



Name(s)	Project Number
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Project Title	
Bending Bridges	
Objections/Cook Abstract	
To find which bridge, the arc bridge, the span bridge, or the cable Methods/Materials 1. Gather materials	e-stayed bridge supports the most weight.
 Make span bridge Put weights on it until it collapses and take pictures Record the amount of weight it holds in scientific notepad Make arc bridge 	
 6. Repeat steps 3 and 4 7. Make cable-stayed bridge 8. Repeat steps 3 and 4 9. Repeat steps 2-8 one more time 	
Balsa wood, wood glue, exacto-knife, ruler, builders square, drill, saw, picture frame vise, rasp, awl, picture hanging wire, weights pencil, and digital camera.	l, plastic lid, pruning scissors, coping (various sizes), scientific note pad,
The results of my experiment were: The arc bridge held an average average of 54 ounces, and the cable-stayed bridge held an average Conclusions/Discussion	ge 120 ounces, the span bridge held an ge of 52 ounces.
My hypothesis was supported. To make my experiment better I c cable-stayed bridge.	could have used different materials on my
Summary Statement	
I was trying to determine which bridge type supports the most we	eight.
Help Received	
Dad helped construct bridges; Mom bought materials and helped	with research.