



Stop Motion

Scriptures for Meditation:

Then the Lord God formed man of dust from the ground, and breathed into his nostrils the breath of life; and man became a living being.

Genesis 2:7 (NASB)

⁸ But do not let this one fact escape your notice, beloved, that with the Lord one day is like a thousand years, and a thousand years like one day. ⁹ The Lord is not slow about His promise, as some count slowness, but is patient toward you, not wishing for any to perish but for all to come to repentance.

2 Peter 3:8-9(NASB)

"Scripture taken from the NEW AMERICAN STANDARD BIBLE®, Copyright © 1960,1962,1963,1968,1971,1972,1973,1975,1977,1995 by The Lockman Foundation. Used by permission."

Description: You will film and edit a stop motion short film.

Learning Targets: I can...

- Film a stop motion movie.
- Edit a stop motion movie in Adobe Premiere Pro.

Supplies Needed

- Camera
- A way to keep the camera steady
- Household items that will be “brought to life”

Project Assessment: Your Film will be assessed using the following rubrics

- [Professionalism Rubric](#)
- [Cinematography Rubric](#)
- [Editing Rubric](#)
- [Reflection Rubric](#)

Procedure:

1. Plan a short film consisting of multiple shots in which household items “come to life” by moving on their own.
2. Plan your shots using the [Blank Storyboards](#)
3. Create or gather your characters, props, & sets.
4. Using your camera take photos that will be used to create a stop motion.
 - a. Set your camera to the highest resolution setting.
 - b. If you are using an iPhone set it to save the files as JPEG not HEIC
 - c. Make sure your camera is placed in a stable position so it will not move when you press the button to make a picture.

- d. Adjust your lighting & exposure.
- e. Take a photo of your scene.
- f. Move an object or objects a little bit to a new position.
- g. Take another photo.
- h. Repeat the process until you have made enough photos for your first shot (shot of 5 seconds would be about 150 photos)
 - The smaller the distance you move an object the slower the object will move
 - The larger the distance you move an object the faster the object will move
- i. Repeat steps c through g for each of the shots & scenes for your film.
5. Create a folder titled *Stop Motion* on your editing computer
6. Create separate folders for each of your shots in your Stop Motion folder
7. Copy the photos to each of the Shot folders in the Stop Motion folder on your editing computer
8. Rename each photo (if necessary) so that they are in a numbered order (1,2,3,4,5,6,7, etc.)
9. Open Premiere Pro and Create a new Project titled *Stop Motion* and save it in your Stop Motion folder.
10. Create a Bin for each of your scenes.
11. Double click your Scene 1 bin to open it.
12. Go to File>Import or double click the empty area in one of your Scene Bins
13. When the import window opens select the first image only
14. Click the checkbox in the lower left corner that says *Image Sequence*
15. Go to File>New>Sequence
16. Click the Settings tab at the top of dialogue box
17. In *Editing Mode* pulldown menu choose *Custom*
18. In the *Timebase* select 24 frames per second
19. In the *Frame Size* section type in a width of 4096 and a height of 2160
20. Leave the rest of the settings the way they are
21. If you haven't saved this as a preset before click the *Save Preset* button and name the preset 4K in the Description section type *General 4K preset*
22. The preset will now show up as one of your presets.
23. Select your newly created preset from the list under Custom
24. Title the sequence your Stop Motion
25. The Images will be brought in as a single clip.
26. Drag the scene clip that you want to edit into the timeline
27. Because your camera may have been photographing at a higher resolution you may need to resize the clip so that none of it is being cut off.
 - a. To resize the clip select it in the timeline
 - b. Go to the *Effect Controls* window and click the arrow next to motion to reveal more options.
 - c. Click and drag the numbers in the *Scale* section until the image is properly scaled to fit in the window, be sure that it fills the frame correctly and doesn't have any black borders.
 - d. You can also animate the camera by using keyframes in the Scale & Position sections of the Effect Controls box
28. Play your animation (If your computer is having a hard time playing it, go to Sequence>Render In to Out. Or you can lower the playback resolution in the lower right hand corner of the Program Monitor).
29. If it plays too fast or slow right click it in the timeline and select *Speed/Duration* and adjust the speed percentage until it looks right.
30. Make sure you save often.

31. Add your other shots and scenes and edit your film
32. Find Music from an authorized source or SmartSound.com (If you are using SmartSound let the instructor know via email what piece of music and variation you want to use and the length in minutes, seconds, and frames.
33. Add music to your film and finish the edit.
34. Export your film.
35. Upload your film to Google Drive
36. Link your film to the Google Classroom assignment.
37. Reflect upon your learning by answering each of the below questions/prompts below.
 - a. What challenges did you face in creating your animation?
 - b. What were the most rewarding parts of the project?
 - c. List 2-3 specific films/videos that influenced your creative process and how they influence it.
 -
 -
 -
 - d. How might you use this technique in the future?
 - e. Write a brief synopsis of your film that would be included in the submission to festivals/contests and the Hawaii Baptist Academy Arts & Film Festival (HBAAFF)
 -
 - f. Read the Scripture for Meditation found above and then answer the following questions.
 - How is creating the stop motion animation similar to Genesis 2:7?
 - How is it different from Genesis 2:7?
 - According to 2 Peter 3:8-9, why does God not bring judgment upon people and the world immediately? Why is that good, and what does that mean for all people including you?