



What is Stop Motion Animation?

Stop motion animation is a film making technique that makes inanimate objects appear to move on their own. You shoot one still frame, move the characters slightly, then shoot another -- then repeat hundreds or thousands of times. Fortunately there is now an app for that!

What is this year's theme?

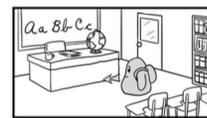
This year our theme will be **"CREATING THE FUTURE"**. What challenges will impact our students' generation, and what solutions will they engineer to create new possibilities that make the world a better place? Check out the many resources from past festivals at **ogestem.com**, as well as the playlists from previous years. Many students already have experience in creating their own worlds through coding and gaming. Now they can put their imagination into film - stop motion film.

Remember to **keep the film short, under 2 minutes** if possible, and **make sure it has a title with the "director's" name** in the film so all viewers can identify our talented filmmakers.

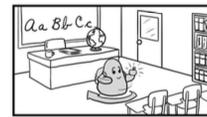
We've never done this before. Where do we start?

There are many stop-motion tutorials online and there are apps for phone and tablets, including: Stop Motion Studio, Stop Motion Cartoon Maker, and Stickbot Studio. Although lego is the most common medium, students can use any kind of props and backgrounds. Parents can help, but *remember to follow the director's lead and let this be the student's work!* They can work with friends or siblings, just make sure everyone is credited. Storyboards are a great way to start with planning, and you can even find videos on making a storyboard. Go to: **OGESTEM.COM** and click on the "Brick Film Festival" button for more info.

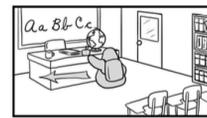
storyboard



action
Character walks to middle of frame.



action
Character spins quickly, apple appears in left hand during spin.



action
Character places apple on teacher's desk, exits to left of frame.

Our film is complete! Now what?

You must **upload your video to youtube** and send the link to **OakGroveSTEM@comcast.net** **by February 20 at midnight.** *Please do not send film files, only the youtube link.* Include all filmmakers' names and their homeroom teacher. All films meeting the deadline will be included in the film festival playlist that will be shared during school on Friday, February 24th. All filmmakers will also receive a badge to wear to identify them as a stop motion Director!



Why stop motion?

Stop motion offers students ownership and autonomy in the film making process, encourages problem solving due to the creative constraints, encourages project planning, fosters iteration and experimentation through trying and testing, and supports storytelling. Plus, it's really fun!

CREATING THE FUTURE

ogestem.com