Name: \_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

GS103 Physical Science

After reviewing the lecture on The Scientific Method and Biased Science

1. Explain each step of the scientific method, and for each step, give an example of how you personally use this step in your everyday life.
2. After reviewing, the videos in the assignment instructions answer the following questions about each of Newton’s Three Laws of Motion.

* Newton’s First Law of Motion:
  + Definition
  + At least one example used in the video or an example of your own
  + Give details of how this example proves or supports that particular law.
* Newton’s Second Law of Motion:
  + Definition
  + At least one example used in the video or an example of your own
  + Give details of how this example proves or supports that particular law.
* Newton’s Third Law of Motion:
  + Definition
  + At least one example used in the video or an example of your own
  + Give details of how this example proves or supports that particular law.

1. From the video:  Forces and Motion in Games Programming.
   1. Describe three reasons why you think the use of a “Physics Engine” is important in creating games?

b.    Give three definitions or statements from the video or your textbook about force and motion.