

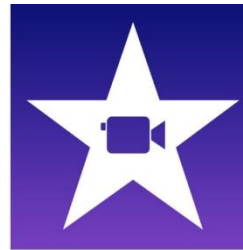
Year 5 - Computing Knowledge Organiser - Stop-Motion Animation

Key Knowledge

- Around 12 frames (or images) are needed to make 1 second of film.
- The most successful stop-motion animation films move the objects rather than the device.
- iMovie can be used to edit the length of a clip, the speed of a clip, the sound effects that are added and the volume and length of any sound.
- Filters can be added to photos, and photos can be cropped and rotated to focus on the important part of a shot.

What software will we use?

Camera app
iMovie



stop-motion	when you take an object or a model and move them a tiny amount at a time
animation	the process of giving the illusion of movement to drawings, models, or inanimate objects
edit	to prepare something by correcting, condensing, or otherwise modifying it
transition	the process of changing from one place, scene or state to another
evaluate	to form an idea about or assess something
background	the scene behind the action which helps to illustrate the setting
device	a thing made or adapted for a particular purpose, especially a piece of mechanical or electronic equipment.
animation stand	a stand upon which a device can rest so that it is steady for capturing images
frame	a single complete picture in a series forming a cinema, television, or video film
crop	to remove part of a photograph (or other image) in order to produce a better picture or to fit a given space

Key Skills

- Plan a multi-scene animation
- Evaluate digital content
- Make choices from search results and refine search results to get more accurate results
- Use photographing software to capture scenes, including changing angles and filters
- Edit a stop-go animation using onion-skinning feature to improve quality
- Edit and refine a movie using text, sound effects, graphics and backing tracks

What do I already know?

- How to use the camera app to take photos
- How to view photos using the camera roll
- How to edit a photo by adding a filter
- How to use Adobe Spark to add music and text to an image
- That stop-motion animation has been used to create many successful films and TV programs, such as The Lego Movie and Wallace and Gromit.