

STUDENT STEEL BRIDGE COMPETITION

OFF-THE-SHELF EQUIPMENT

The host school is responsible for replacing any off-the-shelf items (such as clipboards, scales, measuring tapes, etc.) as well as other consumable items. We have compiled this list of those items, as well as their specifications and suggested vendors. While you do not have to buy from these specific vendors, you may use this list as a starting point to get your replacement equipment.

Inventory Item	Specifications	Suggested Vendor
Lanyard	¼" 3-Strand Twisted Poly-Dacron Combination Rope Length = 83 in.	rope.com Instructions for tying non-slip mono knot: https://www.animatedknots.com/non-slip-mono-knot
Caribiner	1/4 in. x 2-3/8 in. Zinc Spring Link	Any hardware store
Dog Collar	1" x 21" Nylon – buckle	Any pet store or Amazon
Level (4-ft)	4-ft.	Any hardware store
Scale	Digital postal scale works well	Any hardware store or Amazon
Clipboard		Any hardware store
Tape Measure	25-ft. long	Any hardware store
Flashlight		Any hardware store
Stopwatch		Any hardware store
Magnet	Any size	Any hardware store
C-Clamp	3-inch	Any hardware store
Safety Glasses	Must meet ANSI standard Z87.1	Uline or any hardware store
Hard Hats	Must meet ANSI standard Z89.1	Uline or any hardware store
Safety Steel Toe Caps		Amazon
¾" Sway Target	Recommend that you laminate them	Print here
Vertical Deflection Guide	Recommend that you laminate the guide	Print here
Stringer Passageway Template	See the current year's rules	