Final Project – Brainstorming and Drawings

Physical Science and Technology

Step 1: *Brainstorm* (due Monday, May 21)

Come up with 5 unique ideas for a device you could make in this class. Work individually. Each device must a) allow you to make measurements using either the force or motion detectors and b) allow you to make quick, repeatable changes that will allow you to test three different "settings" for your device.

Idea #1:			
Idea #2:			
Idea #3:			
Idea #4:			
Idea #5:			
Step 2: Pick a p	oartner (due Monday, May 21)	
work individ	pose one other person in the clually. In either case, you MU o on to step 3.		
My partn	ner is:	Approved by:	
~ -	work individually	Approved by:	
Step 3: Pick one	e of your ideas to use as your	final project (due Mond	ay, May 21)
The inventio	n I/we want to make is:		
Step 4: Ask a qu	uestion that your device can a	nswer (due Monday, Ma	ny 21)
	gating the relationship between		
	"setting" that adjusting your		

Step 5: *Thumbnail sketches (due Monday, May 21)*

additional space, use a separate sheet of paper.			

Draw 4 thumbnail sketches for your invention. These sketches can be overall

drawings, schematics, diagrams, or plans. If you are working with a partner, each of you needs to have 4 unique thumbnail sketches (8 total thumbnails). If you need

Step 6: Final drawing (Due Wednesday, May 23)

Using A+CAD, make a detailed drawing of your device's design. If you are working with a partner, you each need to turn in a drawing that shows a different view of your device. Your drawings need to be detailed and include rough measurements and show your device's functionality.

Step 7: *Materials list (Due Wednesday, May 23)*

List the materials you expect to use for your project and you would like us to provide. Be sure to include measurements so we know how much to provide.

Item:	How much (dimensions/measurements):	