



Building a Lego Bridge



Your task:

Working in a small group, you must build the most cost efficient Lego bridge that can support the weight of a text book.

Stipulations:

- Length of bridge must be at least 10"
- Height of bridge must be at least 6"
- You must use every color and size of Lego
 - Double Legoes are twice as expensive as single Legoes
 - Pricing (based on single Lego)
 - White = \$150
 - Red = \$250
 - Blue = \$350
 - Yellow = \$450
 - Green = \$550
 - Black = \$500
 - Gray = \$400
 - You must keep track of your expenses
- You may use any resources you want; HOWEVER, you may not use any technologies.
- Your bridge will be over water so there needs to be enough room for boats to go under the bridge in both directions.
- Your group will have 30 minutes to plan, build, and test your bridge.
 - You will need to debrief with me after you completed your tasks.
 - Your debriefing needs to be as technical as possible.

