.5pts**
* **Do not write information in pencil**

**Research Paper**

* completed outline turned in by deadline **20pt**
* 1 page research paper, single sided hand written or typed, single spaced, font size 12  **25pts**
* **Bibliography page 7.5pts**
* Your name & hour on the TOP right **2.5pts** corner

**This is only a partial list. You may choose someone else if you like.**

Nicolas Copernicus

Alexander Graham Bell

Marie Curie

John Flamsteed

Albert Einstein

Niels Bohr

Dimitri Mendeleev

Alfred Nobel

Robert Boyle

Charles Darwin

Louis Pasteur

Edwin Hubble

Ben Franklin

Elizabeth Blackwell

Carl Sagan

Gregor Mendel

Tycho Brahe

Thomas Alva Edison

Nicola Tesla

Johannes Kepler

Bill Gates

Isaac Newton

Archimedes

Jane Goodall

Galileo

Aristotle

Jonas Salk

Leonardo da Vinci

**OUTLINE**

Name of Scientist/Inventor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Area of Science \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Personal Information (birth and death, family, country, etc)
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Education and Jobs (list dates and places)
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. Important Life Events and Accomplishments with dates included
13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
19. Quote or interesting fact about the person

**Research – How to give credit in your Bibliography**

You must document EVERY resource you use for information. When you take someone else’s work and pass it off as your own, it is called Plagiarism. To avoid this, you must give credit to the author. Before we begin our research, we must learn how to cite our sources.

**Books**

Author’s last name, first name. Book title. City where published:

Copyright date.

**Internet Source**

# Author’s last name, first name. “Title of article.” Title of web site.

# Date of website publication. Web site URL.

EXAMPLE:

Oakley, John H. “The Achilles Painter.” The Zeus Project. March

1997. <http://www.zeus.tufts.edu>.

**RUBRIC FOR GRADING THE PROJECT**

**PreAP scientist poster**

* Mug shot – 5 4 3 2 1 0 pts
* Full name of scientist – 5 4 3 2 1 0 pts
* Birth and death – 2 1 0 pts
* Country of birth & where worked 4 3 2 1 0 pts
* Why is he/she famous? 5 4 3 2 1 0 pts
* Interesting fact or quote - 4 3 2 1 0 pts
* Attractive presentation - 5 4 3 2 1 0 pts

TOTAL \_\_\_\_/30

**Research Paper Outline**

* Completed outline - 10 9 8 7 6 5 4 3 2 1 0 pts

TOTAL \_\_\_\_\_/10

**Research paper biography**

* Approximate 1 page in length - 5 4 3 2 1 0 pts
* Written like a story, not a list - 5 4 3 2 1 0 pts
* Birth and death, plus 2 to 4 important dates - 5 4 3 2 1 0 pts
* Area of science he/she focused on and contributions made to science - 10 9 8 7 6 5 4 3 2 1 0 pts
* Any hardships or interesting facts - 2 1 0 pts
* Works cited 3 2 1 0

TOTAL \_\_\_\_\_/30

 **OVERALL \_\_\_\_/ 70 \_\_\_\_ % \_\_\_**