

RULES FOR THE BRIDGE BUILDING COMPETITION

1. Balsa wood and any glue are to be the only materials used. No other fastening mechanisms are allowed.
2. The bridge shall contain no element wider than 1.0 cm and no thicker than 1/8 inch commercial balsa stock. Two or more pieces may be glued to make a composite beam, but no single piece may exceed the specifications given.
3. The total mass of the bridge shall not exceed 55.0 g.
4. The bridge must be free standing with a flat bed.
5. The bridge shall allow a 40 cm wide by 2 cm high board to slide underneath without touching.
6. The bridge shall allow a cube 10 cm on a side to slide underneath without touching.
7. The bridge wil