

Oct 2004 Rev

GENERAL INFORMATION FOR
BALSA WOOD TRUSS COMPETITION

1. All trusses meeting the requirements of the Balsa Wood Truss Competition will be tested during Engineers Week on February 26, 2005. Each High School Faculty Contact will be given the time and location for their groups' testing at the **Westroads Shopping Center, 102nd and West Dodge Road**. The High School Faculty Contact will be responsible for passing on the date, time, and location to their contestants. All testing will be done on Saturday afternoon, February 26, 2005.
2. All contestants will be responsible to purchase their own 1/4 inch square balsa wood and wood cement. A student or group of students can enter not more than three (3) trusses. A student or group of students with more than one truss can only place in one of the top three positions. Total cost should be less than \$10.00 per truss.
3. Judgments, measurements, and weight of the truss(s) will take place at a UNO weigh-in site and are final. However, any judge may check a structure prior to or after competition if an infringement is suspected.
4. No part of the truss may be in any manner fastened or cemented to the testing device supports.
5. Wood cement used in excess of that necessary to secure pieces of balsa wood together or if globs and runs exist, it will be considered artificial strengthening of the truss and the builders will be penalized accordingly.
6. Good craftsmanship will enhance the structure's ability to hold more weight due to even distribution and balance.

7. First, second, and third place prizes will be awarded to competitors with the three highest point totals. (First, \$150.00 plus Certificate, Second; \$75.00 plus Certificate, Third; \$50.00 plus Certificate).
8. Contestants shall make a tag and secure it to their truss with the following information:
Name(s):
High School:
9. All trusses must be turned into the High School Faculty Contact on or before February 16, 2005. The Nebraska Section ASCE contact will pick up the trusses from the High School Faculty Contact.

Hobby Shops

Bel-Air Hobby Crafts (W. Center Rd.) 691-0195

Hobbytown USA (LaVista) 597-1888

Hobbytown USA (132nd and Maple) 498-8888

Hobby Lobby (W. Center Road) 697-9514

Jacobs Hobbies (Benson Area) 556-8674

Bud's Hobby (Council Bluffs) 322-1378