

# GRAPHICS IMAGING SUBLIMATION UPDATE

## SLSC24

### SUPPLIES AND MATERIALS

*Supplied by SkillsUSA:*

- Heat press
- Teflon tape
- Heat protectant gloves
- Ceramic tiles for printing
- Any other products or artwork for printing

*Supplied by the Contestant:*

- USB flash drive with design files loaded
- Printed design, submitted electronically and saved to a flash drive, as outlined in Task 1.
- Sublimation dye and paper for printing design, as outlined in Task 2.

### PRE-CONFERENCE SUBMISSION

Contestants will complete the two tasks below. The tasks must be supervised by a proctor who is a school employee who is not the student's teacher. Students may practice printing in advance, but the task must be completed from start to finish in the time limit indicated for each task. Maintaining integrity is a crucial part of this process. Students will participate in an interview at the state competition about their process, and should be prepared to discuss their process in great detail.

At the state competition, contestants will transfer their tile design onto provided products. Please bring two printed copies of the design to the contest. Additional printing tasks may be assigned onsite, as well as an interview.

### **TASK 1: Create a digital image design for printing a tile mosaic.**

Time Limit: 45 minutes

1. Create a folder on your flash drive with the following name, replacing X with your competitor number:  
GIS Design\_CompetitorX
2. Save one image to your competitor folder with the following name, replacing X with your competitor number: GIS Design\_CompetitorXPhoto.psd
3. Create Mosaic Tile with Adobe Photoshop.
4. Reset all tools and view rulers in inches.
5. Create the four (4.25" x 4.25") ceramic tiles, side by side, horizontal orientation. Photoshop file, CMYK, 300dpi.
6. Save the file in your competitor folder with the following name, replacing X with your competitor number: GIS Design\_CompetitorXTileDesign.psd

7. Include required elements and techniques (each element on an individual layer)
8. Type one of more words with:
  - a. Minimum size 24pt.
  - b. Emboss with 130 depth, size 24px
  - c. Outer glow with screen, opacity-75, spread-20, size-50.
9. Place a digital image from your competitor folder.
10. Place CMYK SkillsUSA logo (download at <https://brandfolder.com/skillsusa/skillsusa-brand-assets>)
11. Type one or more WARPed words with:
  - a. Shell-upper
  - b. Bend-50%
12. Type one word (reversed type) (light floor type against a dark color)
13. Use pantone coated color in design.

## **TASK 2: Print the design on sublimation paper.**

Time Limit: 30 minutes

1. Open your Tile Design File: GIS Design\_CompetitorXTileDesign.psd
2. Select snap to guides, add new vertical guides at 4 1/4", 8 1/2", and 12 3/4". Reposition important image parts away from tile breaks.
3. Select the rectangular marquee tool to fixed ratio and size to 4 1/4" x 4 1/4"
4. Draw the marquee box, snapping to the first vertical guide.
5. Copy the selection and paste it to a new file.
6. Change image size by adding 1/8" to both dimensions.
7. Use image rotation to flip canvas horizontal.
8. Save file as AI and deselect selection.
9. Repeat copy selection and save file for the remaining three tile segments (A2, A3, A4).
10. Select "mirror image" in printer properties
11. Print file to sublimation paper and bring the completed design to Jacksonville.

## **UPLOAD YOUR FILES BY APRIL 10, 2024:**

Upload the following files:

- GIS Design\_CompetitorXPhoto.psd
- GIS Design\_CompetitorXTileDesign.psd
- Signed Proctor Integrity Statement (see following page)

Bring with you to the State Competition:

- Printed design for heat transfer (2 copies)
- USB flash drive with saved art files

# PROCTOR INTEGRITY STATEMENT

## GRAPHIC IMAGING SUBLIMATION

PROCTOR NAME: \_\_\_\_\_

CONTESTANT NAME: \_\_\_\_\_

CONTESTANT SCHOOL: \_\_\_\_\_

I, \_\_\_\_\_, served as a proctor for the student listed above on \_\_\_\_\_ (*date*). I certify that the contestant completed their design and printing tasks without any outside assistance, including support from teachers, other students, written materials, or any other resource.

Further, by signing this form, I attest that the project submitted is the individual, original work of the contestant.

Signed,

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date