



2024 Skills USA Kansas State Championship

COMPETITION INFORMATION PACKET

TEAMWORKS COMPETITION

April 24-25, 2024

Meadowlark Building

Hutchinson, KS

SkillsUSA, a non profit organization, empowers its student membership to become world-class workers, leaders and responsible American citizens.

SAFETY

- Safety Glasses are required. **Safety glasses will REQUIRED & PROVIDED BY EACH STUDENT.**
- Prescription glasses are required to have side shields. If you do not have side shields then goggles must be worn.
- Hard hats are required. **Hard hats will be REQUIRED & PROVIDED BY EACH STUDENT.**
- OSHA 10 certificates will need to be shown Wednesday morning, turned in with test materials.
- If contestants are found to be improperly trained and/or they are using the equipment in an unsafe manner they will be removed from the competition.
- Contact an Event Representative when soldering: Work must be supervised & Fire Extinguishers are on site.

CLOTHING

- Required: Skills T-shirt, clean blue jeans and leather work soled shoes.
- NO tennis shoes.

EQUIPMENT

- Competitors will be required to bring their own tools. These tools are listed in the next pages. This is a basic list.
- **You are welcome to bring your own power tools, cordless tools are ok.**
- There will be no extra materials or supplies allowed to be brought into the competition. There will be extra material on site from the chairperson but can only be used for point deductions.
- **THE ONLY TOOL PROVIDED BY THE COMPETITION IS A COMPOUND MITER SAW.** That is a community tool, used at first come first serve basis. (max of 2 provided for Teamworks)

SCOPE

- Resumes are required. They will need to be turned in to the TeamWorks Chairperson (Bryan Newell) on Wednesday with your test.
- There is a written test that will cover the four categories of the build. Carpentry, Masonry, Plumbing and Electrical.
- Each team will be given the project drawing on Wednesday at 8:00 am.
- The Chairperson may ask for your help in shaking out the material
- Wednesday morning will be the start of the build.
- Build includes carpentry, plumbing, electrical, drywall and masonry.
- There will be a Request For Information form for the contestants to ask questions. If the questions relate to needing help with the build, whether how to read the drawings, how to make a cut, whatever, they will be asked, "If they want the chair to answer this question, it will cost them a point deduction." If it is a discrepancy on the drawings or a general question no deductions will be taken.

***** STRUCTURES: IF YOU AND YOUR SCHOOL WOULD LIKE TO TAKE YOUR STRUCTURE BACK HOME, PLEASE HAVE A TRAILER ON THURSDAY AFTERNOON DURING THE UNLOAD, THAT IS BIG ENOUGH TO HAUL A 4X8 X 8'-0 TALL STRUCTURE. YOU WILL BE RESPONSIBLE TO TIE YOUR STRUCTURE DOWN TO YOUR TRAILER.**

CONTEST AGENDA

- Tuesday, April 23, 2023
 - 12:00 - 4:00 NO COMPETITION ON THIS DAY – STAGING ONLY. Material & Equipment Deliveries (Chairperson and Competition set up crews only- no student participation)
- Wednesday, April 24, 2023
 - 7:30 – 8:00 Safety Meeting
 - 8:00 Plans distributed, prep for team presentation
 - 8:30 Team Presentation
 - 8:30-12:00 Build.
 - 12:00 – 12:30 Lunch
 - 12:30 – 5:00 Build
- Thursday, April 25, 2023
 - 7:00 – 12:00 Build
 - 12:00 – 12:30 Lunch
 - 12:30 – 3:00 Build
 - 3:00 – 4:00 Judging
 - 4:00 Debriefing – All teams present.
 - 4:00 – 5:00 Complete Clean Up, Dismantle, help load out, store salvage items.
 - *All teams are responsible for dismantling their structure and cleaning their area.
- Friday, April 26, 2023
 - 1:00 pm Awards Ceremony

GENERAL ITEMS

- Call in for inspections
 - Framing
 - Plumbing
 - Electrical
- Do not glue the pvc bushing into the washer box
- Masonry – we will have wheel barrows and premixed mortar. Just add water and mix.
 - Install the masonry on top of plastic. Wisqueen will be put down in your area by the competition.
- It is ok to ask questions. Will not tell you how to do a task but we are here to help to some extent.
- Extra Material
 - We have some extra material, but it will cost you a deduction in points if you have to use it.
- Tie Breakers
 - Safety
 - Building a set of stairs
 - Number of deductions

REQUIRED STUDENT TOOLS

- Tool Bags – Tape measure, speed square, hammer, pencil, chalk box, chalk, utility knife, pliers.
- Levels – 2' and 4'
- Screw guns and tips. #2 and Drywall countersink
- Power cords and GFCI Three way
- Circular saw
- Framing Square
- Key Hole Saw
- Hole Saws for plumbing
- Saw Horses
- Two Ladders 6' or 8'
- Masonry – Trowel, Pointing/Caulking tool, Brick Rule/Tape.
- Electrical – Pliers, Wire cutters, Wire strippers, Drill, $\frac{3}{4}$ " bit to punch studs, Screw Drivers, Needle Nose Pliers
- Plumbing – Hack Saw/Reciprocating Saw, Hole Saws 2", Hand wrenches.
- Small socket set
- Nut Driver set
- Copper pipe cutter
- Portable torch – standard propane or map gas for soldering
- Metal Snips – Right Hand, Left Hand and Center cut

TOOLS PROVIDED BY THE COMPETITION:

- Mortar Mixer, Wheelbarrows, Shovels, Mortar Stands
- Compound Miter Saws & Stands