

# Straw Bridges

## Description:

This event tests the participants' ability to build a strong, lengthy, stable, and reproducible bridge from common materials.

## Number or Participants: 2

Approximate Time: 20-25 minutes to build, 10-15 minutes to test

## The Competition:

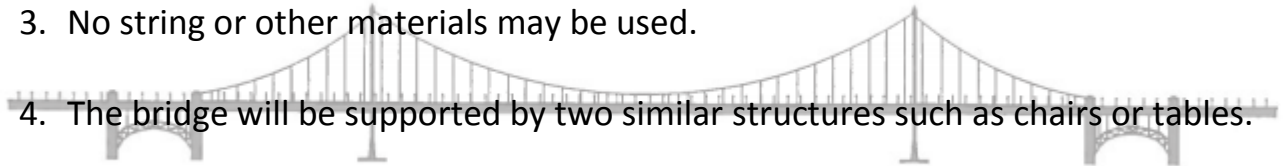
1. At the tournament competitors will be given 50 stir straws and 25 cm of masking tape from which to build a bridge to span the greatest possible distance. It should be able to support at least one chalkboard eraser placed by the judge in the center of and at a right angle to the bridge. A scissors and ruler will be available for measuring and cutting straws and tape.

2. The bridge must support the eraser for at least 10 seconds.



3. No string or other materials may be used.

4. The bridge will be supported by two similar structures such as chairs or tables.



5. No straws may touch the floor or other supporting structure (only those in 4.)

6. Straws may be crimped and slipped together.



## Scoring:

1. The bridge spanning the greatest distance while supporting the eraser for 10 seconds will be declared the winner.



2. In case of a tie, more erasers will be added until the strongest bridge is determined.

## Resources:

3M™ 1" x 60 yds. x 4.4 mil Masking Tape 200 or comparable  
5" red-stripe stir straws (Dixie?)