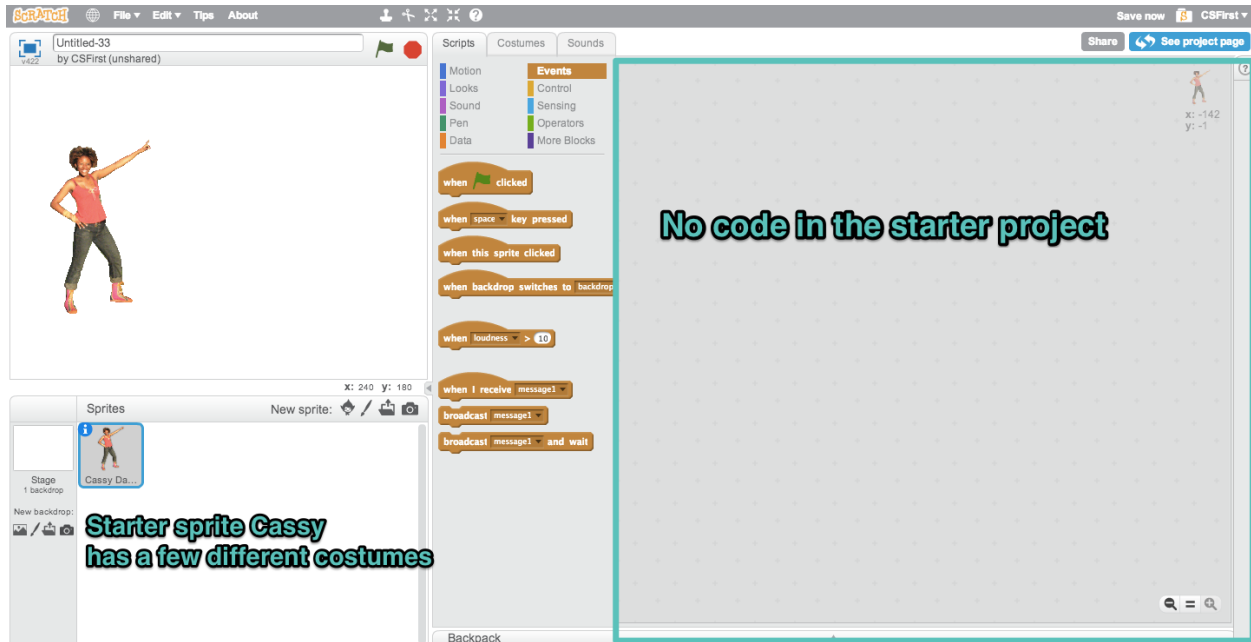


Activity 2: Dance Party

Video 1: Remix the Dance Party Starter Project

In this video, club members will:

1. Open the starter project.
2. Remix the project.
3. Sign in to Scratch.

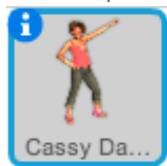


Video 2: Make Cassy Dance in One Spot

In this video, club members will:

1. Make Cassy look like she is dancing by using the “next costume” block.
2. Make Cassy keep dancing forever by using the “forever” block.
3. Control the speed of Cassy’s dance with the “wait” block.

Code for Cassy
Dance sprite:



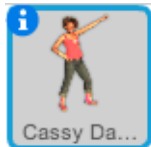
Video 3: Make Cassy Move

In this video, club members will:

1. Use the “glide” block to make Cassy move.
2. Add the “when flag clicked” block so clicking the green flag starts the dance.

NOTE: Club members can have however many of these blocks as they would like, and they can use whatever numbers they’d like. Below is an example.

Code for Cassy
Dance sprite:

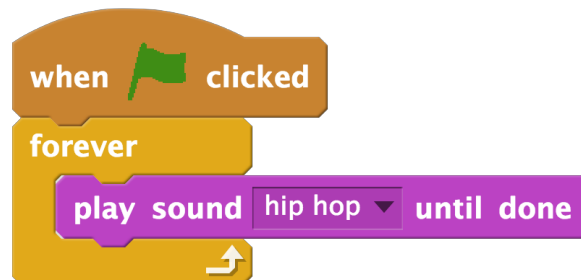
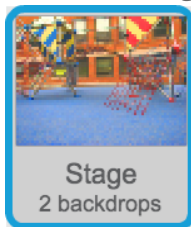


Video 4: Add Dance Music For Cassy

In this video, club members will:

1. Select the stage.
2. Choose a music loop for Cassy to dance to.
3. Use the “play sound until done” block to make the music loop play.
4. Make that music loop play forever.
5. Make the music loop start playing when the green flag is clicked.

Code for the **stage**:



Add-On: Invite Friends to the Dance Party

In this video, club members will:

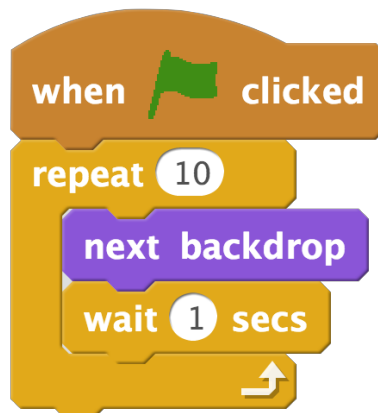
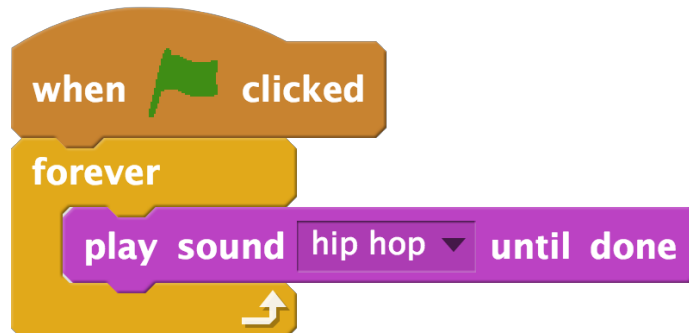
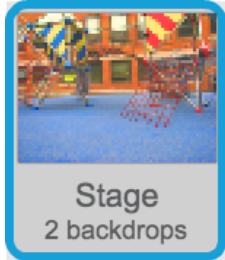
1. Add another sprite to the project.
2. Copy Cassy's dance moves into the new sprite.
3. Change the x and y values in the new sprite's "glide" blocks to keep it from dancing on top of Cassy.

Add-On: Add and Change the Backdrop

In this video, club members will:

1. Add a backdrop.
2. Add another backdrop.
3. Delete a backdrop.
4. Program the backdrop to change.

Code for the **stage**:



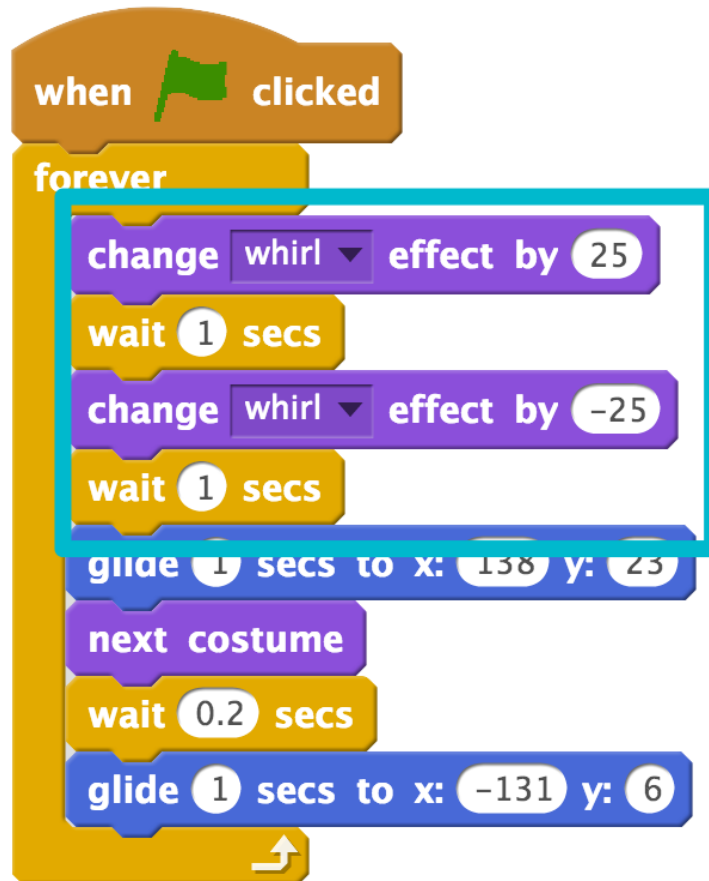
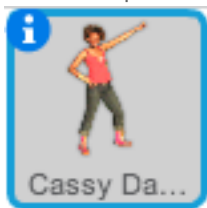
Add-On: Do the Twist

In this video, club members will:

1. Drag out the “change color by” block.
2. Change it to say “change whirl by.”
3. Use positive and negative numbers and “wait” blocks to make Cassy twist.

NOTE: “Change whirl effect by” blocks can be placed anywhere in the dance. Club members can enter any values they choose in the blocks..

Code for Cassy
Dance sprite:

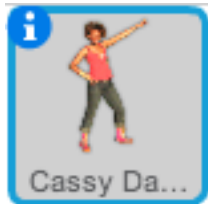


Add-On: Tell a Story

In this video, club members will:

1. Add 2 “say” blocks to Cassy’s code with a “when flag clicked” event.

Code for Cassy
Dance sprite:

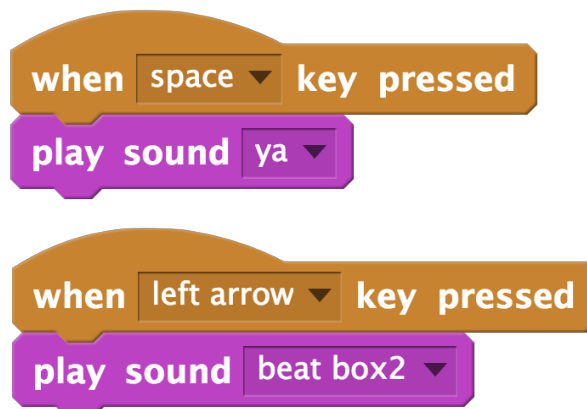
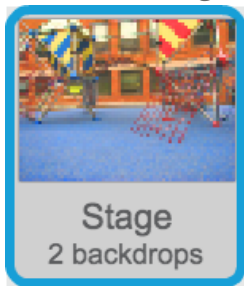


Add-On: Choose the Music

In this video, club members will:

1. Make the music loop play once when a key is pressed, instead of forever.
2. Add another music loop.
3. Make that music loop play when a different key is pressed.

Code for the **stage**:



Add-On: Bust a Move

In this video, club members will:

1. Make Cassy turn left when the left-arrow key is pressed.
2. Make Cassy turn right when the right-arrow key is pressed.
3. Explore to create their own keypress events.

Code for Cassy
Dance sprite:

