

Year 3 – Animation

Unit introduction

During this unit, learners will use a range of techniques to create a stop frame animation using tablets. Next, they will apply those skills to create a story-based animation. This unit will conclude with learners adding other types of media to their animation, such as music and text.

Overview of lessons

Lesson	Brief overview	Learning objectives
Lesson 1 – Can a picture move?	Learners will discuss whether they think a picture can move. They will learn about simple animation techniques and create their own animations in the style of flip books (flick books) using sticky notes.	To explain that animation is a sequence of drawings or photographs • I can draw a sequence of pictures • I can create an effective flip book—style animation • I can explain how an animation/flip book works
Lesson 2 – Frame by frame	In the previous lesson, learners created their own flip book—style animations. In this lesson, they will develop this knowledge and apply it to make a stop frame animation using a tablet.	To relate animated movement with a sequence of images

		• I can predict what an animation will look like • I can explain why little changes are needed for each frame • I can create an effective stop frame animation
Lesson 3 – What’s the story?	Remind the learners of the animations that we created last week and tell them that next week we will use tablets to animate some of our own stories. Tell the learners that during this lesson they will create a storyboard showing the characters, settings and events that they would like to include in their own stop frame animation next week.	To plan an animation • I can break down a story into settings, characters and events • I can describe an animation that is achievable on screen • I can create a storyboard
Lesson 4 – Picture perfect	In the previous lesson, learners planned out their own stop frame animations in a storyboard. This lesson, they will use tablets to carefully create stop frame animations, paying attention to consistency.	To identify the need to work consistently and carefully • I can use onion skinning to help me make small changes between frames • I can review a sequence of frames to check my work • I can evaluate the quality of my animation

Lesson 5 – Evaluate and make it great!	Last lesson, learners created their own stop frame animations. This lesson, they will evaluate their animations and try to improve them by creating a brand-new animation based on their feedback.	To review and improve an animation • I can explain ways to make my animation better • I can evaluate another learner's animation • I can improve my animation based on feedback
Lesson 6 – Lights, camera, action!	Last lesson, learners perfected their stop frame animations. This lesson, they will add other media and effects into their animations, such as music and text.	To evaluate the impact of adding other media to an animation • I can add other media to my animation • I can explain why I added other media to my animation • I can evaluate my final film

Progression

This unit progresses students' knowledge and understanding of using digital devices to create media, exploring how they can create stop frame animations. Following this unit, learners will further develop their video editing skills in Year 5.

Please see the learning graph for this unit for more information about progression.

Curriculum links

[National curriculum computing links](#)

Computing

- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

[Further national curriculum links](#)

Literacy links

- Pupils should be taught to: draft and write by: in narratives, creating settings, characters and plot
- Pupils should be taught to: proof-read for spelling and punctuation errors

[Education for a Connected World links](#)

Managing online information

- I can use key phrases in search engines.
- I can use search technologies effectively.

Copyright and ownership

- I can explain why copying someone else's work from the internet without permission can cause problems.
- I can give examples of what those problems might be.
- When searching on the internet for content to use, I can explain why I need to consider who owns it and whether I have the right to reuse it.
- I can give some simple examples.
- I can give examples of content that is permitted to be reused.
- I can demonstrate the use of search tools to find and access online content which can be reused by others.

Assessment

Please see the assessment rubric document for this unit.

Subject knowledge

This unit focuses on stop frame animations.

Enhance your subject knowledge to teach this unit through the following training opportunities:

Online training courses

- [Raspberry Pi Foundation online training courses](#)

Face-to-face courses

- [National Centre for Computing Education face-to-face training courses](#)

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