**Graphic Image - Sublimation**

SkillsUSA Virginia State Championships

April 5, 2025 – 8 a.m.

Berglund Center, 710 Williamson Road Roanoke, VA 24016

Please refer to the 2024-2026 SkillsUSA National Technical Standards for detailed description of guidelines and requirements. The scope of the contest will be drawn from these standards. *NOTE: ALL contests are subject to increased difficulty levels from previous state competitions to align the scope and skill level to that of National Competitions.*

Clothing: Class E: Competition Specific — Business Casual

• Official SkillsUSA white polo shirt

• Black dress slacks or black dress skirt (knee-length minimum)

• Black closed-toe dress shoes

Note: Wearing socks or hose is not required. If worn, socks must be black dress socks and hose must be either black or skin-tone and seamless/nonpattern.

Sublimation will have three parts.

1. Contestants will sublimate items at school and bring the sublimated items to the state conference for display and judging.
   1. Contestant must bring the following paperwork, verifying that they created and sublimated each of the items.
   2. This will include but not limited to Science Fair Board explain the sublimation process and photos if sublimated items.
   3. Sublimated items (5 to 10 items) to be displayed.
2. Contestants will sublimate three items on the contest day. (Maybe a mug, hardboard, and ornament).
3. Interview and Resume.

State will provide:

1. One half table (approximant 4’)
2. Two chairs per table (1 per contestant)
3. Electricity and extension cords
4. Sublimation Printer
5. Sublimation Mug Printer
6. Sublimation Heat Press
7. Sublimation paper, ink, parchment paper, gloves and heat sensitive tape.
8. Blank sublimation items to print on.
9. Light Table

Contestants will bring the following:

1. Science fair board explain Graphic Image Sublimation Process
   1. Explain the process of Sublimation
   2. To be Neat and well organized (headline, text, and images)
2. Display a minimum of **five, max of 10** of the following sublimated items:
   1. Transfer a graphic on a mug or other drinkware using a mug press.
   2. Transfer a graphic on a mug or other drinkware using a wrap and a convection oven.
   3. Transfer on a mouse pad or other neoprene or closed foam-based product.
   4. Transfer on a metal/aluminum surface. (e.g., license plate tag or frame)
   5. Transfer on a glass surface. (e.g., cutting board)
   6. Transfer on ceramic tiles. (e.g., mosaic tile)
   7. Transfer on hard board. (e.g., cell phone stand)
   8. Transfer on polyester knit fabric. (e.g., T-shirt)
   9. Transfer on stone. (e.g., slates)
   10. Transfer on fiberglass reinforced plastic (FRP). (e.g., key tags)
3. Oral Professional Assessment (interview)
4. Resume & Verification paperwork

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| **Student Select items to be judged** |  |
| Item 1 | 100 |
| Item 2 | 100 |
| Item 3 | 100 |
| Item 4 | 100 |
| Item 5 | 100 |
| **Sublimation – On Site** |  |
| Mug | 100 |
| Hard Board | 100 |
| Ornament | 100 |
| Science Fair Board | 100 |
| Interview Oral Professional Assessment | 100 |
| Resume | 100 |
| Total | 1,100 |