

Bridge Scoring Rubric		Justification			
<b>Bridge successfully achieved a 24" span</b>	10	0 instances	1-2 inches off	3-4 inches off	5" or more off
When placed across the gap, the bridge is able to remain suspended above the floor unaided. The 24" gap does not need to be adjusted.		10	8	6	4
<b>Bridge was drawn correctly and followed.</b>	20	0 instances	1-2 instances	3-4 instances	5 or more
Bridge drawing matches up perfectly with bridge model. No instances where members on drawing, do not line up with bridge.		20	18	16	14
<b>Construction was sound and neat.</b>	20	0 instances	1-2 instances	3-4 instances	5 or more
All pieces were cut and filed properly. All joints fit without any gaps. No <i>excess glue used or is visible</i> .		20	18	16	14
<b>Design was applied to the Structural Stability Formula.</b>	10	SS Formula Evidence Shown		No Evidence Shown	
Evidence shown; on design sheet or design drawing.		10		0	
<b>Group used class time efficiently</b>	20	Always on Task & On Time	Mostly on Task/ 1 day Late	Sporadically on Task/ 2 Days late	Rarely on Task/3 days Late
Group was on task each day. Project was completed on time and within project guidelines. (Did not need any extra material.)		20	18	16	14
<b>Bridge Held Minimum Weight (20 lbs)</b>	20	Bridge Performance (Pounds Held)			
Students receive a point per pound up to a maximum of 20 points.					
<b>Total Score</b>	100				

**Comments:**

**Names:** \_\_\_\_\_

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