**Project 1.1.3a STEM Investigation Questions to Guide You**

Answer the questions below before preparing your presentation. Make sure you share the workload with your partner. These are not titles for your slides, you do not turn this in.

1. What is your artifact (product)?
2. What is the purpose of your artifact?
3. Who was the original inventor (who owns the patent) and when was your product invented?
4. How was it used when originally invented? How is it used today?

5. What are some of the innovations that this product has undergone since its original invention? (include the date of the innovation)

6. Which of these areas of technology best classifies the artifact?

1. Information and Communication
2. Bio-related and Agricultural
3. Medical
4. Environmental
5. Production, which includes manufacturing and construction
6. Transportation
7. Energy and Power
8. Nanotechnology

6a. Explain how different engineering fields were used to help create or innovate this artifact (product).

7. How has this product impacted society in a positive way?

8. How has this product impacted society in a negative way?

10. If you had the ability to change this product in any way, what would you change?