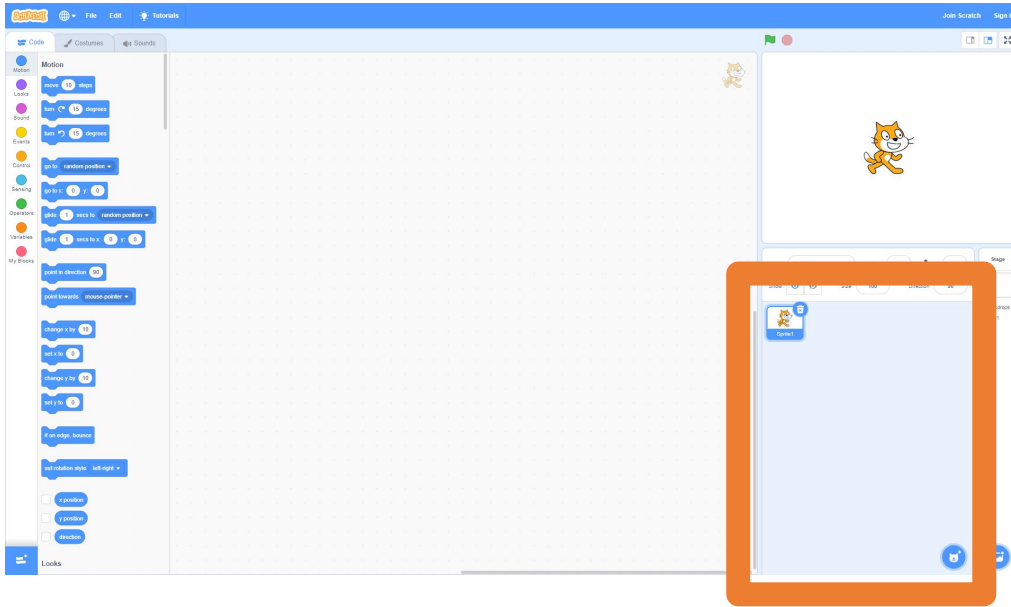




# Scratch Basics

## Add and Delete Characters

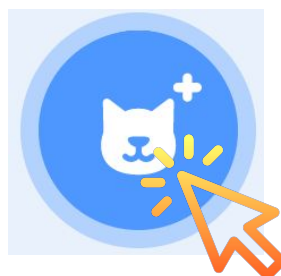
In Scratch, characters are sometimes called “Sprites!”



Delete the basic cat.

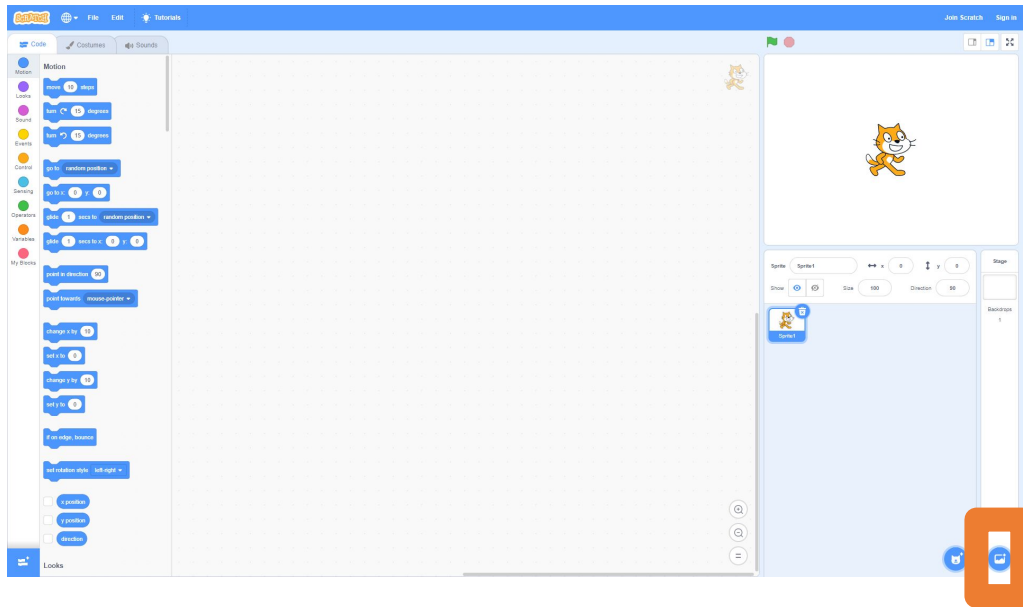


Add a new sprite.

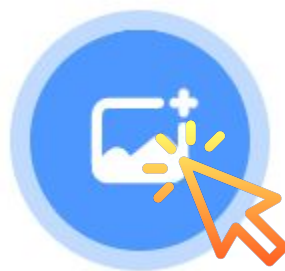


## Add a Backdrop

We can make our background more colorful.



Add a new backdrop.

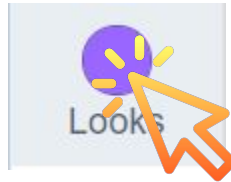


# Scratch Basics

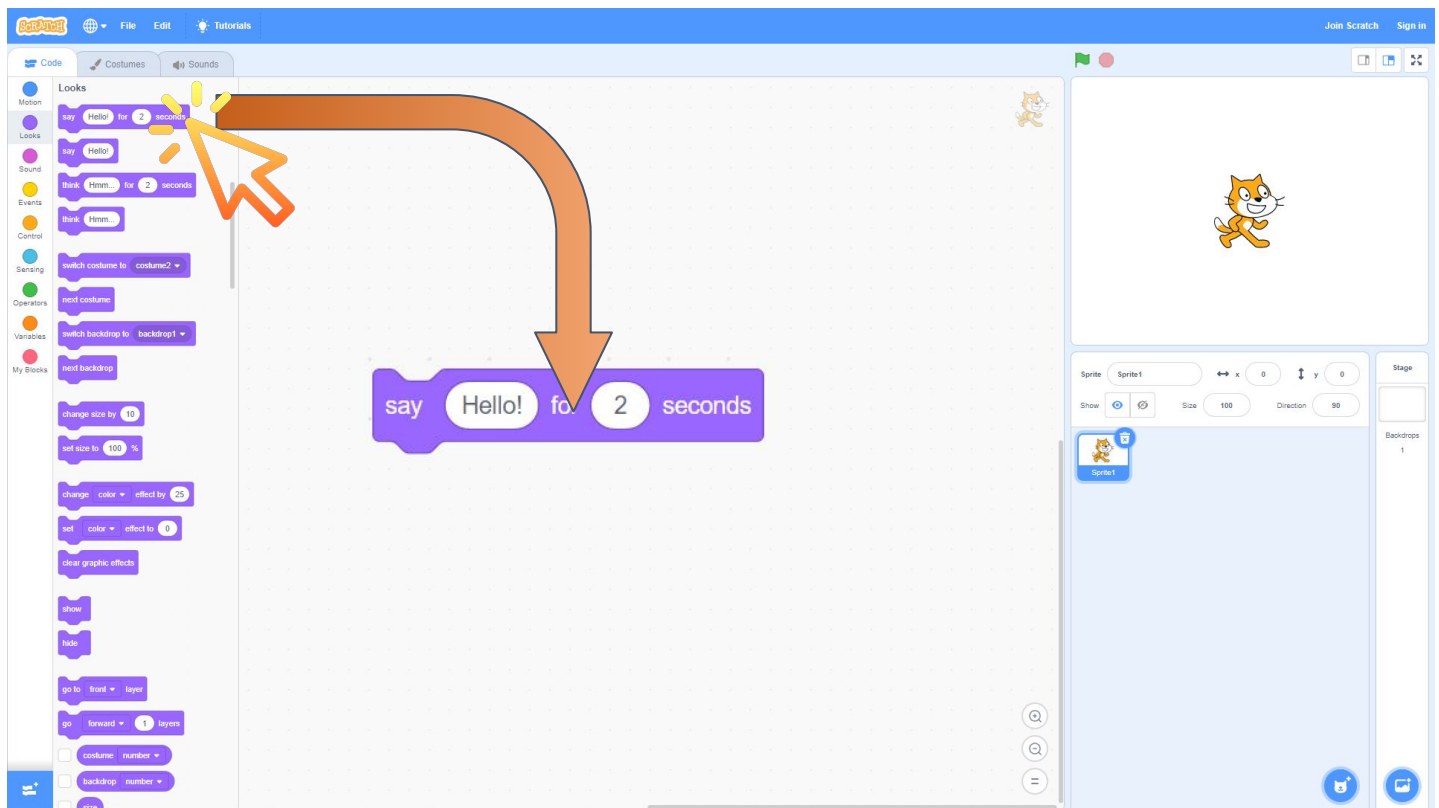
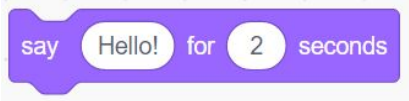
## Make a Character Talk

We can program our characters to talk using speech bubbles.

Go to the “Looks” code blocks.



Drag the **say Hello! for 2 seconds** block into the work area.



Change what the block says, then click it!



# Scratch Basics

## Use the (Green Flag)

We can make all our code start at the push of a button.

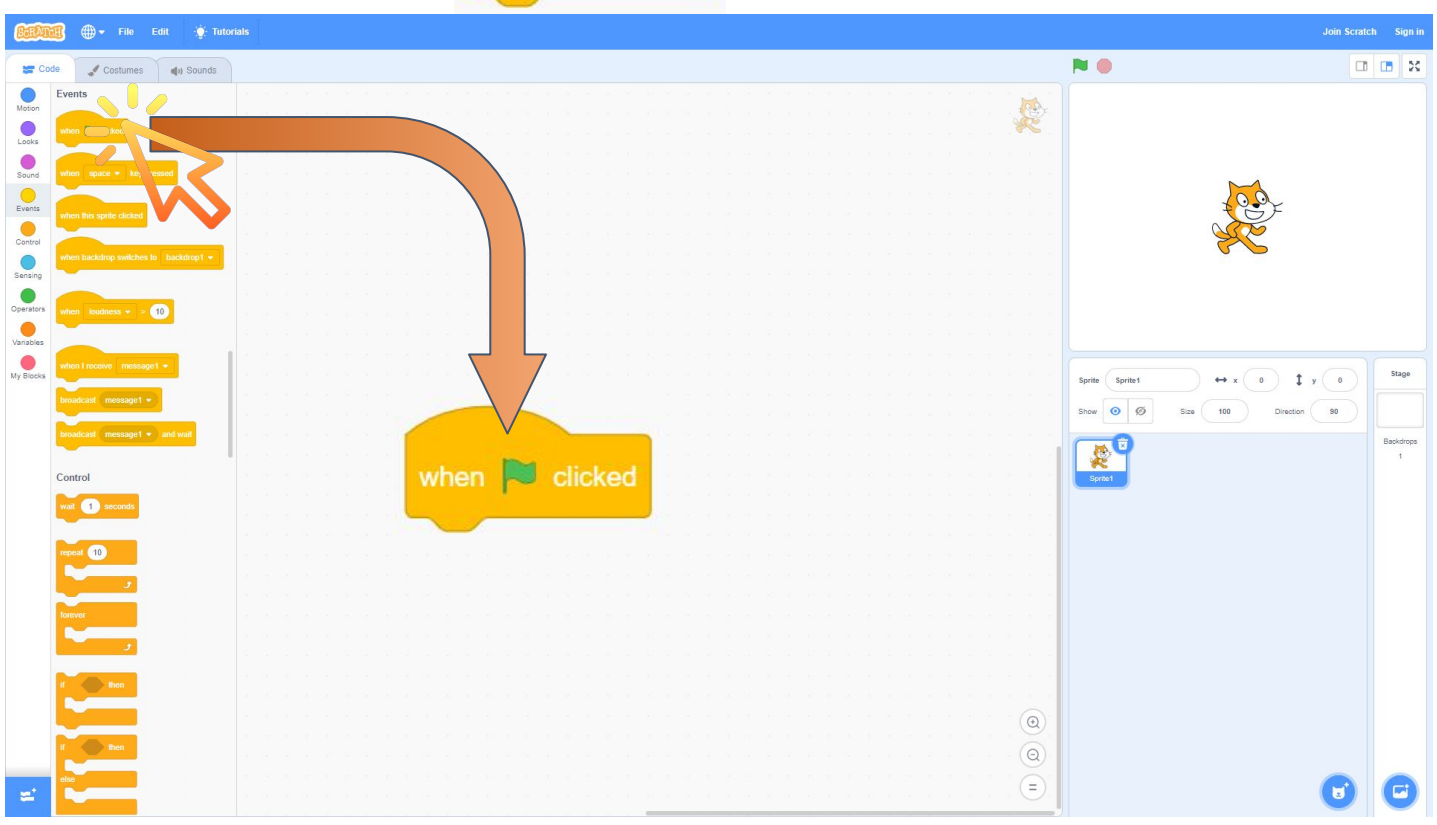
Go to the “Events” code blocks.



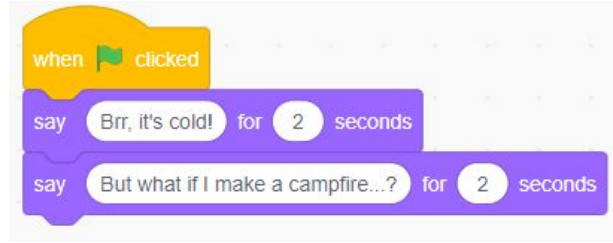
Drag the



block into the work area.



Put the block on top of all your other code.

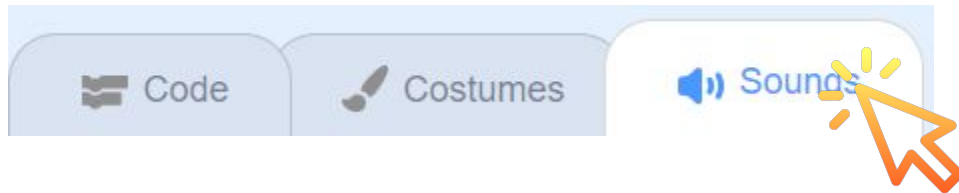


Click the green flag to start your code!

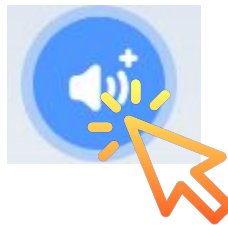


# Add Sounds

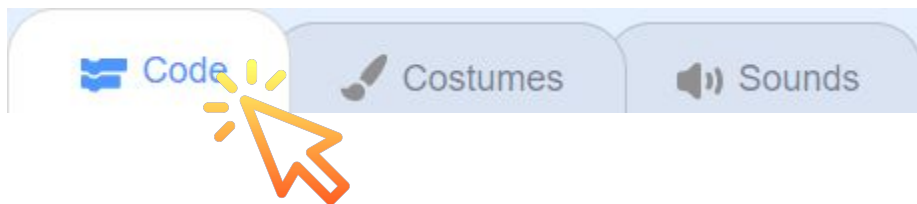
Scratch characters can play noises! Make sure that your computer's sound is on.  
Go to the "Sounds" tab in the top-left corner.



Click the "Choose a sound" button in the bottom-left corner.



Go back to the "Code" tab in the top-left corner.



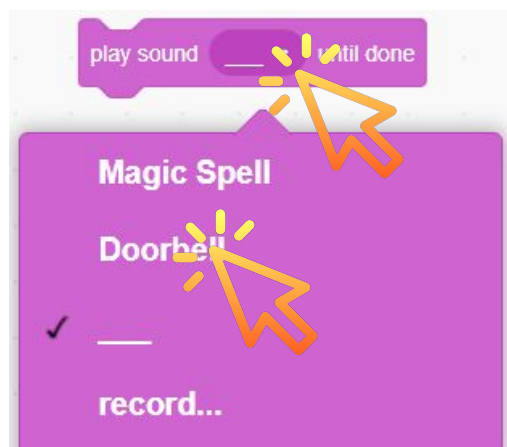
Go to the "Sound" code blocks.



Drag out the



block, and set it to your sound!

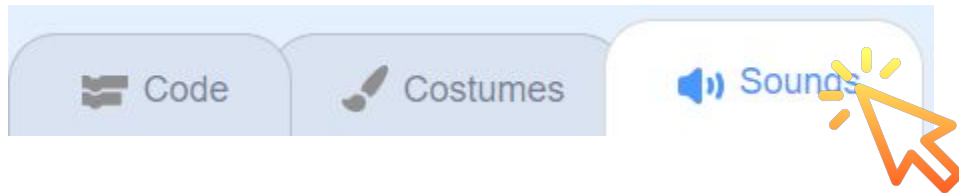


## Scratch Basics

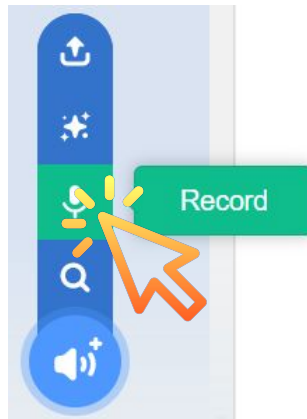
# Record Your Own Sound!

You can make Scratch record and play your own voice.

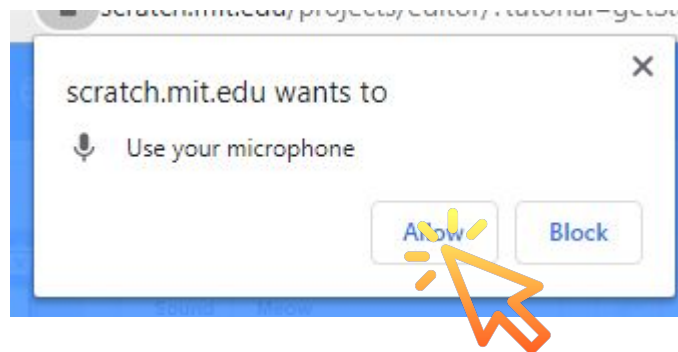
Go to the “Sounds” tab in the top-left corner.



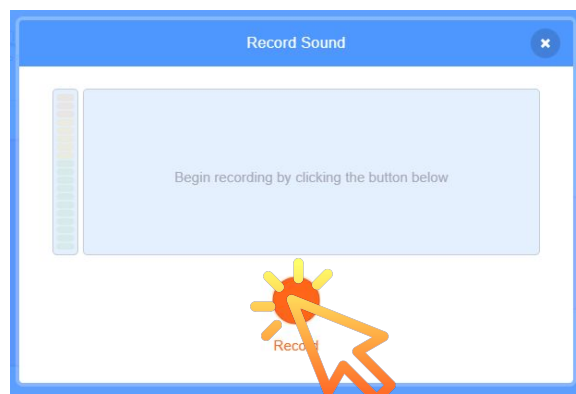
Hover over the speaker symbol in the bottom-left corner, then click the “Record” button.



Click “Allow” on the pop-up.



Click “Record” in the center of your screen.

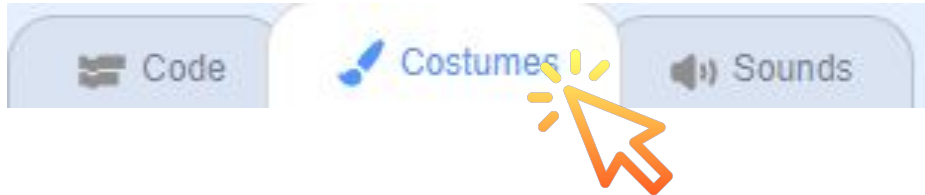


## Scratch Basics

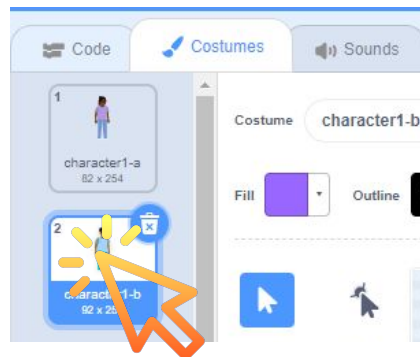
# Change a Character's Costume

Costumes can be outfits, poses, or other visual changes.

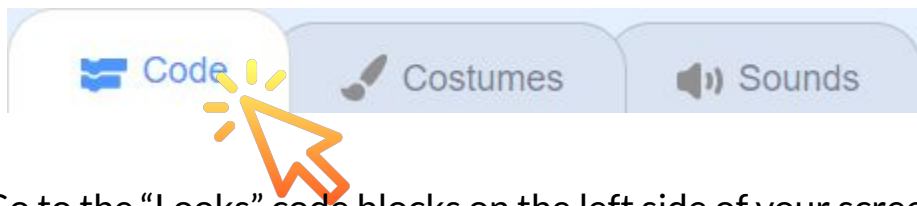
Go to the "Costumes" tab in the top-left corner.



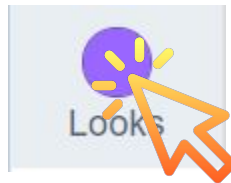
Click a costume for your character.



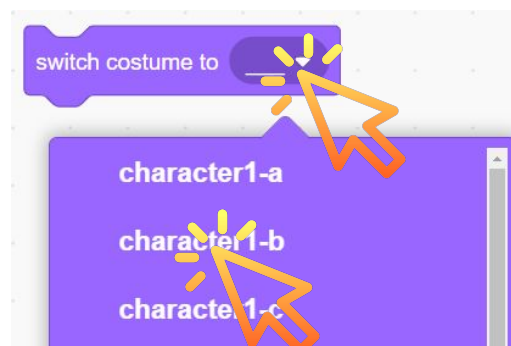
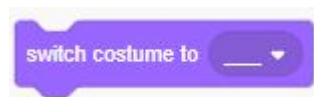
Go back to the "Code" tab in the top-left corner.



Go to the "Looks" code blocks on the left side of your screen.



Drag out the **switch costume to** block, and set it to your costume!



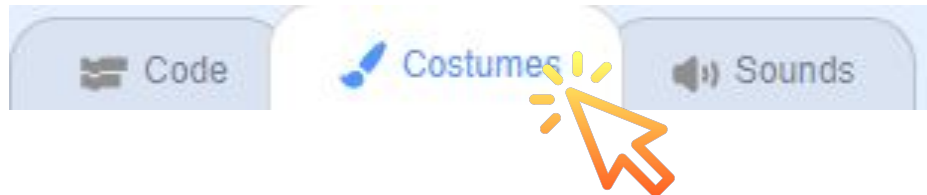


## Scratch Basics

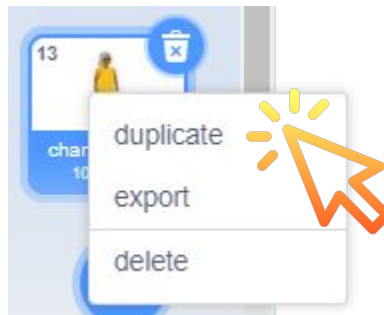
# Create a New Costume

We can edit existing costumes to make new ones!

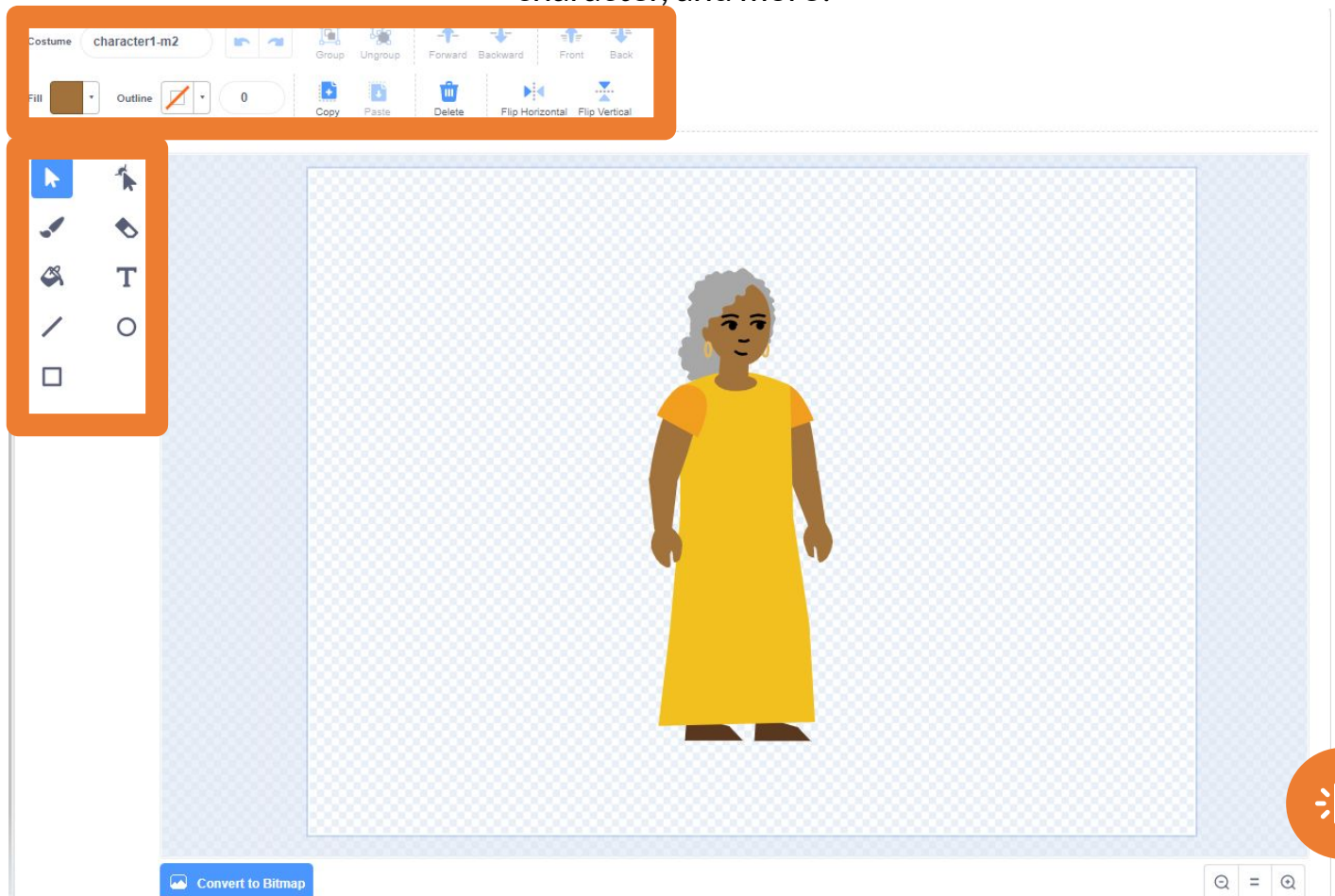
Go to the “Costumes” tab in the top-left corner.



Right-click the costume you want to edit on the left side of your screen, then click “Duplicate”



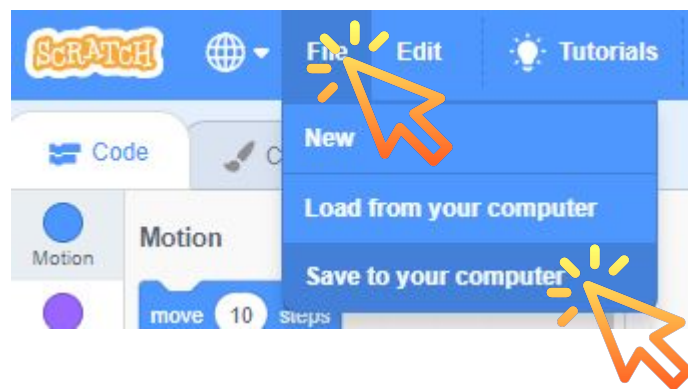
Use the tools in the center window to change colors, move parts of your character, and more!



# Save and Load Your Work

If you aren't signed into a Scratch account, you need to download your work to save it.

To save your work, click "File" in the top-left corner, then "Save to your computer".



Later, to load your work, click "File" in the top-left corner, then "Load from your computer", and select your project.

