

## **ACTION! Stop Motion Animation**

For **Cadettes**: An activity to help you earn the Digital Movie Maker Badge

### **You will need:**

- A phone or tablet and a tripod
- Stop motion animation app (Stop Motion, StikBot Studio, I Can Animate, etc.)
- A set
- Storyboard
- Characters

### **Step One: Brainstorm**

What kind of story do you want to tell? Who will your characters be? A character can be anything from a leaf to an action figure to a blob of clay! Look around your home or backyard for characters that you will bring to life.

How long will your animation be? Remember that film is generally 24 frames per second, which means that you'll need 24 pictures for each second of your movie. A ten second animation will be 240 pictures, and a one-minute animation will be 1440!

### **Step Two: Storyboard**

Storyboarding is an important step in the filmmaking process because it helps you plan your production and decide how your movie will look. Your storyboard can be as elaborate or as simple as you'd like, but you should at least plan a beginning, middle, and end for your animation.

Draw a visual for how it will look, and then write a description of the action.

Video resource on storyboarding:

<https://www.nfb.ca/playlists/stopmostudio/playback/#6>

### **Step Three: Build Your Set**

Your set should be a spot where your characters and camera can be set up without being disturbed for the entire time you're filming. You can build a background for your characters, or just use a background that already exists in your home.

### **Step Four: Action!**

It's time to set up the shot! Use a tripod to set up your phone or tablet so that it will stay still while you're filming. Use your stop motion app to create your movie. It may take some experimentation before you get the hang of it, so be patient with yourself and have fun!

Video resource on production: <https://www.nfb.ca/playlists/stopmostudio/playback/#8>

### **Step Five: Premiere**

Share your movie (be sure to use #gsgcstopmo !) and watch what other Girl Scouts created!

### **Resources**

*Video: What is Stop Motion and How Does it Work?*  
<https://www.youtube.com/watch?v=wVjMFU11hVA>

*Video: How To Make Stop Motion Videos*  
<https://www.youtube.com/watch?v=ppedXZHhE0>

*Website: <http://www.makerspaceforeducation.com/stop-motion-animation.html>*

*Website: National Film Board of Canada has a website with tutorials, videos, and resources for educators <https://www.nfb.ca/playlists/stopmostudio/>*