

Activity 1.1 Instant Design Challenge Grading Rubric (with Budget)

Each team has a budget of \$ 20.00 to spend on materials. Recorder must keep track of money spent. All sales are final. Teams cannot trade materials.

- Masking tape \$.25 per foot
- Duct tape \$ 2.00 per foot
- Velcro tape \$ 1.50 per inch
- String \$.25 per foot
- Rubber bands \$.10 each
- Tacky glue \$.05 per square inch covered _____
- Felt sheets \$ 1.50 each
- Craft foam \$ 2.00 each
- Bubble wrap \$.25 per square inch _____
- Bandage rolls \$ 3.00 per foot
- Craft wire \$.50 per inch
- Corrugated cardboard \$.50 each
- Jumbo craft sticks \$.50 each
- Dowel rods \$ 2.00 each
- Heavy cardstock \$.50 each
- Safety pins \$.50 each
- Paper fasteners \$.50 each

Element	Weight	3 Points	2 Points	1 Points	0 Points	Total
Documentation		Documentation included a lot of detail and several drawings the team used throughout the process.	Documentation included some details and a few drawings throughout the process used by the team.	Documentation included little detail and at most one drawing throughout the process used by the team.	No documentation was provided.	
Use of Materials		Materials were used appropriately and efficiently, without any waste.	Materials could have been used more efficiently.	Some of the materials were not used appropriately and materials were wasted.	Use of materials was inappropriate and a lot of materials were wasted.	
Prototype Construction		All criteria were met.	All but one criteria were met.	Multiple criteria were not met.	None of the criteria were met.	
Present Solution		The presenter addressed all the topics listed in the presentation section.	The presenter addressed some of the topics listed in the presentation section.	The presenter addressed a few of the topics listed in the presentation section.	The presenter did not address any of the topics listed in the presentation section.	
Collaboration and Teamwork		The student consistently communicated ideas effectively, respected varying opinions, engaged in compromise, and completed tasks in a timely manner.	The student often communicated ideas effectively, respected varying opinions, engaged in compromise, and completed tasks in a timely manner.	The student rarely communicated ideas effectively, respected varying opinions, engaged in compromise, or completed tasks in a timely manner.	The student did not communicate ideas effectively, did not respect varying opinions, did not engage in compromise, and did not complete tasks in a timely manner.	
Reflection (to be completed later in the activity)		The student considered all the questions provided for the reflection section and provided well-thought reflections.	The student considered most of the questions provided for the reflection section and provided good reflections.	The student considered a few of the questions provided for the reflection section and provided poor reflections.	The student did not complete the reflection table.	