**Senior Research Topic Presentation Form**

Each person should complete two (2) Topic Presentation Forms, for a total of 4 per research pair. This form must be detailed, typed and printed. It is due the first day of MMSTC to your science teacher. Staple all four of your forms together.

1. **Research Question:**

What problem are you trying to solve? Why is this important? What scientific knowledge are you seeking?

**2.) Brief but Detailed Description of Experiment**:

**3.) Data Collection:**

 **Independent Variable(s):**

Think about how you will measure/collect this data. Include the units you will measure in.

 **Dependent Variable(s):**

Think about how you will measure/collect this data. Include the units you will measure in.

**4.) Materials, tools, instruments to be used to collect data.**

 Do we have access to everything you need at MMSTC? If not how will you get what you need. Consider cost and time. Do you understand/know how to use everything you have listed?

**5.) Where will you obtain the Materials listed above?**

Now is the time to reach out to universities and companies and build partnerships.

**6.) Where will the experiment be conducted?**

Consider safety, space, availability of materials/equipment?

**7.) Resources: personal, Universities, Professionals, partnerships that may be of assistance:**

Be specific, use this time in the summer to investigate these opportunities. Many Universities would love your help over the summer.

**8.) Complete two Annotations of articles that you used to validate the feasibility of this project. Please include hard copies of the articles or journals you used.**

**Link to What an Annotation should accomplish** [**https://drive.google.com/file/d/1ULNtpGjKaIgeivF484Qd6uT8a0FbH8JR/view**](https://drive.google.com/file/d/1ULNtpGjKaIgeivF484Qd6uT8a0FbH8JR/view)

**Link to MMSTC Annotation Rubric:** [**https://docs.google.com/document/d/1mlNVloB7fZTopWQyWtQSfeUjHi0WiIx2OKKLnRwJK4g/edit**](https://docs.google.com/document/d/1mlNVloB7fZTopWQyWtQSfeUjHi0WiIx2OKKLnRwJK4g/edit)