

LKS2 – Computing – Year 3/4 – Topic – Stop Frame Animation

Key Knowledge

What is animation?

- Animation is the process of giving the illusion of movement to drawings, models, or inanimate objects.
- Animated motion pictures and television shows are highly popular forms of entertainment.
- When images are quickly shown together, the objects appear to move! (they are animated)

Stop-frame Animation

- In stop motion animation objects are physically manipulated in small steps.
- This is done between individually photo-graphed frames so that they appear to move independently when the series of frames is played back in fast sequence.
- One second of stop motion animation is made up of 12 frames.
- Creating stop motion animation can take a considerable amount of time.
- Wallace and Gromit is a type of stop motion animation called Claymation.
- The feature length film 'Curse of the Were Rabbit' took 15 months to film as the creators had to manipulate and move the clay models.

Story boards

Storyboards can be used to plan animations. They help you to plan your different frames.



Key Vocabulary

Spelling	Definition/Sentence
animation	The process of giving the illusion of movement to drawings, models, or inanimate objects.
backdrop	The scenery or ground behind something.
flip book	A series of illustrations bound together in sequence so that an illusion of movement can be created by flipping them rapidly
frame	A still image.
onion skinning	Onion skinning is a 2D computer graphics term for a technique used in creating animated cartoons and editing movies to see several frames at once.
stop-motion	Animation that is captured one frame at a time with objects that are moved between frames.

Programs and Apps

iMotion



Do ink



Zing Studio



Examples of Animation



What else do you know?