

**SKILLSUSA
Student Participant
Instructions**

Students participating in the SkillsUSA residential plumbing contest this year will be roughing in and testing a bathroom module (all modules will be pre-drilled). The module will consist of a water closet, lavatory and tub all on one wall. The materials will be PVC for the drainage, waste and vent system, and copper type M for the water supply system. PVC fittings and pipe for the DWV system and copper fittings and tubing for the water supply system will be provided. Also provided will be riser clamps for holding the DWV system and hold right straps with screws for the water piping and a set of closet bolts. Each student will be given a packet with rough in cut sheets for a water closet, lavatory and tub/shower diverter. They will also be given a schematic drawing of the DWV and water supply systems. Students will be judged on accuracy of measurements, safety and neatness of installation and work area. In the event of a tie, written Prequalifying test scores will be used as a tiebreaker.

Students will be required to bring all tools needed to install the above system's including but not limited to solder, flux, PVC purple primer & PVC glue. Students will **not** be required to bring an air test set.

All students must also have their proper PPE, work boots, safety glasses, long sleeve shirts and leather palm gloves as well as **hard hats**.

Local 777 will be providing the following items only, PVC pipe and fittings, copper tubing and fittings, hold right straps and screws, test caps and air test set up, riser clamps.

Cordless tools are allowed. We will not be supplying power for corded tools.

The winner of the contest will be invited back to Local 777 to work on other projects using both cast iron and PVC for the DWV system as well as the water piping.