



Entertainment Technology



Badge Overview

Explore the ins and outs of entertainment technology. When you've earned this badge, you'll know the science behind the world of entertainment.

Badge Components

1. Animate your own artwork

2. Create your own special effects

3. Surf a sound wave

Create your own Stop Animation Movie.

- What is Stop Animation?—Watch this [video](#) to find out a little bit more about stop animation movies.
- Download one of the following free apps to help you make your movie:
 - o [PicPac](#) (Android)—stop animation app for Android phones
 - o [Stop Motion Studio](#) (Apple or Android)—stop animation app for iPhones and iPads or androids.
- Special effects
 - o Watch this [video](#) to get inspiration and instructions on how to add special effects to your stop animation.
- What is a Story Board?
 - o To make a plan for the story of your movie you are going to need to create a storyboard. You can see how John Lasseter the creator of Toy Story and Monsters Inc. and Andrew Stanton the Co-director of A Bug's Life create a story board by watching this [video](#).
- What is your movie going to be about?
 - o Now you need to decide what you are going to make your stop animation movie about. Use the Storyboard Template PDF to create your storyboard. You also need to choose what you are going to film; you could do Claymation using play dough, or use people, objects or toys.
- Get filming!
- Sound effects
 - o Make sure you add sound to your video too, you can watch this [video](#) to find out a little more about how Foley Artists do their job. A Foley artist is a person who re-creates sounds for film, video, and other media in post-production to add to the sound. They replace sounds that cannot properly be recorded on set.

4. Dig into video game development

Watch the first 2 minutes of this [video](#) to learn how to make an Agamograph.

- (Optional – If you would like to put into practice what you just learned, you can try coding a game by going to this [website](#) and working your way through the activities).

5. Try the science of amusement park rides

Try your hand at being a Disney Imagineer!

- Go to this [website](#) and follow the instructions and videos to design and plan you own amusement park ride.

Materials

- Cell Phone or Tablet
- Adult permission to download an app
- [Storyboard Template PDF](#)

Florida Educational Standards

The content of all Girl Scout national proficiency Badges and Journeys have been correlated by grade level to national and state learning objectives.

[Click here](#) for more information on how Girl Scout Badge-work supports Florida's educational standards.



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Include her name, troop# and the name of the badge she's working on and we'll feature her.

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