

**2019 MICHIGAN SKILLS USA CHAMPIONSHIPS  
TASK AND MATERIALS LIST**

**SKILL OR LEADERSHIP AREA:** 3D VISUALIZATION & ANIMATION

**CONTEST LOCATION:**

Grand Rapids Community College  
Applied Technology Center (ATC)  
151 Fountain NE  
Grand Rapids, MI, US  
(616) 234-GRCC

**RESUME:**

Each student must submit a one-page printed resume before the contest start at the contest site (present to contest coordinator, not judges). The resume is no longer submitted online. This is the only time that resumes can be turned in. Failure to do so will result in a 10 point penalty.

**FRIDAY SET UP:**

- Computers with Maya, Max, ZBrush, Unreal Engine, Photoshop, and After Effects will be provided.
- You are able to bring your own computer and software.
- From 4:00pm – 6:00pm, participants should plan to reserve and setup computers. No setup time is given during the competition.
- It is **highly encouraged** that all teams perform set up on Friday, April 5, 2019, as no additional time will be made available for set up on Saturday, April 6, 2019.
- Please contact Richard VanderMey at [rvandermey@fireknight.net](mailto:rvandermey@fireknight.net) or 616-560-9251 to coordinate your Friday setup.

**TASKS TO BE PERFORMED: \*\*PLEASE NOTE ANY CHANGES OR CLARIFICATIONS\*\***

- Demonstrate Teamwork Management through planning and organization skills (this could include note taking, mapping, sketching, and checklists).
- Generate on site one Completed Storyboard (color optional) that clearly depicts your **30 – 45 second animation. Storyboard turned in at scheduled break for scoring and returned after break to the contestant.**
- Generate on site one Completed .AVI or QuickTime **30 – 45 second animation.**
- Generate and enhance on site (3) three Completed Still Frame Images (.JPG, .TIFF) from your animation that best illustrates the theme of animation.
- Create progressive images/snapshots of screen save on flash drive.
- Submit (1) printed resume per student before contest start at contest site (present to contest coordinator, not judges)

**STUDENTS MUST SUPPLY: In 7 Hours (Lunch Time Included – mandatory 10 minute lunch break)**

- **Artist / Storyboard materials other than paper (supplied); such as color pencils, markers, erasers, or mounting boards.**
- Resource manuals and materials other than those supplied (PDF, Manuals, shortcut key list).
- **Hardware of choice if needed – CPU and monitors with all cables**
- Electrical Surge Protector Power Strip if needed
- All other Materials acceptable to competition rule & regulations
- Sack lunch – lunch is on your own

## **THE FOLLOWING WILL BE SUPPLIED by SkillsUSA (Per Two Person Team)**

- Final Storyboard Paper templates for story boards/Project Log
- 11" X 17" paper or cardstock
- White Drawing paper for sketches
- Resource Materials for the theme
- Sound Files for 30 second to 45 second animation on CD (.WAV and .AIF. Files) if required by contest
- 4 GB Thumb drive
- GRCC/FSU will provide workstations including: MAX, MAYA, and AfterEffects. Any questions, please contact [davidbaker@ferris.edu](mailto:davidbaker@ferris.edu).
- Electrical Power Plug

## **THE FOLLOWING ADDITIONAL MATERIALS ARE ALLOWED**

- Materials that come with software such as textures, colors and mapping NO MODELS.

## **FOLLOWING IS NOT ALLOWED**

- Cell phone usage
- Any Pre-rendered models
- Any Pre-rendered .AVI / QuickTime files, or Sounds, or Sound Effects
- Any Pre-rendered still images
- Pre-built or downloaded models, rigs, scripts, textures, or images
- **No Internet usage allowed!**

## **CLOTHING REQUIREMENT (if different from National contest):**

- Men: Official white polo, black dress slacks, black socks and dress shoes.
- Women: Official white polo or blouse, black dress slacks or skirt, black socks or black or skin-tone seamless hose and dress shoes.
- SkillsUSA official attire is ok.

## **TEAM LIMITS**

- No limit

Revised 11/26/18

# SCORECARD 3-D Visualization and Animation

Contestant Number

Items Evaluated	Possible Points				
Storyboard	100				
Modeling	200				
Textures	100				
Rendering	100				
Lighting	150				
Animation Quality	150				
Overall Quality	200				
Résumé Penalty	0 or -10 only				
Clothing Penalty	Up to -50				
Time Limit	-5 per second				
	(over 45 seconds or under 30 seconds)				
Team Penalty (if competing with less than the required number of team members)	-100				
<b>Total Possible Points</b>	<b>1000</b>				