

2021 KANSAS SKILLS USA CHAMPIONSHIPS TASK AND MATERIALS LIST

SKILL OR LEADERSHIP AREA:

3D VISUALIZATION & ANIMATION

CONTEST LOCATION:

Dodge City High School
Room D339
2201 West Ross Blvd.
Dodge City, Ks 67801

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:

- a) Computers with Maya, Max, ZBrush, Unreal Engine, Photoshop, and After Effects will be provided.
- b) You are able to bring your own computer and software.
- c) From 4:00pm – 6:00pm the day before or 6:00am to 7:00am the day of, participants should plan to reserve and setup computers. No setup time is given during the competition.
- d) It is **highly encouraged** that all teams perform set up the day before.
- e) Please contact Christopher Spindler at spindler_christopher@443mail.org or 620-393-1206 to coordinate your setup.

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

- a) Demonstrate Teamwork Management through planning and organization skills (this could include note taking, mapping, sketching, and checklists).
- b) 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.**
- c) Generate on site one Completed .AVI or QuickTime **30 – 45 second animation.**
- d) Generate and enhance on site (3) three Completed Still Frame Images (.JPG, .TIFF) from your animation that best illustrates the theme of animation.
- e) Create progressive images/snapshots of screen save on flash drive.
- f) 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 Not -Included – mandatory 20 minute lunch break)**

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

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

- a) Final Storyboard Paper templates for story boards/Project Log
- b) 11” X 17” paper or cardstock
- c) White Drawing paper for sketches
- d) Resource Materials for the theme
- e) 4 GB Thumb drive minimum
- f) DCHS will provide workstations including: MAX, MAYA, and AfterEffects. Any questions, please contact spindler_christopher@443mail.org for a workstation
- g) Electrical Power Plug

THE FOLLOWING ADDITIONAL MATERIALS ARE ALLOWED

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

FOLLOWING IS NOT ALLOWED

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

CLOTHING REQUIREMENT (if different from National contest):

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

TEAM LIMITS

- a) No limit

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	-100				
Total Possible Points	1000				