

Name: _____

Spaghetti Bridge Rubric

Honors Geometry

Aesthetics (10)	Bridge is messy, not clean. Extra glue. Noodles out of place. (3)	Bridge has some appealing qualities but is mostly messy. (5)	Bridge is mostly appealing, but has one or two messy areas (7)	Bridge is neat, clean. No noodles out of place. (10)
Bridge Criteria (15)				
12in Span	Does not Meet (0)			Meets (3)
$1.5 \leq \text{Width} \leq 2.5$ in	Does not Meet (0)			Meets (3)
Height ≤ 7 in	Does not Meet (0)			Meets (3)
Pedestal	Does not Meet (0)			Meets (3)
Hole for Loading	Does not Meet (0)			Meets (3)
Materials	Anything other than school glue & noodles (0)	Bridge over 10oz (0)		Meets (3)
Effectiveness (40)				
Weight Held		Based on how well your bridge		=
Structural Effectiveness (SE)		compares to the bridges of your classmates		=
			Total out of 65	=

*If bridge is too short or over weight, it will moved to last place in the structural effectiveness category.

*If illegal materials are present, it will move to last place in the weight held category.

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