

Stop Motion Animation

Description of activity

Stop motion animation is a film-making technique where objects are changed and moved in small ways and captured one frame (picture) at a time. These frames are then pulled together and played in sequence to tell the full story. Films like Shaun the Sheep, The Nightmare Before Christmas and the Wallace and Gromit films are all created using stop motion.

With this type of animation, imagination is key – what type of resources can you use? What kind of story can you tell? Think about the Sustainable Development Goals (SDGs) and resources available, use your imaginations and create your animation film through the Stop Motion Studio app!

If there's time, you can also add music or sounds to enhance your film.

Number of Children taking part in activity:

Ideal group size should be no more than 4 people – 1 person to hold the phone/tablet and 3 to move and change the objects and resources. All 4 people in the group will work together to create the story and pull together the resources.

Play Space used:

Open area preferable, you will need space to set up your 'studio'

Sustainability goals incorporated into activity:

Stop Motion films can be created for any of the Sustainable Development Goals. Use natural, recyclable, reusable and sustainable resources to meet SDG 12 – Responsible consumption and production.

Suggested Learning Outcomes for Children:

- Enhance technology skills
- Understanding a step-by-step process with an end result
- Build imagination, creativity and story-telling skills
- Alternative mediums of story-telling
- Team working and collaboration
- Problem solving

Meta Skills

Self-Management

Focusing ☒ **Integrity** ☒ **Adapting** ☐ **Initiative** ☒

Social Intelligence

Communicating ☒ **Feeling** ☐ **Collaborating** ☒ **Leading** ☒

Innovation

Curiosity ☐ **Sense-making** ☐ **Creativity** ☒ **Critical Thinking** ☐

Activity Time:

Anywhere from 40 minutes 1 hour 30 minutes

Resources Required:

- Sustainability goals
- Playmobile/lego
- Natural resources (things like sticks, wooden materials, etc)
- iPads/tablets
- QR codes for Stop Motion Studio
- Paper, Pens/pencils, Scissors
- Sellotape and glue
- Lollipop sticks/straws

Requirements for Risk Assessment:

- Possibility of choking due to small parts being used.
- Possibility of cutting themselves or others while using scissors.
- Possibility of non-consensual photos being taken while using technology.
- ***Possible risk assessment required on area being used***

Implementation (step by step guide):

- Source tablets or phones
- Download Stop Motion Studio app
- Set out resources and materials
- Find suitable 'studio' area
- Get into groups and assign tablets/phones
- Groups discuss story plan – SDGs, resources needed, assign roles, create storyline
- Groups gather required resources and set up 'studio'
- Start a timer as a visual cue
- Begin filming process
- Complete animation
- If time allows add sounds/music (optional)
- Discuss final film with full class – why you chose this subject, which SDGs does it meet, what team roles were assigned and why, answer questions from peers

