

Choice #1 Atomic VIP

| Strengths - What do you think you did well? | Learning Target | Stretches |
|---|--|--|
| You state a clear opinion You explained how a contribution from a scientist <u>changed our understanding of the world</u> | <i>I can use scientific understandings to identify relationships and draw conclusions.</i> Mastering Refining Developing Acquiring | Explain why he was MORE important than the others? Be sure to explain how the contribution has helped our world |
| You backed your opinion with scientific facts You clearly communicate your conclusion based on evidence | <i>I can demonstrate an understanding and appreciation of evidence.</i> Mastering Refining Developing Acquiring | Ensure you are backing your opinion with many solid facts Deepen your research do you have enough evidence to make a clear point |
| You worked in tandem with your partner You showed great leadership skills | <i>I can collaborate with a partner</i> Mastering Refining Developing Acquiring | Maybe find a partner who will share the work equally next time to push your thinking! Don't let your partner down by not working! |

Choice #2 Modern Matters

| Strengths - What do you think you did well? | Learning Target | Stretches |
|---|--|--|
| You state a clear opinion You explained how a contribution from a scientist <u>changed our understanding of the world</u> | <i>I can use scientific understandings to identify relationships and draw conclusions.</i> Mastering Refining Developing Acquiring | Explain why he was MORE important than the others? Be sure to explain how the contribution has helped our world |
| You backed your opinion with scientific facts You clearly communicate your conclusion based on evidence | <i>I can demonstrate an understanding and appreciation of evidence.</i> Mastering Refining Developing Acquiring | Ensure you are backing your opinion with many solid facts Deepen your research do you have enough evidence to make a clear point |
| You worked in tandem with your partner You showed great leadership skills | <i>I can collaborate with a partner</i> Mastering Refining Developing Acquiring | Maybe find a partner who will share the work equally next time to push your thinking! Don't let your partner down by not working! |

Choice #3 Time Traveler

| <i>Strengths - What do you think you did well?</i> | <i>Learning Target</i> | <i>Stretches</i> |
|---|---|---|
| You created an accurate timeline to explain evolution of scientific thought You were able to tell, in detail, the contribution of each scientist | <i>I can construct and use a range of methods to represent patterns or relationships.</i> Did you: Mastering Refining Developing Acquiring | Be sure to make your timeline accurate by spacing out the years correctly Add details to flush out the contribution of each scientist |
| You clearly communicate the evolution of the atomic theory You used images that enhance your ideas to tell about the evolution clearly | <i>I can communicate findings.</i> Did you: Mastering Refining Developing Acquiring | Ensure you include all of the important dates and contributions Try using images that enhance your ideas to tell about the evolution clearly |
| You worked in tandem with your partner You showed great leadership skills | <i>I can collaborate with a partner</i> Mastering Refining Developing Acquiring | Maybe find a partner who will share the work equally next time to push your thinking! Don't let your partner down by not working! |

Choice #4 Solid Gold

| <i>Strengths - What do you think you did well?</i> | <i>Learning Target</i> | <i>Stretches</i> |
|--|--|---|
| You gave a strong explanation of the experiment You explained how the experiment helped the scientist add to the theory You used scientific language when communicating about this topic | <i>I can communicate ideas and findings using scientific language.</i> Mastering Refining Developing Acquiring | - Take your time to explain the experiment carefully and with details - Explain how the experiment gave new ideas to the theory - Always use correct scientific language when communicating about scientific topics |
| You worked in tandem with your partner You showed great leadership skills | <i>I can collaborate with a partner</i> Mastering Refining Developing Acquiring | Maybe find a partner who will share the work equally next time to push your thinking! Don't let your partner down by not working! |

Choice #5 Get Electrified!

| Strengths - What do you think you did well? | Learning Target | Stretches |
|--|---|--|
| You gave a strong explanation of electrons, leptons, neutrons, protons, and quarks You explained where they are in the atom and their charges You used scientific language | <i>I can communicate ideas and findings using scientific language.</i> Mastering Refining Developing Acquiring | - Show your creativity - Make sure you explain all of these particles clearly - Try to show where they are in the atom and what their charges are - Always use correct scientific language when communicating about scientific topics |
| You worked in tandem with your partner You showed great leadership skills | <i>I can collaborate with a partner</i> Mastering Refining Developing Acquiring | Maybe find a partner who will share the work equally next time to push your thinking! Don't let your partner down by not working! |

Choice #6 My Curiosity

| Strengths - What do you think you did well? | Learning Target | Stretches |
|---|--|--|
| You wrote a deep thinking question that inquires into the world and can be solved through inquiry - address a problem | <i>I can identify a question to answer or a problem to solve through scientific inquiry</i> Mastering Refining Developing Acquiring | - Write a deep thinking question - this is <u>very important for inquiry</u> - Go deeper into the problem and/or why you chose this question - Find more sources - Solve the problem |
| - Explain observations to lead your thinking - Research to find information about your question - Write a thoughtful "answer" to your inquiry | <i>I can make observations aimed at identifying their own questions about the natural world</i> Mastering Refining Developing Acquiring | - Research or experiment more - Come up with a clear answer |
| You worked in tandem with your partner You showed great leadership skills | <i>I can collaborate with a partner</i> Mastering Refining Developing Acquiring | Maybe find a partner who will share the work equally next time to push your thinking! Don't let your partner down by not working! |