

# SCRATCH

## Sprites & Backdrops



# Sprites

- Sprites are the actors that perform the commands in your script.
- The cat is the default Sprite.
- Scratch has many other Sprites you can use for your programs.
- Click on the new Sprite button to see other Sprites.
- Scratch also allows you to create/draw your own Sprites or download Sprites.



# Sprite Library

## Category

All

Animals

Fantasy

Letters

People

Things

Transportation

## Theme

Castle

City

Flying

Holiday

Music and Dance

Space

Sports

Underwater

Walking

## Type

All

Bitmap

Vector



1080 Hip-Hop



Airplane



Amon



Anna



Apple



Arrow1



Arrow2



Ball



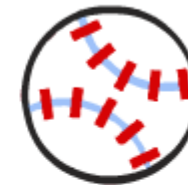
Ballerina



Balloon1



Bananas



Baseball



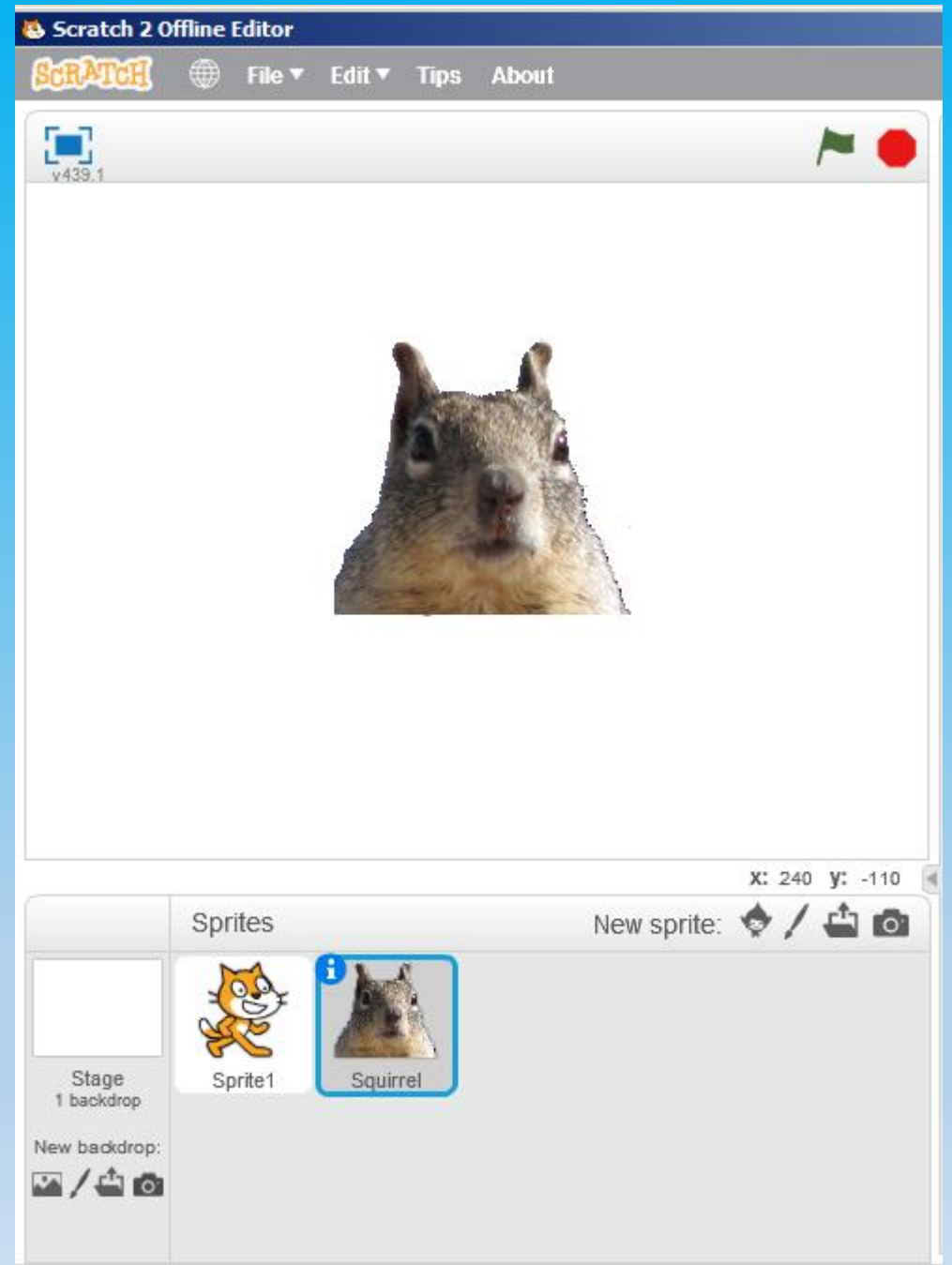
OK

Cancel

when I start as a clone

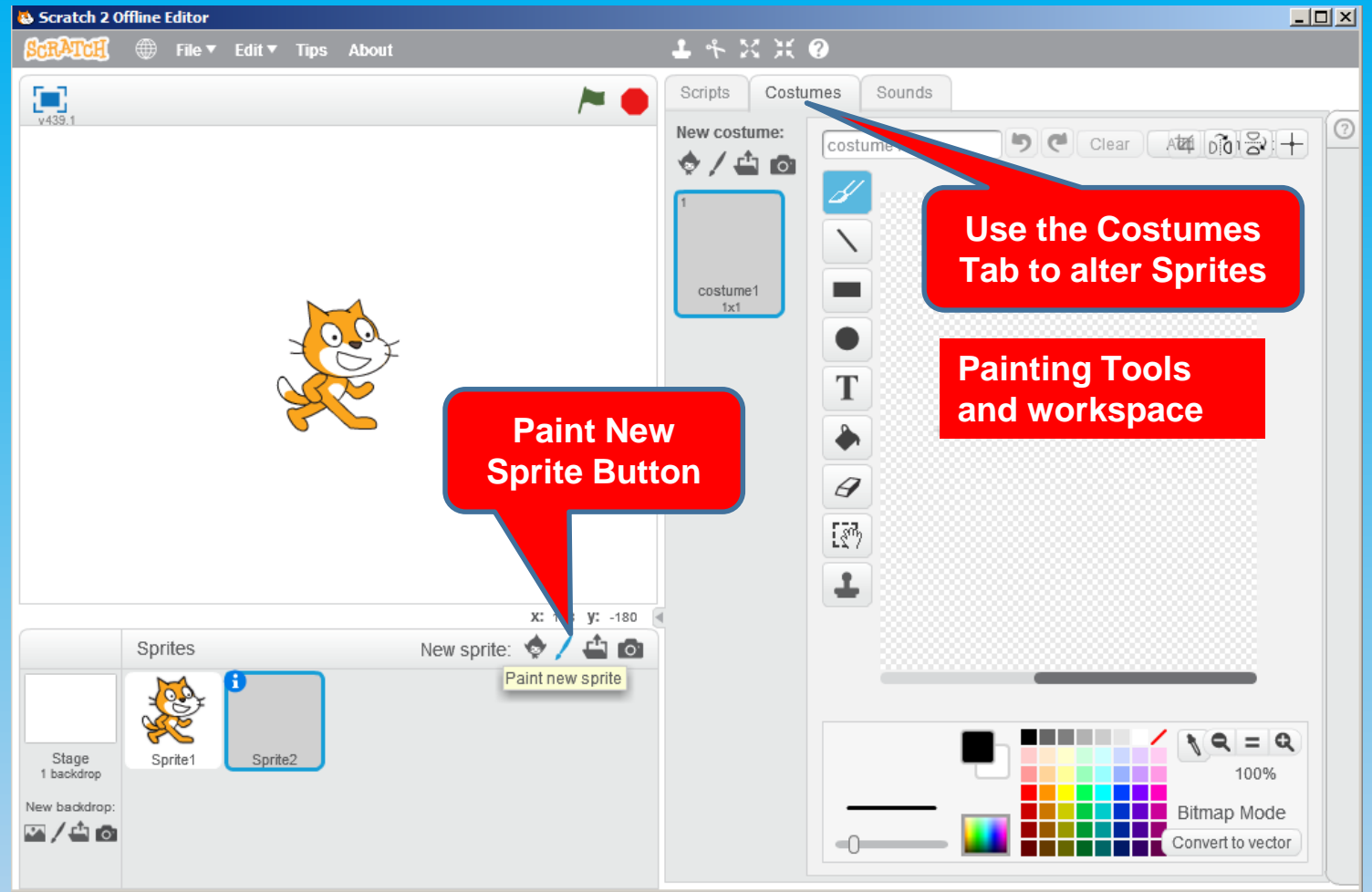
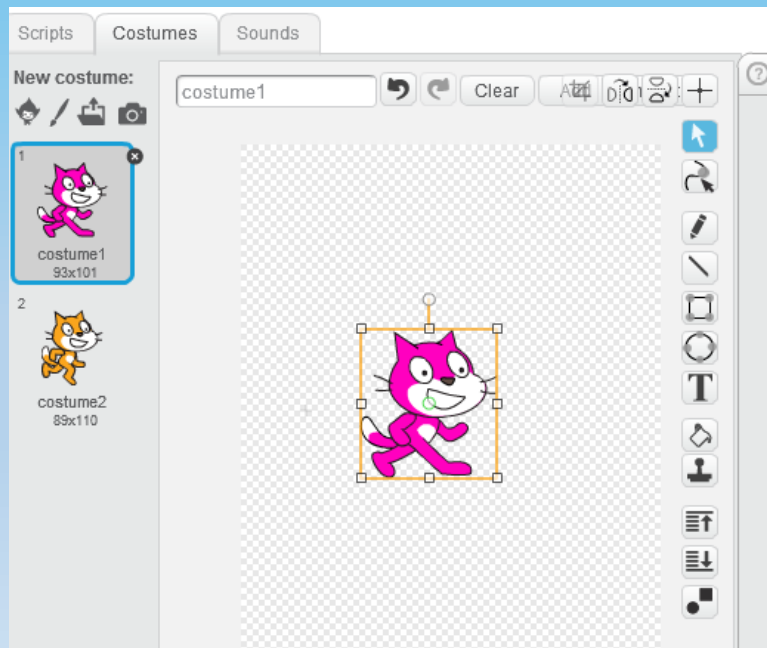
# Adding Sprites

- Double click on a Sprite from the sprite library you would like to use to add it to your program.
- Programs can use multiple sprites.
- Each sprite has its own script or commands.
- Right click and select delete to get rid of sprites
- You can also use the hide command from the “Looks” blocks if you don’t want a sprite to appear on the stage.



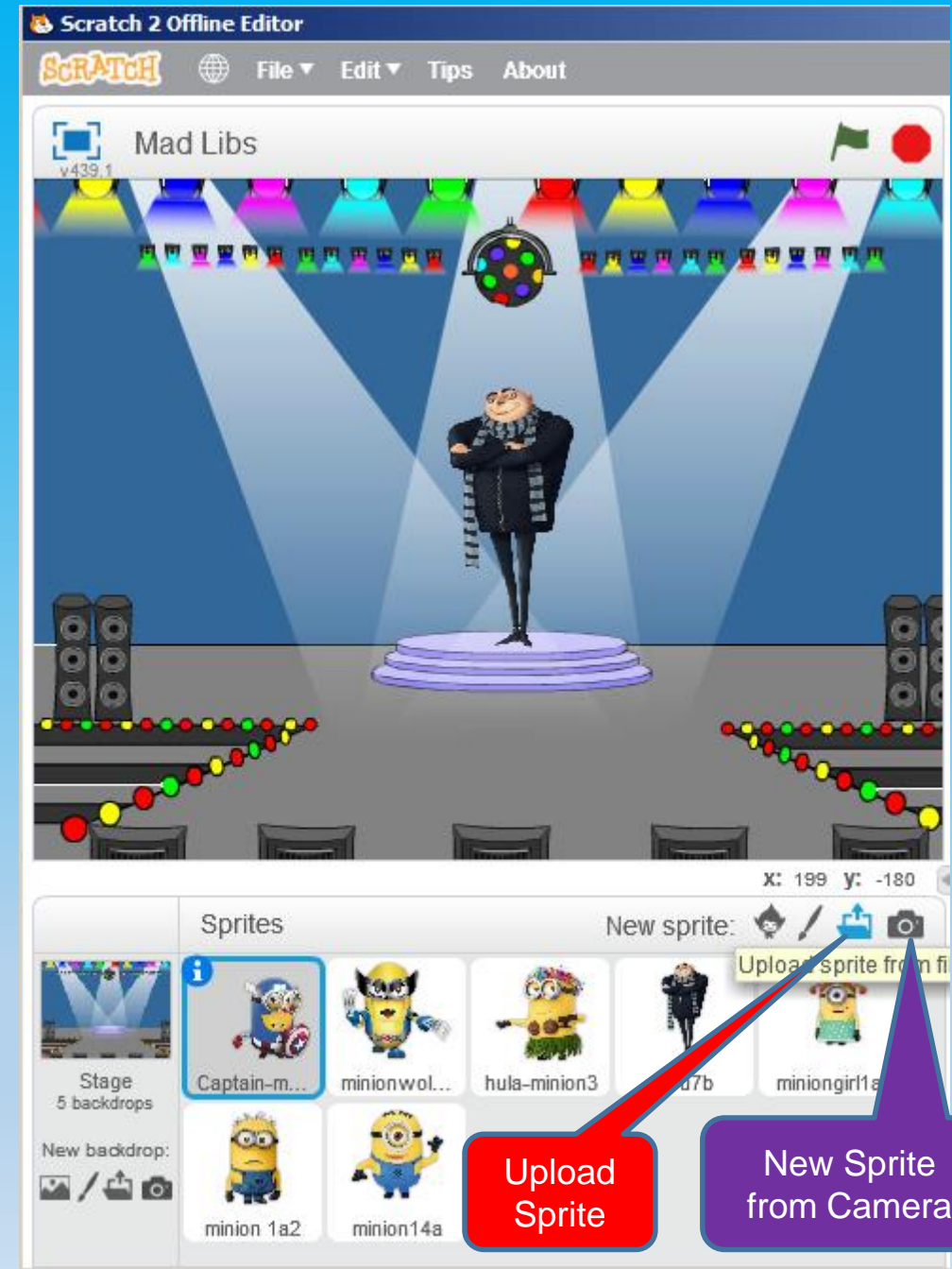
# Painting Sprites

- Sprites can be painted and altered in scratch.
- Click on the Paint New Sprite Button or Costumes Tab to alter existing Sprites.



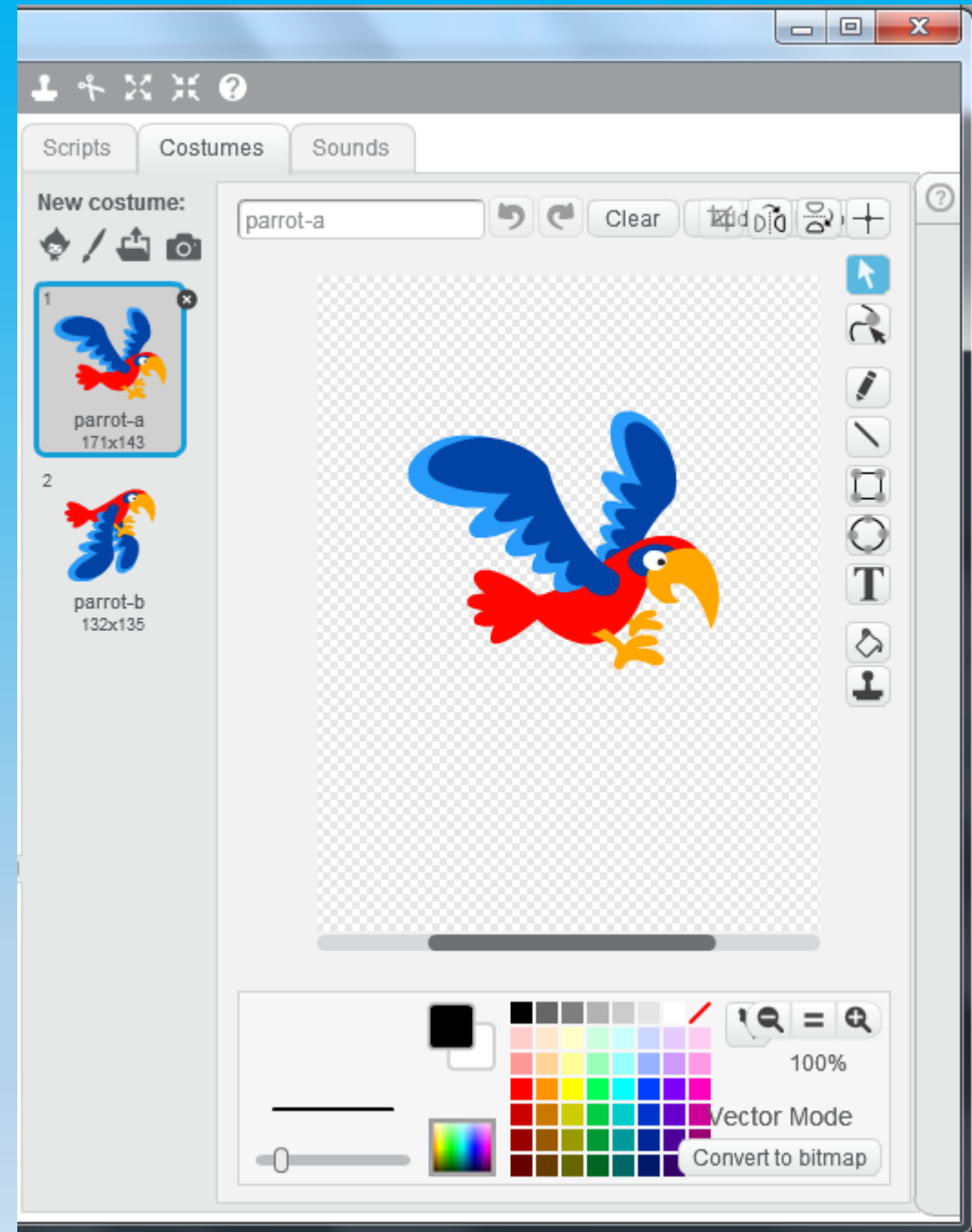
# Uploading Sprites

- Sprites can also be created by importing them.
- Pictures from cameras can be also be used for new sprites.
- The Costumes tab allows imported sprites to be altered in Scratch.
- The cast of sprites and actors for your Scratch programs is endless.



# Sprite Costumes

- Some Sprites may have multiple “Costumes.”
- Costumes can help you create the illusion of motion and other effects on the stage.
- Select a Sprite, then click on the costumes tab to see the available costumes for the sprite.



# Sprite Can Speak

- In the “Look” toolbox there are blocks that allow sprites to visually speak and convey their thoughts.
- These command blocks have are similar to what you would see in a comic book.

Scratch 2 Offline Editor

SCRATCH File Edit Tips A

Magic Carpet Ride

v439.1

Magic Carpet Ride!

Allows Sprites to convey what they are thinking.

Allows Sprites to speak

Scripts Costu

Motion Looks Sound Pen Data

say Hello! for 2 secs

say Hello!

think Hmm... for 2 secs

think Hmm...

show

hide

switch costume to monkey1-b

next costume

switch backdrop to moon

change color effect by 25

set color effect to 0

clear graphic effects

change size by 10

set size to 25%

Sprites

New sprite: [ ] [ ] [ ] [ ]

Stage 2 backdrops

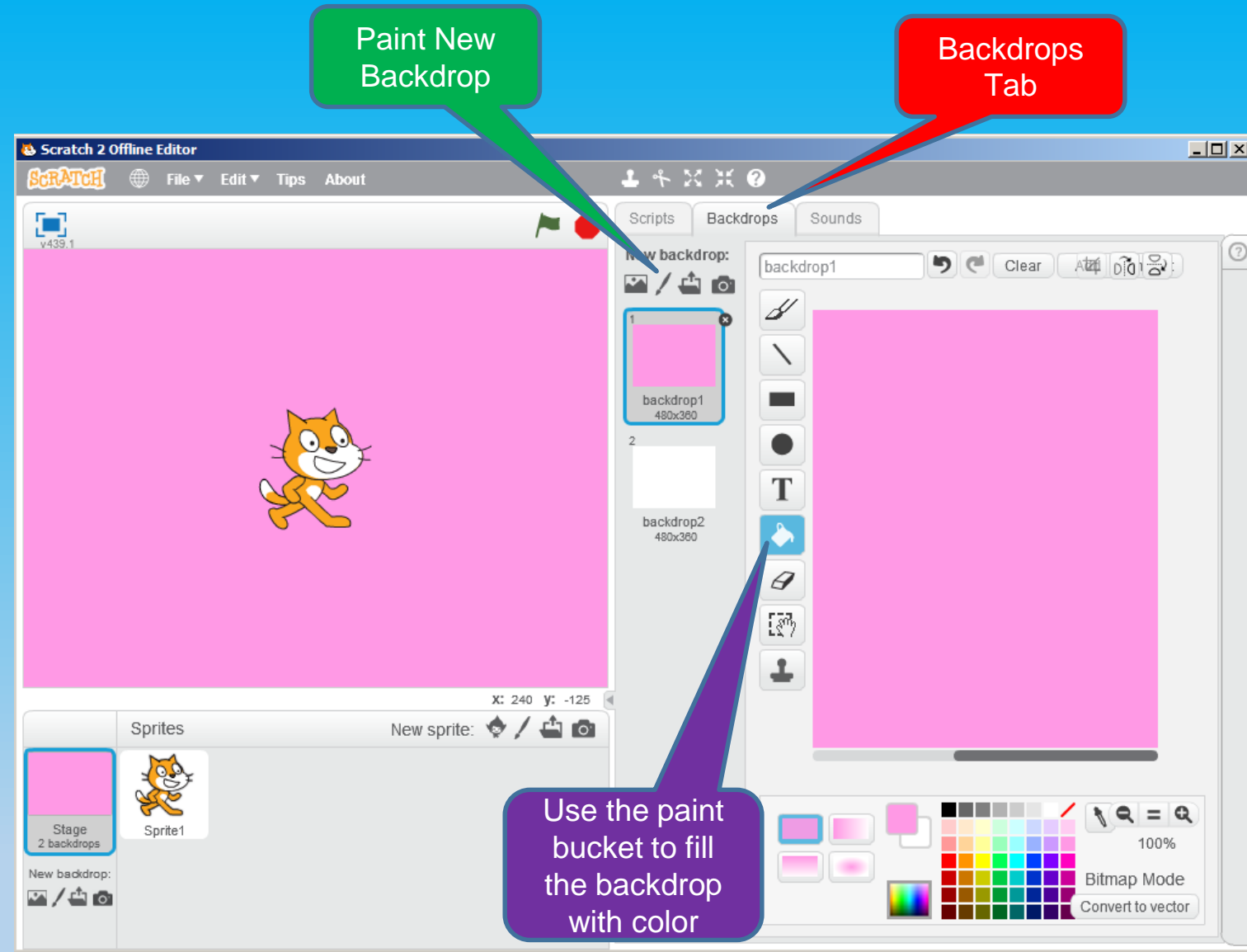
New backdrop: [ ] [ ] [ ] [ ]

Magic Car... Monkey1 LostInSpa...



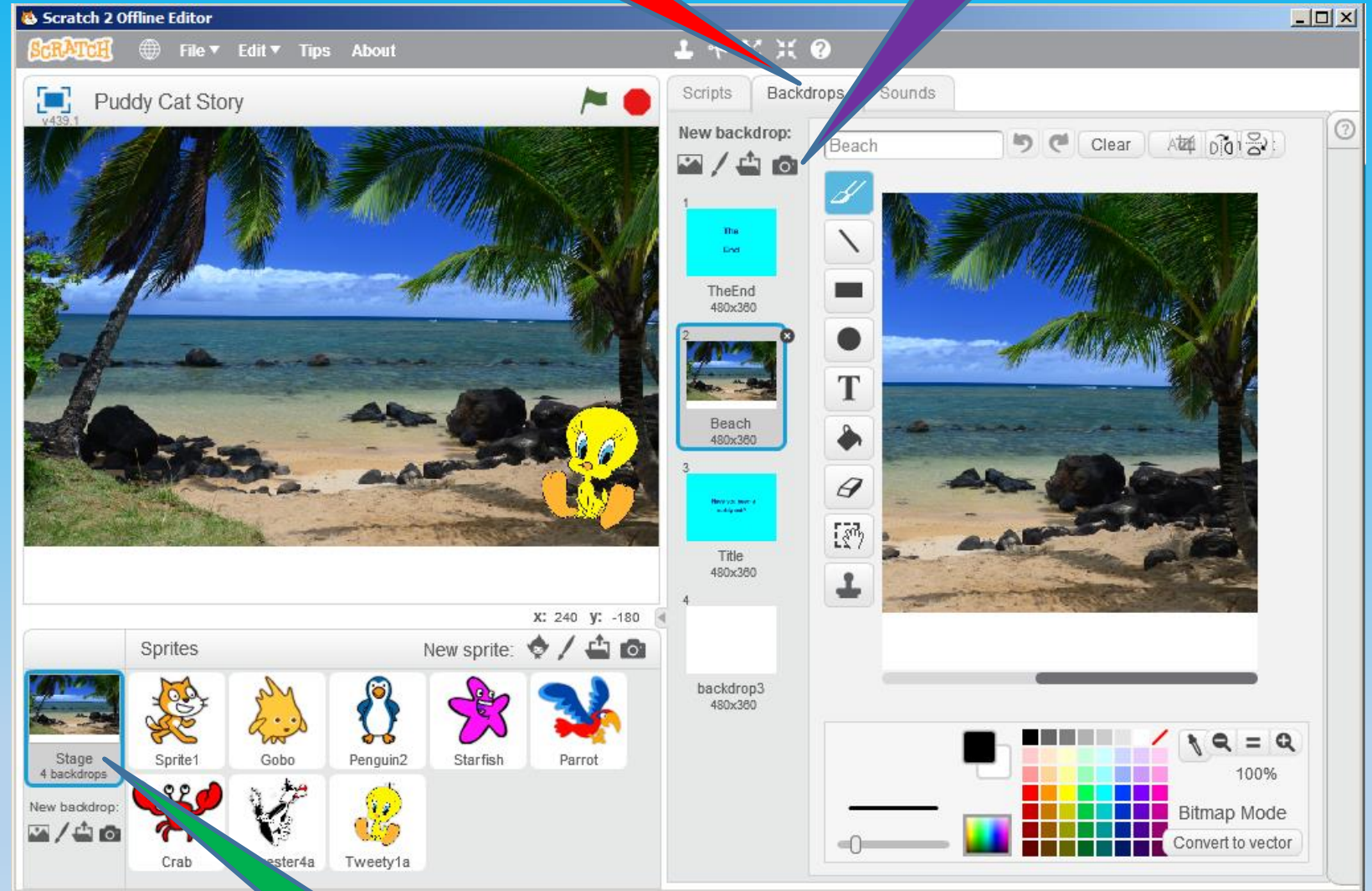
# Backdrops

- By default, sprites appear against a white background.
- Click on the Backdrops Tab to change the background color of the stage.
- Tools in the Backdrops Tab allow you to create custom backdrops.



# Pictures

- Pictures can be imported from a camera or the internet and used as backdrops.
- Click on Stage Backdrops in the lower left have the Backdrops Tab appear.
- Click on the Backdrops Tab to customize.



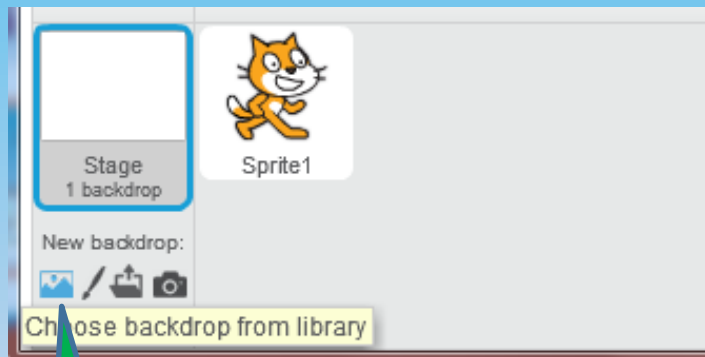
Backdrops Tab

New Backdrop from Camera

Stage Backdrops

# Backdrops Library

- By default, sprites appear against a white background.
- Click on the Backdrops Tab to change the background color of the stage.



Access  
Backdrop  
Library

