

**2010 MICHIGAN SKILLS USA CHAMPIONSHIPS
TASK AND MATERIALS LIST**

SKILL OR LEADERSHIP AREA: 3D VISUALIZATION & ANIMATION

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 second animation minimum, not to exceed **45 seconds. Storyboard turned in at scheduled break for scoring and returned after break to the contestant.**
- Generate on site one Completed .AVI or QuickTime (****30) thirty second / **900 frame not to exceed (**45) forty-five second/ **1350 frame 3D animation (+-10 frames)**) animation.
- Generate and enhance on site (3) three Completed Still Frame Images (.JPG, .TIFF) from your animation that best illustrates the theme of animation.
- Complete (1) one Written technical test
- Submit (1) resume per student at contest site (present to contest coordinator, not judges)

STUDENTS MUST SUPPLY: In 7 Hours (Lunch Time Included)

- 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).
- **YOUR Software of choice MUST be loaded ON FRIDAY AFTERNOON ONLY.**
- Hardware of choice if needed
- Electrical Surge Protector Power Strip if needed
- All other Materials acceptable to competition rule & regulations

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

- Final Storyboard Paper templates for story boards
- White Drawing paper for sketches
- Resource Materials for the problem
- Sound Files for 30 second to 45 second animation on CD (.WAV and or .AIF. Files)

THE FOLLOWING WILL BE SUPPLIED BY LANSING COMMUNITY COLLEGE (Per Team Member)

- Windows Compatible Work Station (Minimum Contest standard requirements) (See LCC tech hardware problems)
- Electrical Power Plug
- ****NOTICE** SOFTWARE WILL NOT BE PROVIDED BY LCC**
- ****NOTICE** SOFTWARE MUST BE SUPPLIED BY YOUR SCHOOL**

THE FOLLOWING ADDITIONAL MATERIALS ARE ALLOWED

- Materials that come with software such as textures, colors and mapping **NO MODELS.**
- Self generated files containing mapping, textures or colors (**NO PRE CONSTRUCTED MODELS.**)

FOLLOWING IS NOT ALLOWED

- Any Pre-rendered models
- Any Pre-rendered .AVI / QuickTime files, or Sounds, or Sound Effects
- Any Pre-rendered still images
- **Submitting files that were not completed on site**

CLOTHING REQUIREMENT (if different from National contest):

- Men: White shirt, black dress slacks, black socks and dress shoes.
- Women: White shirt or blouse, black dress slacks or skirt, black socks or black or skin-tone seamless hose and dress shoes.

TEAM LIMITS

- 3 teams per school maximum

SCORECARD 3-D Visualization and Animation

Contestant Number

Items Evaluated	Possible Points				
Planning/Storyboard	100				
Modeling	100				
Textures/Visual Effectiveness	100				
Rendering	100				
Lighting	100				
Animation Quality	400				
Overall Quality	100				
Written Test	150				
Résumé Penalty	0 or -50 only				
Clothing Penalty	Up to -50				
Time Limit	-5				
	(over 45 seconds or under 30 seconds)				
Total Possible Points	1150				

SCORECARD 3-D Visualization and Animation

Contestant Number

Comments:					

Date:

Judges' Signatures:
