Famous Scientist Wanted Poster Quarter Project

Name: _________________________________  My Scientist: _________________________________

Poster Due Date: Monday, December 17th  Extra Credit: +10 if completed by 10/29; +5 if completed by 11/5
Presentation Preparation: Monday, December 17th  Presentations: Tuesday, December 18th

Poster Requirements:
- Full standard piece of poster board (22”x28”) – any color
- Scientist’s full name (first, middle and last)
- Pictures of your scientist (2 – 3) – can be printed or neatly drawn
- One or more pictures of what your scientist invented or worked on – can be printed or neatly drawn
- His /her birthday – date of death (or age if still living)
- Where is your scientist from?
- Where did your scientist perform his/her work or research?
- What is your scientist famous for? Write two or more paragraphs describing why your scientist is famous or “wanted”. What did he/she discover, invent or contribute to society. This is the most important part of the poster and will be rated out of the 20 points possible.
- A quote by your scientist
- What school did your scientist attend?
- Family information – husband/wife, children, parents, brothers and sisters
- What else was going on in history when the scientist was famous?
- Did your scientist work alone or with other scientists? With whom did they work?
- Are there any museums, buildings, or other places that are named after your scientist?

Project Grading:
- Your grade is based on the above information and is graded by the checklist found on the back.
- Some sections are graded more subjectively; neatness, colorful, and the overall quality and detail in the researched information fall in this category.
- NOTE: IT IS UNDERSTOOD THAT NOT ALL OF THE INFORMATION ABOVE IS AVAILABLE FOR EACH AND EVERY SCIENTIST. FOR EXAMPLE, IF THERE WERE NO BUILDINGS OR MUSEUMS NAMED AFTER YOUR SCIENTIST, YOU MUST SAY SO! OTHERWISE, IT LOOKS LIKE YOU SKIPPED THAT PART OF THE RESEARCH!

Scientists:
- Watson and Crick
- Rosalind Franklin
- Charles Darwin
- George Washington Carver
- Joseph Priestly
- Sir Francis Bacon
- Sir Isaac Newton
- Dmitri Mendeleev
- Gregor Mendel
- Niels Bohr
- Robert Boyle
- Stephen Hawking
- Louis Leakey
- James Joule
- Lord William Thomson Kelvin
- Anton van Leeuwenhoek
- Ernest Rutherford
- James Watt
- JJ Thompson
- Thomas Edison
- Anders Celsius
- John Dalton
- Albert Einstein
- Bill Gates
- Robert Hooke
- Alexander Bell
- Marie Curie
- Jane Goodall
- Georg Simon Ohm
- Nikola Tesla
- Sally Ride
- Blasé Pascal
- Alessandro Volta
### Poster Design and Graphic Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>YES</th>
<th>NO</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full piece of poster board – any color</td>
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<td>4</td>
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<tr>
<td>Pictures of your scientist – 2-3 (printed or neatly drawn)</td>
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<tr>
<td>Picture of what your scientist worked on or invented – 1 (printed or neatly drawn)</td>
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<tr>
<td>Colorful – crayons, markers, colored pencils, paint, colored paper, or borders used</td>
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<tr>
<td>Neatness – sections of poster are straight and even; all cuts are neat and well thought out</td>
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<tr>
<td>Neatness – words are easy to read (neatly handwritten or printed)</td>
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<tr>
<td>Neatness – no pencil is used anywhere for the text</td>
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<td></td>
<td>2</td>
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<tr>
<td>Other – accurate spelling and grammar</td>
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<td>4</td>
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</table>

### Poster Information Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>YES</th>
<th>NO</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Wanted” at the top of the poster</td>
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<tr>
<td>Scientist’s full name (first, middle, last)</td>
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<tr>
<td>Background – scientist’s birthday &amp; date of death (or age if still living)</td>
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<tr>
<td>Background – where your scientist is from</td>
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<tr>
<td>Family – members of the family that were important to your scientist (husband/wife, children, parents, brothers, and sisters)</td>
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<tr>
<td>Education – what school(s) your scientist attended</td>
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</tr>
<tr>
<td>Career – where your scientist performed his/her work</td>
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<td>4</td>
</tr>
<tr>
<td>Career – what your scientist is famous for (2+ paragraphs describing why your scientist is famous or “wanted”. Include discoveries/inventions/contributions to society). This is the most important part of the poster and will be rated out of the 20 points possible.</td>
<td></td>
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<td>20</td>
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<tr>
<td>Career – other people with whom your scientist worked</td>
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<td>4</td>
</tr>
<tr>
<td>History – what else was going on in history when your scientist was famous</td>
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<td>4</td>
</tr>
<tr>
<td>Other – museums or places named after your scientist</td>
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<tr>
<td>Other – a quote by your scientist</td>
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<tr>
<td>Research – information provided is accurate</td>
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<tr>
<td>Other – your full name and class period in the bottom right of the poster</td>
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<tr>
<td>Other – has this checklist on Tuesday, December 18th (can be printed online!)</td>
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<td>-5</td>
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**CHECKLIST TOTAL** ____/ 100
Oral Presentation Guidelines

Any Speech should contain the following:

___/5  Introduction: Greet the audience with a smile. Explain what you are about to discuss. You should develop three main points to convey to the audience. You may want to say, “I’m going to discuss three main aspects of golfing; they are ones stance, swing, and follow-through”. This sets the audience up and prepares them to listen. **Grab their attention.**

___/5  Main body: This is where you will discuss in detail the facts of your research. In the above example, one would discuss all the facts concerning the stance, then the swing and finally the follow-through. Be sure to include facts and discussion in detail. Show the audience that you know what you are talking about. **Demand respect.**

___/5  Conclusion: Summarize what you have already told you audience. Smile, include gestures and prepare the audience for the closing. Voice pitch is important. **Time to close the deal!**

All speeches should include the following:

___/2  Eye Contact: Look at everyone in the audience. If you cannot look at the audience, find a spot on the wall, slightly above their heads and focus on it. **Do not read the speech.**

___/2  Voice Projection: Speak loud and clear. Because our voice travels quickly, slow down!! Pause between important words and when listing words or phrases.

___/2  Gestures: Include body movements, facial movements, and hand movements. This will add interest. (Remember, don’t add too many gestures).

___/2  Voice Pitch: Raise and lower your voice as needed. If you speak with the same tone of voice, it is boring and difficult to set through.

___/2  Practice: A good speaker always practices... but then any affective person practices whatever they are good at.

___/5  Presentation Outline (back): Presentation outline is completed and NOT used for the actual presentation of the famous scientist.

**Time (2-3 minutes): ____  Presentation Total: ___/30**
FAMOUS SCIENTIST PRESENTATION OUTLINE

YOUR NAME: ________________________  SCIENTIST: ____________________

INTRODUCTION - ATTENTION GRABBER:

- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________

MAIN IDEA 1: WHY THE SCIENTIST IS FAMOUS

SUPPORTING DETAILS:

- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________

MAIN IDEA 2  YOUR CHOICE:

SUPPORTING DETAILS:

- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________

MAIN IDEA 3  YOUR CHOICE:

SUPPORTING DETAILS:

- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________

CONCLUSION / SUMMARY:

- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________
- ________________________________________________________________