

Presentation Format and Organization (15 points) <i>Category Points:</i>	Preparation for presentation is minimal AND delivery is disorganized/unclear OR no presentation was prepared (0 points)	Presentation is somewhat organized AND only includes 1-2 of the required components (design process, strength graph, bridge terminology, or total cost) AND is lacking in detail (1-3 points)	Presentation is mostly organized AND: only includes 1-2 of the required components (design process, strength graph, bridge terminology, or total cost) OR is lacking in detail (4-7 points)	The presentation is clear and well organized AND includes 3 of the required components (design process, strength graph, bridge terminology, or total cost) in moderate detail. (8-11 points)	The presentation is clear and well organized, includes all required components (design process, strength graph, bridge terminology, and total cost) in good detail. (12-15 points)
Presentation Engagement and Participation (15 points) <i>Category Points:</i>	Presentation delivery is not very engaging (e.g., flat, no enthusiasm, no eye contact) AND only 1 team member participates. (0 points)	Presentation delivery is not very engaging (e.g., flat, no enthusiasm, no eye contact) OR only 1 team member participates. (1-3 points)	Presentation delivery is somewhat engaging (e.g., exhibits moderate interest, some eye contact) with only some of the team members participating (4-7 points)	Presentation delivery is engaging (e.g., enthusiastic and makes consistent eye contact) with only some of the team members participating. (8-11 points)	Presentation delivery is engaging (e.g., enthusiastic and makes consistent eye contact) with all team members participating equally. (12-15)
Career research (15 points) <i>Category Points:</i>	Career research was not addressed OR only 1 career was identified (but not discussed in depth). (0-2 points)	Career research only briefly discussed, sharing only 2 -3 titles OR descriptions (3-5 points)	Career research discussed with some detail, sharing only 2-3 titles AND descriptions. (6-8 points)	Career research discussed 3 or more examples with good detail, BUT the career research is not diverse (9-11 points)	Detailed discussion of career research, including a diversity of career titles and descriptions of work done. (12-15 points)
Aesthetics (10 points) <i>Category Points:</i>	Bridge is generally not visually appealing AND is generally messy, having multiple areas with extra glue and/or toothpicks (0-2 points)	Bridge has some visual appeal, but has two or more messy areas AND is not very clean. (3-4 points)	Bridge has some visual appeal, but has two or more messy areas OR is not very clean. (5-6 points)	Bridge has visual appeal, is mostly neat and clean, but has at least 1 messy area (e.g., extra glue, toothpicks out of place). (7-8 points)	Bridge has visual appeal, is neat and clean with no messy areas, no visible extra glue, and no toothpicks out of place. (9-10 points)
Bridge criteria (10 points)					
Clear span	Does not meet criteria (0 points & NO Load Test)		Meets criteria (5 points)		<i>Category Points:</i>
Bridge Deck	Does not meet criteria (0 points)		Meets criteria (1 point)		
Bridge Width	Does not meet criteria (0 points)		Meets criteria (1 point)		
Boat Clearance	Does not meet criteria (0 points)		Meets criteria (1 point)		
Bridge Height	Does not meet criteria (0 points)		Meets criteria (1 point)		
Loading connection	Does not meet criteria (0 points)		Meets criteria (1 point)		
Material Specifications met (20 points)					
<i>Points deducted for:</i>			<i>Category Points:</i>		
a. More than 800 toothpicks used (-3pts)			<i>Deductions:</i>		
b. Other than round toothpicks used (-2pts)					
c. Other than Elmer's white glue used (-3pts)					
d. Bridge being coated (-6pts)					
e. Toothpicks glued with overlap, side to side or end to side (-6pts)					
Strength Points (40 points)					
Given as [(team ratio/maximum ratio) *40]					
Team ratio:		Max ratio:		<i>Category Points:</i>	
Cost Effectiveness (15 points) (cost of bridge/weight held)					
Given as [(team cost effectiveness/maximum cost effectiveness)*15]					
Team ratio:		Max ratio:		<i>Category Points:</i>	
Total Points (Sum of all Category Points):					