**Nuclear Reaction Video Project Rubric**

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| **CONTENT:** | | | |  |
| **Components** | **Mastery - 3** | **Approaching Mastery - 2** | **Needs More Work- 1** | **Not Done - 0** |
| **Topic**  **(2 pts)** | The topic is specific is intended to inform or convince the viewer. | The topic may be a bit too broad to allow the viewer to understand the main points. | The topic is hard to ascertain and needs to be made more specific. | There is no central topic |
| **Nuclear Reaction**  **(2 pts)** | The nuclear reaction involved in the topic or process is clearly, but briefly described, with specific details and represented with equations or diagrams of the reaction. | The nuclear reaction involved in the topic or process is clearly, but briefly described. No specific details are given. | The nuclear reaction involved in not clearly described or represented | The nuclear reaction is not included |
| **Real World Application**  **(2 pts)** | There is a clear connection between the topic and a real world application. The application is clearly explained. | There is a somewhat clear connection between the topic and a real world application. The application is not fully explained | The connection to the topic and explanation of the real world application is unclear | There is no real world application included |
| **Visual Aids**  **(1 pt)** | The visual aids support the audio and are intended to help the viewer fully understand the topic. | Some of the visual aids support the audio, or more visual aids are required to fully understand the topic | The visual aids are confusing and there is not enough to understand the audio | There are no visual aids included. |
| **Audio**  **(1 pt)** | The speaking is clear and easy to understand, and explains the content well. | Most of the speaking is clear and easy to understand, and mostly explains the content. | The speaking is frequently hard to hear and understand, and/or is not applicable to the content. | The speaking is not understandable or there no audio present |
| **Length**  **(1 pt)** | Video is within allotted time (3-5 minutes) and less than 30 seconds total of video clips | Video is within one minute of allotted time. | Video is within two minutes of allotted time. | Video is within three minutes of allotted time. |
| **Layout and Organization**  **(1 pt)** | The sequence of information is logical and intuitive. The video transitions smoothly and flows well. | The sequence of information is logical. The video transitions smoothly and flows well most of the time. | The sequence of information is somewhat logical. The video transitions jumps around and is choppy. | The sequence of information is not logical. There is no flow to the video |
| **Citations**  **(2 pts)** | At least *three* credible sources are correctly cited in a slide or frame at the end of the presentation, or on a separate document. | At least *two* credible sources are correctly cited in a slide or frame at the end of the presentation, or on a separate document. | At least *one* credible sources are correctly cited in a slide or frame at the end of the presentation, or on a separate document. | No sources are included |