



Regional Scope Document

2D Character Design and Animation (Secondary) – Feb. 27, 2025
 Contest Length: 6 consecutive hours

Team of Two

Location:

Byrne Creek Community School

Orientation & Check-in time: 8:00 am

Contest Start: 8:30 am

Contest End: 3:00 pm

Lunch Time: 12:00 pm to 12:30 pm

1. Introduction

1.1 Purpose of the Challenge:

- The animation industry is growing and vibrant, providing an opportunity for creative employment. It requires a combination of technical and artistic skills, the ability to manage time, communicate ideas and work together in a team environment. The purpose of this competition is to provide contestants with an opportunity to compete with others at regional level to demonstrate key skills and their understanding of the animation process.
- The fundamental concepts of animation will be emphasized and implemented throughout the **one-day event**. The competition will focus on the participants' ability to tell a story through expressive characters and engaging storytelling.
- Competitors must demonstrate their knowledge of the 12 principles of animation.

2. Contest Description

2.1 Skills and Knowledge to be tested:

- Participants will be challenged to detail and plan the development of a complete animated story based on a flour sack and a bipedal character of their choice, utilizing the sound library and mystery item.
- The competition will focus on the participants' ability to tell a story through expressive characters and the animation process.
- In Preproduction, competitors will outline their idea on paper/digitally and then bring their story to life by creating, animating and compositing the scenes together.
- **Teams will submit their Story Breakdown & Pose test (for Character Reaction only), and 2 Final Animations to the judges.**
- Competitors will be tested on their knowledge, animation skills and technical prowess; they will not be permitted to use manuals.

- Effort will be made to allow processes for competitors that require certain accommodations.

2.2 Tasks that may be performed during the contest:

Teams will have 6 hours to complete 2 animation tests (A&B):

[1 hour] Preproduction (only required for Character Animation Take)

- Competitors will plan a Story Breakdown with at least 3 panels depicting the Setup, Conflict and Resolution. This panel must include the character's reaction to the mystery object.
 - The final product must *follow* the 3-panel Story Breakdown laid out in preproduction.
- The Pose Test(s) MUST include 1 pose representing the character's personality which will be portrayed in the final animation, as well as a short character bio.

[5 hours] Animation

A. [1.5 hours] Animation of a Flour Sack

- **Description:** The flour sack (with 4 corner tassels) should incorporate **2 actions** from the following list:
 - *climbing up and over*
 - *jumping over a gap (ie. puddle)*
 - *standing up (as if it is coming to life)*
 - *dropping like a brick*
 - *hopping*
 - *tumbling*
 - *dodging an item*
 - *reaching up to grab something and/or pull something (weight grab)*
- **Background/Stage:** The competitor must develop background elements/assets to adequately stage the action and support the animation.
- **Camera Movement:** No camera movement, just a stationary camera (locked).
- **Animation Length:** **Minimum 3 seconds and Maximum 4 seconds.**

B. [3.5 hours] Character Animation Take

- **Description:** Competitors will animate a character having **one surprised reaction** to a mystery object entering the screen.
 - The character must be bipedal (Human or Robot Character with 2 arms, 2 legs, a head, and a torso).
 - The mystery object will be revealed during orientation. Competitors must demonstrate the principles of animation.
- **Background/Stage:** The competitor must develop background elements/assets to adequately stage the action and support the animation.
- **Aesthetic/Style:** Background, character, and mystery object must be coloured.
- **Camera Movement:** Competitors are allowed and encouraged to include camera movements and cuts to enhance the action/intent of the scene.
- **Animation Length:** **Minimum 3 seconds and Maximum 5 seconds.**

2.3 Sound Incorporation:

- Competitors must add sound effects to their completed shots, using the provided Sound Library of audio clips (.mp3 and .wav). Audio clips and recorded sound can

be edited using sound editing software. No additional sounds may be used or incorporated.

2.4 Publishing Requirements:

- Format: 1920 x 1080 (pixels), 24 fps, and .mp4.
The submission needs to be named like the example:
TEAM#_flour-sack
- The completed animations must be no more than **4** and **5 seconds** respectively. If animation exceeds the max length or is too short, teams will be deducted points.
- All animation renders must be completed by 2:30 PM.
- There must be an obvious beginning and end to the final animation.
 - Begin with Title Slate in which you identify your assigned team number.
 - End with a fade to black (fade out).
- Nowhere within the presentation and supporting documents should the name of the students or their school appear.

3. Equipment, Material, Clothing

3.1 Competitors must bring their own computer and software to the Skills B.C. Competition.

- Due to changes within the Adobe ecosystem and rules around licenses, competitors must bring their own devices to use at the competition with the applicable software licenses. Our site will provide a WIFI connection to ensure your ability to connect for securing your license.
 - If competitors are bringing a **computer supplied by their school** (instead of their own personal computer), their user account must have administrator-level access for the duration of the competition in the event that specific system folders or files need to be accessed to permit the install of software or driver updates or access settings to troubleshoot issues.
- A limited number of Desktop computers can be made available by Skills BC if arrangements are made 1 month before the competition date.
- Competitors may have up to 2 computers running; backup computers are acceptable.
- Students will still need to connect with a Desktop Ethernet connection to ensure their ability to secure their license. **Please ensure you bring your own Ethernet network adapter if your computer does not have one built in.**
- Other than operating software, no files are permitted on the desktop or laptop. Files must be removed prior to the competition orientation.
- Competitors are required to supply their own computer and peripherals, including mouse, keyboard, headphones/earphones, cables and docking station if as required.
 - Some competitors may want to bring ear plugs/noise canceling headphones

3.2 Software:

- Toon Boom Harmony, Toon Boom Storyboard Pro, Adobe Flash/Animate (with student license)
- Graphic and Storyboarding Software: SketchBook Pro. Krita, Gimp
- VLC Player (viewing software)
- It is recommended that the computer is running the latest Creative Cloud Software or the newest version of Adobe Creative Suite
- Tablets and driver (Driver compatible with Windows 7 or 10/11 64 bit)

- No external support programs, plug-ins, or documentation (other than those found in the final shipped version of the software) may be used.
- The competitor is responsible for any malfunctioning software that has been installed.
- Please ensure your anti-virus is up to date. Failure to have up to date antivirus software could result in point deduction(s) or disqualification from the contest.

3.3 Required Clothing (Provided by Competitor)

- Competitors must be dressed in a clean and appropriate manner with no school name, provincial name, or commercial logo on any visible attire.

3.3 Provided by Skills Canada B.C. Technical Committee:

- Equipment:
 - tables & chairs
 - X 120V power outlets.
 - WiFi dongles
 - empty USBs to submit work at the end of the competition
- Materials:
 - pencils
 - blank paper for drawing
 - tissue box
- Lunches will be provided. Water stations will be nearby (please bring refillable water bottle).

3.5 Use of Technology

- **No use of AI generated work or cell phone apps are permitted.**
- Teams will work independently. Instructors/Observers will give NO technical assistance.
- Prior to attending the Skills Canada B.C. Competition, students should be familiar and competent in the use of the tools and equipment listed above as well as safety precautions.
- Additional materials or assisting devices are not permitted unless listed above.
- Mobile phones
 - Competitors are not permitted to use their cell phones for calling, texting, or accessing the internet. Internet may be used for references only.
 - MP3 players or cell phones on airplane mode are permitted during the competition to listen to music provided the competitor wears headphones or earbuds.
- Failure to comply with this rule will result in disqualification.

4. Submission Process

- The 3-Panel Storyboard Breakdowns and Character Pose Test must be done by **9:30am**.
- Final Animation must be submitted by **2:30pm**. Any submission received after 2:30pm will have deductions of points for each minute passed.
- Submit each file according to the named folders in the provided USB.

Submission must include:

<p>Early Morning Submissions:</p> <p>8:30am – Start Time 9:30am – Finish Planning</p>	<p>Preproduction (Character Take Only)</p> <p>-3-Panel Storyboard Breakdown -Character Pose Test(s)</p>	<p>Format: 1920 x 1080 pixels in .mp4 @ 24 FPS</p> <p>File Naming Convention: TEAM#_FlourSack OR TEAM#_CharacterTake</p>
--	--	--

		Put your team's number instead of #.
Final Submission: 9:30am – Begin Animation 2:30pm – Due Time	Final Animation -FlourSack (Max 4 seconds) -CharacterTake (Max 5 seconds)	

5. Assessment

6.1 Point breakdown:

POINT BREAKDOWN	/100
<i>Preproduction</i>	10
<i>Animation #1 FlourSack</i>	30
<i>Animation #2 CharacterTake (Reaction)</i>	40
<i>Creative Use of Mystery Object</i>	15
<i>Final Sequence</i>	5

6. Additional Information

8.1 Interpreter

If a competitor requires the help of an interpreter once onsite during the competition, the competitor must contact Skills/Compétences Canada Regional a minimum of 1 month prior to the competition or this service may not be guaranteed.

Technical Committee

Tahmineh Sarbazzadeh	Tech Chair	tahmineh.sarbazzadeh@burnabyschools.ca
Nicolas Briellmann	Judge	briellmann.nicolas@gmail.com