Team/ Student Name:

UNIT NAME

Project Objective Memorandum

EVALUATION

Updated [Month] [Day], 2020

[Science Investigation or Engineering Design Title]

INTRODUCTION

[Provide background on your investigation or design. Cleasy state the purpose of this POM and why it should be funded. Help us understand the importance of your research question by providing necessary background.] Replace sections with your writings and ideas from your experiment, tests, or design. Refer to appropriate rubrics for grading.

RESEARCH QUESTION/ PROBLEM

Identify the problem you will solve through your investigation or design. Make sure the problem is stated clearly.

EXPERIMENTAL DESIGN/ DESIGN DEVELOPMENT

Describe the experiment, test, and or design based on the scientific method or the engineering design process. State a hypothesis or goal to your research. Mention all variables and/or constraints. This also includes funding, timelines, and costs.

MODEL/PROTOTYPE or DATA COLLECTION

Discuss your design to be tested (or maybe it was tested). Explain any qualitative and quantitative data you have collected through observations. Ensure they are organized in any tables or graphic organizers if appropriate.

ANALYSIS

Reference any diagrams, figures, or graphs that summarize the data you collected from your experiment, tests, or design. Make sure you describe all figures you insert.

CONCLUSION

Summarize your experiment, tests, and/or designs. Form connections between the research question/problem, hypothesis, designs, and analysis of the data. This is where you wrap up the significance and importance of what you worked on. Acknowledge the successes and challenges, including the "next steps" for future research.

COLLABORATION

Acknowledge and thank all partners and parties that contributed to your work. Describe a little about how they contributed to the research.

BENEFIT TO THE COMMUNITY

Explain how your client, audience,

stakeholders, and/or community members (1) would use this data and (2) why the research question should be important to them. The reader should be able to understand how this research will benefit and impact society.

REFERENCES

Include all sources and cite resources used if they were not primarily from you, as the researcher.