



BRIDGE STRENGTH CONTEST

For Middle & High School

Design and build a bridge that will support the greatest weight (maximum applied load) that meets required specifications.

Date: Saturday, February 19

Location: Loussac Library

Design and build your bridge at home, and then join Dr. Scott Hamel of the UAA Civil Engineering Department on the competition day to test the strength of your bridge... by destroying it!

This event is free.

Building materials are not provided.

Full rules & more info at

www.uaa.alaska.edu/tinybridge

Specifications

Materials:

You may use any commercially available Balsa wood or Basswood.

Construction:

Maximum Mass: 25 grams

Maximum Length: 400mm

Maximum Width: 80mm

Maximum Height: 80mm



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