

STRAW TOWER

Description:

This is a competition in which each team attempts to build the strongest straw tower. Each team will construct a tower using only 50 drinking straws and 2 meters of masking tape.

Number of Participants: 2 per team

Approximate Time: 45 minutes

The Competition:

1. The tower must be constructed using only the drinking straws and the masking tape furnished. The straws can be interconnected directly or through the use of the masking tape; however, no other form of fastening devices may be used. Straws may be cut or slit, if desired, and they may be bent in any manner.
2. The height of the tower will be measured before the loading process begins. To qualify the tower must be at least 30 cm high at the loading point.
3. The top of the tower must accommodate a loading block that is 5 cm x 5 cm. The student must be able to balance the block (horizontally) on the tower at the loading point for the tower to qualify.

Scoring:

Scoring will be based on the following: Height in centimeters times 2. Add to that figure the mass supported in grams. Greatest score wins.

