

Spaghetti Bridge Rules

- 1) Goal is to make the highest efficiency bridge
- 2) Materials are spaghetti and wood glue only
- 3) Efficiency is defined as the ratio of the weight supported by the bridge to the weight of the bridge
- 4) The supported weight will be made up of water
- 5) The span distance will be 24"
- 6) Each team will be provided 100 pieces of spaghetti
- 7) Only 20 pieces will be allowed in the final design
- 8) The bridge must accommodate the weight of the attachment hardware provided by me
- 9) Refer to JPL Invention Challenge Bridge Challenge (2009) for reference.
- 10) Duration will be 2.5 weeks