

Spaghetti Bridge Building Competition

Goal:

Build a free-standing spaghetti bridge with the highest strength-to-weight ratio

- Strength-to-weight ratio is the weight the bridge can hold before breaking divided by the weight of the bridge itself
- The top two competitors will be award extra credit

Rules:

1. The bridge must be built out of spaghetti. No other form of pasta will be accepted.
2. The spaghetti may be held together with glue, epoxy, or resin. No other building materials will be accepted.
3. The bridge shall be free-standing and must span two level surfaces which are 50 cm apart.
4. The bridge will need to be able to accommodate the loading platform. The loading platform consists of a metal hook mounted on a wooden platform. This is the hook upon which the weights will be loaded.