**Core Competencies Reflection**

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|  | Core Competency: \_\_\_\_\_\_\_Critical Thinking\_\_\_\_\_\_\_\_\_\_\_\_\_  **Here is evidence that I can…** strategize, analyze, reason, estimate, model, be creative, visualize, reflect and revise, connect, use mistakes to advance learning, use technology or other tools, extend, reason logically, adapt my ideas, etc.  Critical thinking is one of the most important competencies when it comes to doing a science lab with a group.  The first one I am going to talk about is being able to experiment with different ways of doing things. I believe  this because we had to research and the find a way that worked for us. We went through many different  movies, headphones and rooms to find what worked best. I believe I showed this well.  The next piece I believe I succeeded at was asking open ended questions and gathering information. This is  because we asked a question which helped us create a hypothesis. Next, we did research to back up our  question. Next, we build on our question to create our hypothesis. I believe I did this well because it made  sense with our question.  Ways I want to improve are…  One way I would like to improve is by being able to analyze information from different prospective. I need to do  this in the research part of the project. Before we created the question, we had to do research to make sure it  made sense. Next time I would check more websites with many different perspectives. In conclusion, this lab/  experiment was quite enjoyable. We got to watch movies as well as discover something new. |  |