



Attached you will find the Project Proposal form for the 2016-2017 School Year. All NM MESA students are required to complete the MESA Day 2017 event requirements (even if they don't compete) or a replacement project with the topic of their choice. The required components of an accepted project are the following:

Title of Project and Identification of Group:

- Groups are expected to be no more than 6 students and all students are expected to contribute to the project. Each group should complete a Project Proposal if they are not doing the MESA Day Project.

Project Description:

Abstract:

- A description of the project and why the team has selected the project.
- Should include specifying the STEM component you are addressing in your project.

Prepared Design:

- Teams need to have a physical component to their project.
- It can be an engineering design, an experiment, a physical model, prototype, etc.

Written Component:

- This can be a research or technical paper, a booklet, or another creative form of writing.
- Must include technical information as well as attention to writing conventions.

Oral Presentation:

- This can be a formal presentation to a class or panel, can be an oral interview, or can be another form.
- Must include technical information in the presentation as well as attention to approach and flow.

Visual Component:

- This can be a PowerPoint slide show, an academic poster, an academic display, a detailed booklet or brochure.
- Must include technical information such as drawings, charts, data charts, etc.

Implementation Plan and Schedule:

- Outline a plan for implementing your project.
- Include how you will use your Engineering Notebook to document your process.
- Include a timeline for your project and identify any major milestone completion deadlines.
- Describe the division of labor between group members and team responsibilities.

Evaluation:

- Explain how you will evaluate success and what will you measure.
- Describe what the team hopes to learn from completing the project.

Teams are reminded that this can be a fun project while learning important skills within the Science, Technology, Engineering, and Math fields of their choice. Teams can pull inspiration from other MESA activities such as our 2016-2017 Workshops in medical science, math from different civilizations, or other Arduino projects. Teams can also use other competitions, assignments, or projects in fulfillment of MESA objectives as long as all requirements are met. Suggestions for other projects that are similar and already developed would be Science Fair, eCYBERMISSION, Innoventure, RoboRave Challenges, AFRL Research Program, Envirothon, other school requirements, and many more!

Schools should identify what projects they will complete. A commitment to the MESA Day Project or completion of the Project Proposal is due to your Regional Coordinator by December 2, 2016.



TEAM INFORMATION		
School Name:		Region:
Team Member 1:	Phone:	Email:
Team Member 2:	Phone:	Email:
Team Member 3:	Phone:	Email:
Team Member 4:	Phone:	Email:
Team Member 5:	Phone:	Email:
Team Member 6:	Phone:	Email:

PROJECT INFORMATION			
Project Title:			
Is this Project Part of Requirements for Another Competition/Class: YES or NO			If Yes, Which One:
Will You Use an Engineering Notebook: YES or NO		Proposed Starting and Ending Dates:	From: To:
Milestone/Task:	Due:	Milestone/Task:	Due:
Milestone/Task:	Due:	Milestone/Task:	Due:
Milestone/Task:	Due:	Milestone/Task:	Due:
Milestone/Task:	Due:	Milestone/Task:	Due:
Milestone/Task:	Due:	Milestone/Task:	Due:
<i>What are the responsibilities of each team member and how will you divide work to ensure project is completed?</i>			

PROJECT DESCRIPTION
<i>Provide a project abstract that describes the project and why you selected it. Make sure to include what STEM component(s) you are addressing:</i>

Detail out the Prepared Design Component of your project:

Detail out the Written Component of your project:

Detail out the Oral Presentation Component of your project:

Detail out the Visual Component of your project:

Detail out your Evaluation Method for your project:

REGIONAL COORDINATOR OR ADVISOR NOTES: