FAMOUS CHEMIST RESEARCH ASSIGNMENT

In partners choose 2 of the following chemists and create a presentation describing their lives and work. You should be able to argue which of the chemists had the biggest impact on the chemistry community when you are finished your research.

1. YOU: ___________________________
   YOUR PARTNER: ___________________________
   Scientist 1: ___________________________
   Scientist 2: ___________________________
   Amedeo Avogadro
   Joseph Black
   Robert Boyle
   Robert Wilhelm Bunsen
   Melvin Calvin
   Henry Cavendish
   Marie Curie
   Peter Debye
   Emil Erlenmeyer
   Michael Faraday
   Antoine Lavoisier
   Dmitri Ivanovich Mendeleev
   Louis Pasteur
   Linus Pauling
   Joseph Priestley
   William Ramsay
   Ernest Rutherford
   Carl Wilhelm Sheele
   Aristotle
   Isaac Newton
   Democritus

2. Presentation Type: ___________________________
   Poster   Power-Point   Essay   Storybook   ????

3. Information required for each chemist:
   _____ Name (1 mark)   _____ Birth-date (1 mark)   _____ Date of death (1 mark)
   _____ University(s) attended (1 mark)   _____ Contributions to chemistry (4 marks)
   _____ Awards won (1 mark)   _____ 3 Interesting Facts (1 mark)

4. Opinion: (each partner must write their own opinion section; minimum 100 words)
   _____ Which scientist has had the biggest impact on the chemistry community?
   _____ 3 facts to support your opinion

<table>
<thead>
<tr>
<th>Opinion Rubric</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information</td>
<td>All information presented in the opinion was clear, accurate and thorough.</td>
<td>Most information presented in the opinion was clear, accurate and thorough.</td>
<td>Most information presented in the opinion was clear and accurate, but was not usually thorough.</td>
<td>Information had several inaccuracies OR was usually not clear.</td>
</tr>
<tr>
<td>Use of Facts/Statistics</td>
<td>Every major point was well supported with several relevant facts, statistics and/or examples.</td>
<td>Every major point was adequately supported with relevant facts, statistics and/or examples.</td>
<td>Every major point was supported with facts, statistics and/or examples, but the relevance of some was questionable.</td>
<td>Every point was not supported.</td>
</tr>
<tr>
<td>Organization</td>
<td>All arguments were clearly tied to an idea (premise) and organized in a tight, logical fashion.</td>
<td>Most arguments were clearly tied to an idea (premise) and organized in a tight, logical fashion.</td>
<td>All arguments were clearly tied to an idea (premise) but the organization was sometimes not clear or logical.</td>
<td>Arguments were not clearly tied to an idea (premise).</td>
</tr>
</tbody>
</table>

**Marking Guide:**

Your Chemist’s Information: /10
Opinion: /12
Total: /22