



# What are the different types of animations?

- flip book animation
- scanimation
- stop-motion animation
- 2D animation.
- 3D animation

What type of animation is this?



LO: To learn about onion skinning in animation.

To add backgrounds and sounds to an animation.

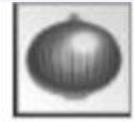
- Success Criteria

- CS: I know what onion skinning is.
- DT: I use onion skinning to create an animation.
- GD: I can add backgrounds and sound to my animation.

# What is onion skinning animation?

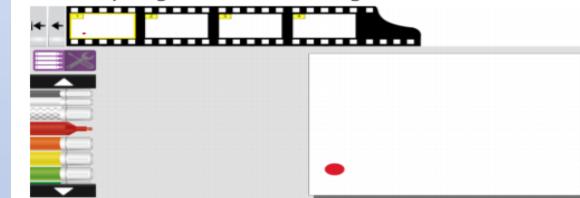
- Onion skinning is a 2D computer graphics term for a technique used in creating animated cartoons and editing movies to see several frames at once.





# Creating onion skinning animation.

1. Log into Purple Mash (logins can be found in your school diary).
2. Open the 2animate tool ([Art and Design-2animate](#)). Today, we are going to use the onion skinning tool.
3. Create an animation of a ball that has been kicked from one side of the screen to the other. The Onion Skin tool helps you by showing you the shadow of the object on the previous frame.
4. Create your first frame by using the Pen tool and adding a circle at bottom of Frame 1.



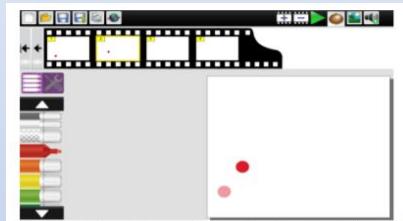
5. Now, move to Frame 2, a blank frame (unlike with the first animation, we did **DO NOT** copy Frame 1 onto Frame 2; leave Frame 2 blank).
6. Select the Onion Skin tool from the top of the page. This will turn brown, indicating that it is turned on.



7. You should now see the shadow of the ball from Frame 1 on Frame 2. The Onion icon looks as though it is making Frame 2 into a piece of tracing paper so that you can see through onto Frame 1.

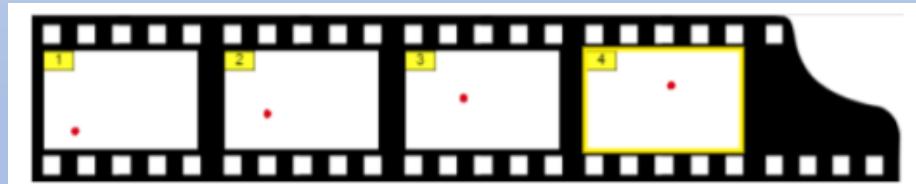
# Creating onion skinning animation.

- 8. Now add the second circle a bit further away from the first to show that it has moved.



9. Repeat this until you have completed all your frames, drawing the circle so that it is following the same line as the previous circle.

10. Your animation frames should now look something like this. When you run the animation, it should look like the ball is travelling through the air.



- 11. **SAVE** your work. Can you create another animation?

# Adding a background.



## Background

Using your onion skinning animation now, add a background and sound.

- I. Click on the Background icon to choose from a selection of background images to add to your frames. You can also paint your own background and upload your own image. The background will be added to all the frames.

# Adding sound

## Sound



1. You can add a sound to an individual frame by selecting the frame you want to add the sound to then choosing the sound you want to add to it. A Play icon will appear on the frame in question.



2. You can also upload a sound and create your own sound too.



### Be Creative!

Using the Onion Skin tool, backgrounds and sounds, try creating your own ideas which start to show an animated picture.

The example below shows a cannon being fired out of a pirate ship. The ball appears to hit a glass window and the sound of glass breaking is played.



- **SAVE YOUR WORK**

# Plenary - Show and comment

- Show your parents your animation.
- Tell them what your animation is about.