



DELAWARE Problem Solving Contest (Middle School & High School)

TOOLS & MATERIALS

Tools and Materials (1 per team) - For the 2020 Problem Solving contest, participants are required to provide their own toolbox and materials. Each toolbox must include identification (school name, address, and advisor cell phone number). The size of the toolbox must be no larger than twenty (20) inches (508 mm) length x ten (10) inches (254 mm) width x ten (10) inches (254 mm) height to contain tools needed to fabricate a solution/entry. Materials may be carried in the toolbox OR in a standard plastic/paper grocery bag.

Tools - Each Team is required to bring the following tools:

- ___ two (2) pair ANSI safety glasses*
- ___ two (2) pair scissors
- ___ two (2) glue sticks
- ___ two (2) 12" rulers
- ___ two (2) pencils
- ___ one (1) roll masking tape ($\frac{3}{4}$ inch wide)
- ___ one (1) pair needle nose pliers

*In lieu of safety glasses, prescription eyewear may be worn.

Materials - Each team is required to bring the following materials:

- ___ twelve (12) standard drinking straws, straws (shall be no larger than $\frac{1}{4}$ " diameter x 9" in length)
- ___ twelve (12) 3" x 5" index cards
- ___ twelve (12) popsicle sticks
- ___ six (6) jumbo paperclips (2 inch)
- ___ two (2) sheets of $8\frac{1}{2}$ " x 11" cardstock (65-pound weight)
- ___ two (2) styrofoam plates
- ___ two (2) table tennis (ping pong) balls
- ___ two (2) plastic spoons
- ___ one (1) sheet $8\frac{1}{2}$ " x 11" of printer paper (20-pound bond)

Once tool box sizes are evaluated, teams will self-examine their competitor's tools and materials using this Verifications Sheet. If there is a dispute, a judge will be summoned to determine a final ruling. Any disallowed tools or materials will be held by the event coordinator until the contest is complete.

Participants without the toolbox and materials will not be allowed to compete.