



Initial Project Proposal – GIZMO

THINK About ...

- 1) Initial project proposals should be 2-3 pages long.
- 2) Proposals will be graded on quality, completeness, & clarity.
- 3) Thoroughly address each item listed below in letters A-I.

A) Group Members: _____, _____,

B) Team Color: _____

C) GIZMO Name: _____

Description:

What does the GIZMO look like?
What does it do?
How does it work?

D) Science Concept: _____

Description:

What is/are the science concept(s) related to your GIZMO?
What do you already know about the science concept?
How is the GIZMO related to the science concept?
What are some research/**focus questions** to examine the science concept?

E) Sketch (with descriptive labels):

F) How To:

How do you use/operate the GIZMO?
What happens when you use it?

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?

H) Initial Action Plan:

What are some tasks that need to be completed?
Which group member is responsible for each task?
What are some ideas for your prototype (scale model) and/or blueprints?

I) Special Concerns & Considerations:

What are some special concerns/considerations about your project?