Stop Motion Animation

The Guide

February 25th, 2015
Booking & Equipment

Booking:
- Book iPad Touchlab for your desired date and time

Equipment:
- 12 iPads
- Projector/Screen
- Any craft supplies you decide to supply for the students’ animations (ex. LEGOos, Play-Doh, action figures, colored paper, markers, etc.)
- Green Screen Materials
  - Bookends
  - Neon green paper
  - Tape
  - Book holders (iPad stand)
- Remember to charge the iPads before the program
Stop Motion Curriculum

Program Length: 1 or 2 hours
- For a 1 hour program you will have about 15-20 minutes of instruction and 45-50 minutes of creation time.
- For a 2 hour program you will have about 20-30 minutes of instruction and the rest for creation time.

Program Description:
Stop Motion Animation
Bring Lego(R) characters to life and sculpt your own story using Stop Motion for iPad. With a signed parent release, we'll share your masterpieces online!

Registration:
- Limit registration to 11; 22 if you have groups of two working together.
- Staff member should play/experiment with Stop Motion to create a sample animation for use during the program.

Set-Up:
- Projector/Screen with presenter iPad
- At each station, including instructor
  1 iPad and optional power cord
Helpful language to set expectations:
“There are a few things I need you to hear before we start”:
- “We will be learning to use Stop Motion for this program today.”
- “We will begin by doing a quick overview and then going over ways to create projects in Stop Motion.”
- “Please stay focused on the Stop Motion app. You may be asked to leave if you are not engaged in the program.”

Stop Motion Examples: [5-10 min]

- How to Make Stop Motion Animation
- Lego Harry Potter Stop Motion
- LEGO a Hobbit Halloween
Stop Motion Steps:

1. Open Stop Motion in the Media Makers folder

2. Tap the plus sign to start a new project
3. Ask students to draw a simple storyboard, frame by frame, to guide their project (include background colors, drawings, etc.) [10 min]

4. Tap the red button to take pictures (we will not be using the video portion)
5. If you would like the camera to automatically take pictures at 5-90 second intervals you can slide the timer slider (to change interval tap the timepiece button to the right side of the slider).

6. To delete a frame (picture) tap on it then tap the delete button
7. To move a frame you have to tap it, copy, swipe to the frame that will follow the frame you are moving, tap that frame, tap paste, then delete the frame from its original position (see how storyboarding can prevent these edits!)

8. To add a green screen image see Appendix I

9. If you want a frame to pause for several seconds, tap the frame, tap hold

10. To play, hit the play button above the red capture button

11. Is the animation too fast or slow? Tap the gear icon for settings. You can stop the loop it is on, as well as changing speeds with the slider.
12. To add audio, click on the microphone icon to record (We will not be using music from iTunes).

13. If you want the video to fade in from or out to black, tap the clapboard icon. Use your finger to scroll down in the circled area.
14. There are many more features you can play with. For information on how to do so, tap the ?. There is a green link on the bottom left of the screen Need more help. Tap here.

15. Share your project on YouTube or email to yourself
• Encourage participants to brainstorm ideas amongst themselves or with the presenter.
• Allow participants 30 minutes to create and animate their own personalized animation videos.
• Ask for volunteers to share their animations with the class.
Green Screen

Instructions

1. Choose an image for the green screen to make as a background
   a. You may take your own picture
   - or -
   b. Find a picture online, save it to the Camera Roll
      - Tap and hold your finger on an image, then tap save image to get it into your Camera Roll

2. Create a green background. (You can tape green pieces of paper to book ends)

3. To activate the green screen feature, tap the camera icon, tap the picture of the folder with a down arrow inside, tap Green Screen
4. Take a picture for the background or choose one from the Camera Roll
   a. To take a picture, simply tap the red capture button

   b. To choose a picture from the photo library, tap the button that will now appear next to the camera icon, tap Camera Roll, and choose a photo from the Camera Roll

5. Start taking photos…
Stop Motion

Resources

- YOUTUBE.com is a great way to get inspired by watching other people’s stop motion creations.
