

Teamworks

CHAIR: Bryan Newell, Riley Construction

CONTEST CARPENTRY LEAD: Adam Deeds, EBY

CONTEST ELECTRICAL LEAD: Ed Moore, Pittsburg State University

CONTEST MASONRY LEADS: Brent Russell & Todd Dumler, Conco

CONTEST PLUMBING LEAD: Mark Johnson, MSI Group

CONTEST DATE: April 23-25, 2018 (Tuesday, Wednesday & Thursday)

CONTEST LOCATION: Hutchinson Fairgrounds – Meadowlark Building

CONTEST TIME: Tuesday, April 23, 4:00 pm; then April 24-25, 7:30 am

PURPOSE: To evaluate each contestant's preparation for employment and recognize outstanding students for excellence and professionalism in the field of residential carpentry, masonry, plumbing, electricity, and teamwork skills.

ELIGIBILITY: Team of four. Open to a team of four active SkillsUSA members enrolled in a program or programs with building trades as the occupational objective. Team members may be from different chapters (schools).

CLOTHING REQUIREMENT: Unless the contest chair says otherwise, students are required to wear the Official SkillsUSA Kansas T-shirt and blue jeans (no tares, holes, or bagginess) clean and neat with appropriate shoes for contest or Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather shoes.

** Safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.)*

Official SkillsUSA Kansas T-shirt attire



Official SkillsUSA khaki work shirt and pants attire





2019 Skills USA Kansas State Championship

COMPETITION INFORMATION PACKET

TEAMWORKS COMPETITION

April 23-26, 2019

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 Tuesday afternoon, turned in with test materials.
- If contestants are found to be improperly trained and/or they are using the equipment in an unsafe manner the 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, if you notice something that has been missed please let me know. If a tool has been missed I will let all competitors know before the competition. If you see something I have missed please let me know. **“PLEASE, DO NOT BRING EVERY TOOL YOU OWN!**
- Each team will be required to bring their own building base. This will need to be an 8’x8’ base, framed with nominal 2”x4” lumber and two sheets of ¾” plywood.
- 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.

SCOPE

- Resumes are required. They will need to be turned in to the TeamWorks Chairperson (Bryan Newell) on Tuesday with your test (bring 2 copies)
- 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 for one hour on Tuesday at 5:00 pm. After the hour review time you will give the drawings back to the Chair.
- You will be given time to set up your 8'x8' building base so that it is ready to go for Wednesday morning if you choose.
- The Chairperson asks 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.

CONTEST AGENDA

- Tuesday, April 23, 2019
 - 8:00 - 12:00 Material & Equipment Deliveries
- Tuesday, April 23, 2019
 - 1:00-4:00 Team Arrivals -
 - 4:00-5:00 Team Work's Skills Written Test
 - 5:00 Plans Distributed to Teams
 - 5:00 -7:00 2 hr prep time for presentation.
 - 6:00-7:00 Questions (Dinner Provided)
 - 7:00-8:00 Team Presentations & Presentation Judging
- Wednesday, April 24, 2019
 - 7:30 – 8:00 Safety Meeting
 - 8:00 – 12:00 Build
 - 10:00 – 12:30 Lunch
 - 12:30 – 5:00 Build
- Thursday, April 25, 2019
 - 7:00 – 12:00 Build

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- 12:00 – 12:30 Lunch
- 12:30 – 2:00 Build
- 2:00 – 4:00 Judging
- 4:00 – 5:00 Complete Clean Up, Dismantle, help load out, store salvage items.
- Friday, April 26, 2019
 - 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. A roll of visqueen is available.
- 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

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- Hole Saws for plumbing
- Saw Horses
- Two Ladders 6' or 8'
- Masonry – Trowel, Pointing/Caulking tool, Brick Rule/Tape, String line, String line Block, Brush, Shovel, Mortar Board, five gallon bucket.
- 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