



Regional 2020-2021 Contest

WELDING SCULPTURE (Virtual)

Contest Description

The purpose of this contest is to evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of welding or metal trades. The contest is open to active SkillsUSA members enrolled in programs with welding or metal trades as the occupational objective. Contestants demonstrate their ability to design and produce a sculpture of that design, as well as give a presentation regarding all aspects of his/her creation of the design. Students will be required to submit a notebook electronically, displaying evidence of original work. Each participant will be interviewed over zoom regarding aspects of design and creation of the piece.

Regional Competition

The contest consists of three parts:

1. Evaluation of the Sculpture
2. Notebook
3. Interview over Zoom (All contestants will be asked the same questions, to be determined by the judges, before the start of the contest).

Students will be scheduled for a live interview over the Zoom platform (February 6, 2021) Students should be ready to present at their scheduled time. The contestant schedule will be emailed to the advisor/contestants by Friday, December 11, 2020. Changes cannot be made to scheduled time slots. Students will be required to submit their digital notebook and resume to SkillsUSA California **by January 23, 2021** (details to follow).

All SkillsUSA California contest projects are subject to change due to any unforeseen facility, staffing or site-related issues. Please use these materials as a reference to prepare students for the potential contest project. SkillsUSA California regional and state contest projects are developed by state technical committee members to align with the national technical standards.



Regional 2020-2021 Contest

Skill Performance

The contest is designed to assess the ability of the competitor to design and produce a sculpture of that design, as well as answer questions in a brief interview related to all aspects of his or her creation of the design.

Mandatory Project:

Sculptures should be created during the 2019-2020 or 2020-2021 academic year. The EXACT sculpture created for the regional competition **MUST** be used for the state and national competitions if a student advances to each step. (You may **NOT** create a new sculpture **OR** modify the original piece.) Sculptures will be evaluated on workmanship & design. A digital notebook will also be required displaying evidence of original work. Each participant will be interviewed regarding aspects of design and creation of the piece.

Contest Guidelines:

Materials used must be ferrous or nonferrous metals. The sculpture must be an original and creative work of the student. Sculptures may be welded, brazed, or soldered, depending on the material used. Projects are to be left unpainted, including primers and other coatings. (Exception: **sculptures may be clear coated**.) All copyright laws must be followed in the creation of the design. The sculpture must be one continuous piece, not multiple pieces unconnected. The sculpture cannot exceed the maximum size of 18" tall x 12" width 18" long and cannot exceed a weight of 100 lbs.

Notebook – Students will submit a digital notebook of their design prior to their interview. It must contain pictures and supporting evidence, such as receipts, verification letters from a school administrator and other items as necessary.

Check the SkillsUSA National website for information and updates

Interview – The student will participate in a 3 to 5-minute interview over the Zoom platform. Questions from the judges will be related (but not limited) to sculpture creation, inspiration, materials, processes, and workmanship.

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Knowledge Performance

There will be a 50 to 100 question online knowledge exam to evaluate student knowledge of basic welding and cutting processes. General questions about GMAW, GTAW, SMAW, PAC, OFC, and SkillsUSA framework will be included in this test.

Student Materials List

- One-page Resume (SkillsUSA format)
- Student-designed and produced sculpture
- Notes to serve as a professional portfolio
- Computer with high-speed internet capability and camera to use applications such as Zoom. The minimum recommended internet bandwidth speeds for joining Zoom meetings, accessing on-demand curriculum and other online operations is 2.0 Mbps up and down. You can test your current internet speeds by following this link: <https://www.speedtest.net/>. Allow the page to load and click on GO.

Clothing Requirements

Official Dress is NOT required for Regionals. Clothing must be unbranded with no words, images, or logos. SkillsUSA or SkillsUSA California attire is recommended.

Note: Check the Contest Guidelines and/or the updates page on the SkillsUSA and SkillsUSA California website:

- www.skillsusa.org/compete/updates.shtml
- <https://www.skillsusa.org/competitions/skillsusa-championships/contest-descriptions/>
- <https://www.skillsusaca.org/competitive-events-2>

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