

## Project Components:

Background Information Graphic Organizer

Superhero Creator Graphic Organizer

Image, Picture, Drawing or Model of Atom

Written Summary of Superhero

Image, Picture, Drawing or Model of Superhero/Villain

## Project Rubric:

Outcome	NY	MS	ES
<p><b>Communicate</b> – I am able to communicate ideas and information while being mindful of audience and purpose.</p>	<p>My writing DOES/IS NOT:</p> <p><input type="checkbox"/> I used 5 or fewer element characteristics to create my character</p> <p><input type="checkbox"/> I am unable to use science vocabulary to demonstrate my understanding of atoms</p> <p><input type="checkbox"/> I am missing footnotes that explain the connection between my element and my character</p>	<p><input type="checkbox"/> I have created a superhero based on 6-8 characteristics of my element.</p> <p><b>Characteristics may include:</b></p> <ul style="list-style-type: none"> <li>• # of Protons, Neutrons or Electrons</li> <li>• Phase Changes (<i>Freezing Pts., Boiling Pts.</i>)</li> <li>• <i>pH Levels</i></li> <li>• <i>Uses by Humans</i></li> </ul> <p><input type="checkbox"/> I have demonstrated my understanding of atoms by using a variety of science vocabulary in my project</p> <p><input type="checkbox"/> I have provided footnotes that explain the connection between my element and my character</p>	<p><input type="checkbox"/> I have created a superhero based on 9 or more characteristics of my element. (<i>some of which were not discussed in class</i>)</p> <p><b>Characteristics may include:</b></p> <ul style="list-style-type: none"> <li>• # of Protons, Neutrons or Electrons</li> <li>• Phase Changes (<i>Freezing Pts., Boiling Pts.</i>)</li> <li>• <i>pH Levels</i></li> <li>• <i>Uses by Humans</i></li> </ul> <p><input type="checkbox"/> I have demonstrated my strong understanding of atoms by using a variety of science vocabulary in my project</p> <p><input type="checkbox"/> I have provided footnotes that explain the connection between my element and my character</p>
<p><b>Plan</b> – I can make deliberate plans, reflect upon and revise my plans so that I am able to</p>	<p><input type="checkbox"/> I do not have drafts attached to the final piece or made no revisions</p> <p><input type="checkbox"/> During work periods, I am often off task</p> <p><input type="checkbox"/> I have missed deadlines</p> <p><input type="checkbox"/> My project has a messy appearance and/or looks like it was put together in a rush.</p>	<p><input type="checkbox"/> I hand in ALL project components with a few some small edits.</p> <p><input type="checkbox"/> During work periods, I am on task most of the time, but may need some teacher redirection</p> <p><input type="checkbox"/> I have met ALL of my deadlines</p> <p><input type="checkbox"/> My project has a clean and neat appearance</p>	<p><input type="checkbox"/> I hand in a draft to the final piece. I make significant revisions to the content of the essay to make it stronger</p> <p><input type="checkbox"/> During work times; I am on task and needs no teacher redirection.</p> <p><input type="checkbox"/> I have met ALL of my deadlines</p> <p><input type="checkbox"/> I put a tremendous amount of thought and effort into the appearance of my project</p>