

Junior Presentation Guidelines

Applied Physics Research

Name: _____

Design Guidelines:

- Use **Google Slides** for your presentation
- Choose a simple theme with limited color palette. In general, high contrast is best (e.g. black on white) No color gradients.
- Have at least 1 picture on each slide and no more than 4
- Pictures should NOT overlap
- Do NOT use clip-art unless you are using symbols such as arrows, lines, etc.
- Embed videos instead of using links to YouTube.

Title page (1 Slide, 5 pts):

- Project title
- Your name and research lab name (*i.e. Adam Kemp, Applied Engineering Research*)

Description of Problem/Issue (1-2 Slides, 20 pts):

- Describe the basis of your research
- Provide brief background information about your research (*include information you are using from your article reviews*)
- Your project's application potential (*what will it do?*)

Objectives (2-3 Slides, 30 pts):

- Highlight your quantitative performance objectives and how you plan to achieve them (*use bullets*)
- Highlight qualitative performance objectives and how you plan to achieve them (*use bullets*)

Approach (3-5 Slides, 30 pts):

- Produce initial drawings of design component(s) and/or schematics (*hand drawn or CAD, one image per slide*)
- Detail your current progress to date. (*Include images of components*)
- Concept of Operations flow chart in graphical format (*create the illustration using PowerPoint*)

Project duration (1 - Slide, 10 pts):

- Estimated timeline for the 2nd year (*provide general benchmarks, i.e. construction complete, testing begins, etc*)

Conclusion (1- Slide, 5 pts):

- Restate the nature of your research and thank the audience for their time
- Ask for questions

| Section | Pts Possible | Pts Received |
|------------------------------|--------------|--------------|
| Title Page | 5 | |
| Description of Problem/Issue | 20 | |
| Objectives | 30 | |
| Approach | 30 | |
| Project Duration | 10 | |
| Conclusion | 5 | |

Grade ____/100