PREMIERE: Stop-motion Animation
CASIIT Multimedia I

LEARNING TARGET(S)

- Use a digital camera and clay (or paper) to create an original 10 second stop-motion animation.
- Use Premiere to create a digital video that includes images, titles and sound.

PROCESS

1. **PLAN**: Create a Story Map of two (2) different ideas for your animation.

2. **BUILD**: Create a "cut-list" of all the different pieces you will need to create your animation. Then, use clay and paper to cut and build the characters and backgrounds of your story.

3. **SHOOT**: Use a digital camera to shoot your animation. Once finished, upload all your photos into a new folder on OneDrive.

   Remember the *"Persistence of Vision"* phenomenon states 10-12 fps is when your brain starts to see moving images from still images.
   So, you will use 12 fps for your animation (standard video is 30 fps)

   20 sec. = 240 pictures | 15 sec. = 180 pictures | 10 sec. = 120 pictures

4. **RESIZE**: Create an action in Photoshop to resize your image to **720 pixels W** and **72 pixels/inch**. Choose File > Automate > Batch… to run the resize action on the folder with your photos.

5. **VIDEO 1**: Import your photos into Photoshop by choosing File > Scripts > Load Files into Stack… NOTE: This will take a few minutes to process, so don't do anything while Photoshop is running. After Photoshop loads your images into layers, open the Timeline window and click on the "**Create Frame Animation**" button. Then, from the Timeline menu, choose "**Make Frames From Layers**". If your photos are in reverse order, select "**Reverse Frames**" from the Timeline menu. Lastly, set the frame delay of each frame to "0.08 seconds".

6. **EXPORT VIDEO 1**: Choose File > Export > Render Video… Change the Format to "**H.264**" and the Frame Rate to "**12fps**", then click "**Render**" to export your pictures as a MP4 video file.

7. **PREMIERE**: Create a new project in Premiere. Choose File > Import and browse to select your exported Photoshop video file, then click "Open". Drag your video onto your timeline. Next, right-click on the sequence in your project bin window and select "**Sequence Settings…**". Verify that the Timebase is set to "12 frames/second". Finally, add a **title**, **credits** and **sound**.

8. **EXPORT FINAL**: When finished, choose File > Export > Media… Change the format to "**H.264**" and make sure "**Export Video**" and "**Export Audio**" are checked and then press "Export". Save as *"LastnameFirstInitial_FinalStopmotion"*

9. **SUBMIT**: Upload your final video to Canvas.

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REQUIRED

- ✓ Length: at least **10 seconds** of stop-motion animation (120 pictures)
- ✓ Beginning **title**
- ✓ Ending **credits**

- ✓ **Audio** *(music and/or sound effects)*
- ✓ Completed animation saved as a **MP4 movie file**

ASSESSMENT *see Interactive Media grading rubric for more information*

	REQUIREMENTS		UNITY and AESTHETICS	
Mastery	Included all requirements. May have added detail that shows additional problem solving.	**4/5**	Elements of Art/Principles of Design used show mastery. May show additional thought and understanding of design composition and unity.	**4/5**
Approaching	Missing one (1) or more requirements.	**3**	Most Elements of Art/Principles of Design used work together to show understanding. One (1) or more improvements could be made.	**3**
Progressing	Missing two (2) or more requirements.	**2**	Few Elements of Art/Principles of Design used work together to show understanding. Two (2) or more improvements needed.	**2**
Not Meeting	Missing three (3) or more requirements.	**1**	Elements of Art/Principles of Design used do not work together to show understanding. Three (3) or more improvements needed.	**1**
NE	No evidence.	**0**	No evidence.	**0**