

Final Project Proposal – GIZMO



Remember ...

- 1) Final project proposals should be detailed & 2-3 pages long.
- 2) Write 1-2 paragraph responses for letters B and D-I.
- 3) Proposals will be graded on clarity, completeness, & quality.

___ 1 pt **A) Group Members:** _____, _____,

___ 5 pts **B) GIZMO Name:** _____

What is your present GIZMO idea and how do you use/operate it?
 What happens when you use/operate the GIZMO and how does it work?
 In what ways does your GIZMO directly teach the related science concept?

___ 8 pts **C) Sketch:** make a sketch of your GIZMO and/or prototype with descriptive labels.

___ 10 pts **D) Prototype:** each group must make a prototype/scale model or detailed blueprints.
 Describe your plan for making a prototype or scale model of your GIZMO.
 What do you need to test and analyze to improve your GIZMO idea? (explain)
 How will you use this information to revise / refine your GIZMO?

___ 7 pts **E) Science Concept:** _____

What is/are the science concept(s) related to your GIZMO? (explain in detail)
 In what ways are you using the sci concept info to refine/improve your design?
 List your final focus questions and summarize the sci concept info gathered.

___ 7 pts **F) Display Copy:** make drafts of the following written information for your GIZMO display.

What science information are you going to put on your GIZMO display?
 What GIZMO operating instructions are you going to include on the display?
 What other information are you going to include on your display?

___ 4 pts **G) Materials:**

What materials do you need for the GIZMO, display, and prototype?
 How feasible are the materials? (Can you get/find them? Substitutions?)
 How will you store the materials?

___ 10 pts **H) Group Work Contract:**

What are the major tasks and sub-tasks that need to be completed?
 Which group member is responsible for each task and sub-task?

___ 3 pts **I) Special Concerns & Considerations:**

What are some safety concerns that apply to your project?
 What are some other special concerns/considerations about your project?

___ / 55 points **OVERALL SCORE**