

Year 4 Spring 1 Computing- Animation

Key Vocabulary

Animation

The process of adding movement to still objects.

FPS (Frames Per Second)

The number of frames played per second.

Frame

A single image in an animation.

Onion Skinning

A process where the shadow image of the previous frame is present to help you line up the objects of the animation correctly.

Pause

To temporarily stop the animation.

Stop motion

A technique whereby the camera is repeatedly stopped and started, for example to give animated figures the impression of movement.



2Animate

Key Learning

- To discuss what makes a good animated film or cartoon.
- To learn how animations are created by hand.
- To find out how animation can be created in a similar way using the computer.
- To learn about onion skinning in animation.
- To add backgrounds and sounds to animations.
- To be introduced to 'stop motion' animation.

Key Questions

What is an 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.

What is meant by 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.

What is meant by stop motion animation?

Stop motion animation is a filming technique in which objects (such as clay models) are photographed in a series of slightly different positions so that the objects seem to move.



Add or delete a frame from the animation.



Play the animation.



Switch onion skinning on or off.



Number of frames in the animation.