



High School Technology Problem Solving

Tool Box & Materials List



Tool Box

- A. Participants are required to provide their own tool box:
 - a. Must include identification (school name, address, and advisor cell phone number)
 - b. Must not exceed twenty (20) inches (508 mm) length x ten (10) inches (254 mm) width x ten (10) inches (254 mm) height.
 - c. Contains all items needed to fabricate the solution/entry. The following is a suggested list:
 - i. Cutting devices; NONE may be electric
 - ii. Adhesives
 - 1. aerosol and electric applicators are not allowed
 - 2. a bottle of Uncure or Debonder is recommended
 - iii. Temporary fastening devices
 - 1. Straight pins
 - 2. Clamps
 - 3. Tape
 - iv. A cutting surface that prevents table top marring (required)
 - v. Rulers, straightedges, and/or measuring scales
 - vi. Abrasive sheets/sandpaper, sanding sponges, sanding boards (i.e. emory boards or similar)
 - vii. Marking devices (pens, pencils, etc.) and sharpener
 - viii. Sheet of wax paper, as large as is needed for the competition
 - ix. Safety glasses and side shields (required)