Objective

By the end of this lesson, you will be able to create animation on Scratch.

Materials and Prep

- A computer or laptop with internet access
- A Scratch account (create one if you don't have it already)
- Basic understanding of using a computer and navigating websites

Activities

- Create a simple character sprite using Scratch's built-in editor.
- Add movement to your character by creating and coding different scripts.
- Create a background for your animation using Scratch's backdrop editor.
- Add sound effects or music to your animation.
- Experiment with different animation techniques such as changing costumes, using loops, and creating interactions between characters.
- Share your animation with others by publishing it on the Scratch website.

Talking Points

- "Today, we are going to learn how to create animation on Scratch. Animation is a way to bring characters and objects to life by making them move and interact."
- "To start, we need to create a character sprite. A sprite is a graphic that can be animated. We can use the built-in editor in Scratch to draw or import our own sprite."
- "Once we have our sprite, we can make it move by coding scripts. Scripts are a set of instructions that tell the sprite what to do. We can make it move up, down, left, or right, or even make it jump or spin."
- "To make our animation more interesting, we can create a background using the backdrop editor. This will give our animation a setting or environment."
- "We can also add sound effects or music to our animation to make it more engaging. Scratch allows us to import or record sounds to use in our projects."
- "There are many animation techniques we can explore, such as changing costumes to create different poses or movements, using loops to repeat actions, and making characters interact with each other."
- "Finally, we can share our animation with others by publishing it on the Scratch website. This way, people from around the world can see and interact with our creation."