Name(s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Stop Motion Animation

  Creating a stop motion animation movie requires a lot of patience and creativity.  In order to  achieve the illusion of animation, each frame has to be carefully setup and precisely filmed.  This  process is tedious and time‐consuming; however, when properly done, can create an outstanding  movie effect.

Your goal is to produce a stop motion animation movie.  Your movie should be approximately

30  length (not including intro or credits), if doing it in a group (2) must be minimum of 60 seconds).  You may do Object, Clay, Cutout or puppet Animation.

# Project Checklist

# Pre-Production

* Brainstorm ideas on what you can animate.
* Develop a Story Board to organize the scene.
* Gather all items needed for your production.
	+ Backdrop
	+ Models, extras, how are you going to hold up your objects, where is camera going to be?
	+ Tripod, lighting and Camera
* Think about Post Production
	+ Are you going to add an effect/s? Voiceover?
	+ Music/sound effects
	+ Titles…location beginning and ending

 Video Quality

* Break down the animation movements into small “frames”.
	+ There should be 12 to 15 frames for each second of the finished movie.
	+ Your finished movie should be approximately 30-60 seconds.
	+ This means that you need to photograph a minimum of 360 frames of animation.
	+ Your final movie will look choppier if you use fewer frames per second.
	+ However, if you use a lot of frames per second, you will have a lot more work.
	+ Find a happy medium (which is why I recommend 12-15 frames per second).
* Shoot 1 picture
* LIGHTING IS IMPORANT!!!
* Avoid changes in the background that will deter from the animation effect.

# Sound Quality- Think about this ahead of time-

* Add music to make the movie more interesting.
* Add appropriate sound effects or voice‐overs if desired.

# Final Movie Quality

* Set up your properties in
* Drag frames onto the timeline to create the movie. Set your frame rate
* Review the movie and make adjustments to ease the “choppy effect” of the film.

# Post-Production

* Watch your movie for any mistakes.
* Make any final edits your group decides upon.
* Add your effects/text, music/sound effects etc.
* Export it as an MP4. You should know how by now!

# Final Movie Grading

* Storyboard or outline/ Preparation Smooth Beginning…Ending…Plot/Story line (10)
* Stop Motion Time is Minimum 30 Seconds (Group is 60 seconds) (Credits and Introduction Text Does not count in Time) (10)
* Smooth Motions of animation images, this means enough pictures, no hands or body parts in pics etc. (20)
* Title/Introduction at Beginning…Credits at End (can be animated text over your first still frame)(10)
* Sound effects and/or background music/narration with appropriate fade. (10)
* Creativity/ Final Product/time spent (10)

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Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Stop Motion 30- 60 Seconds

What type of medium Stop Motion are you doing?

Where will you create the performance?

What type of scene will you need…. Sketch a small example below?

What Props/ materials will you need for the production?

Give me a brief description or picture of the following:

1. Opening

2. Build Up

3. Climax

4. Resolution

5. Ending

Create a 6-12 slide storyboard of the above: