Let's Learn About Scratch!

Has anyone coded before?

What is Scratch?

- Scratch is an online coding website which allows you to create your own projects, games, and computer simulations!

- YOU are in control of what you create and the options that are available for you when coding are unlimited!

- Don't worry if you haven't coded before! Scratch uses "block" coding which you are able to 'drag and drop' to run your program!

Untitled
by ashleylovnicki (unshared)
v459.1

Share See project page

Scripts Costumes Sounds

Motion Events
Looks Control
Sound Sensing
Pen Operators
Data More Blocks

move 10 steps
turn 15 degrees
turn 15 degrees
point in direction 90
point towards mouse-pointer
go to x: 0 y: 0
go to mouse-pointer
glide 1 secs to x: 0 y: 0
change x by 10
set x to 0
change y by 10
set y to 0
if on edge, bounce

x: 0
y: 0

x: 240 y: -89

Sprites
New sprite:

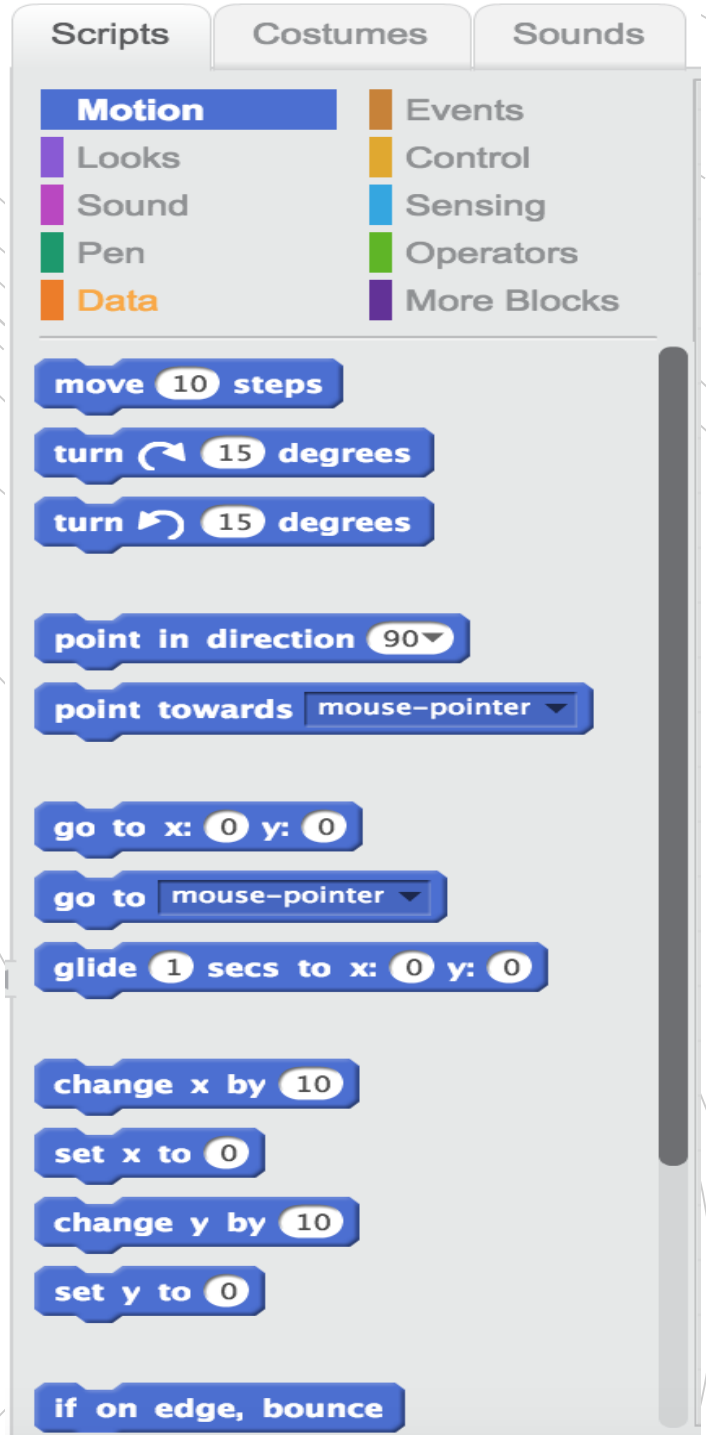
Stage
1 backdrop
New backdrop:

Sprite1

Backpack

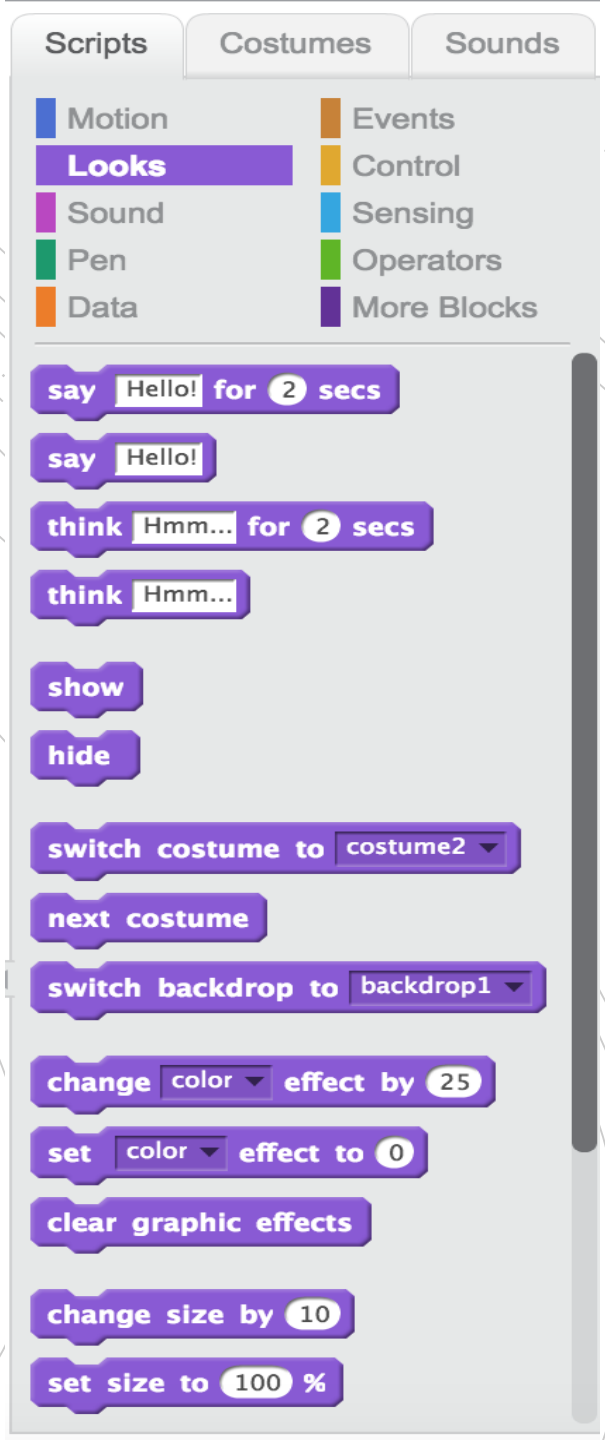
MOTION

This allows you to move, rotate and manipulate the movement of the Sprite.



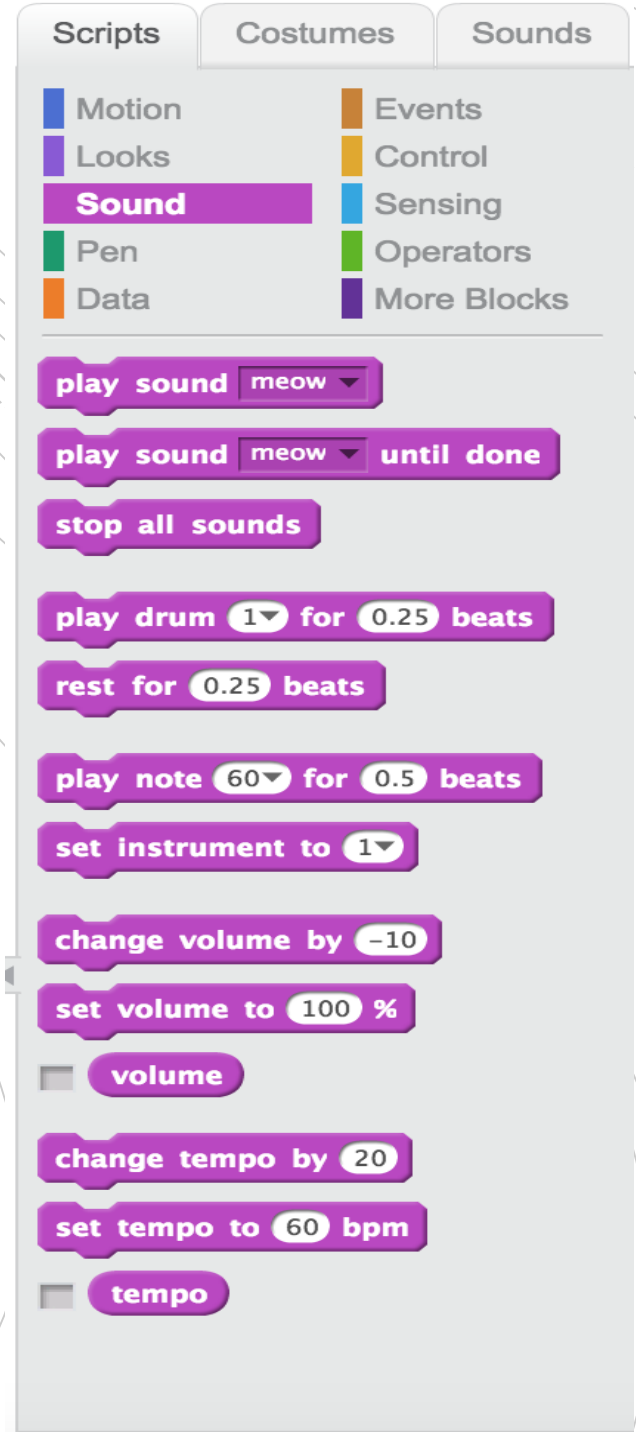
LOOKS

This allows you to modify the way that the Sprite appears in your code.



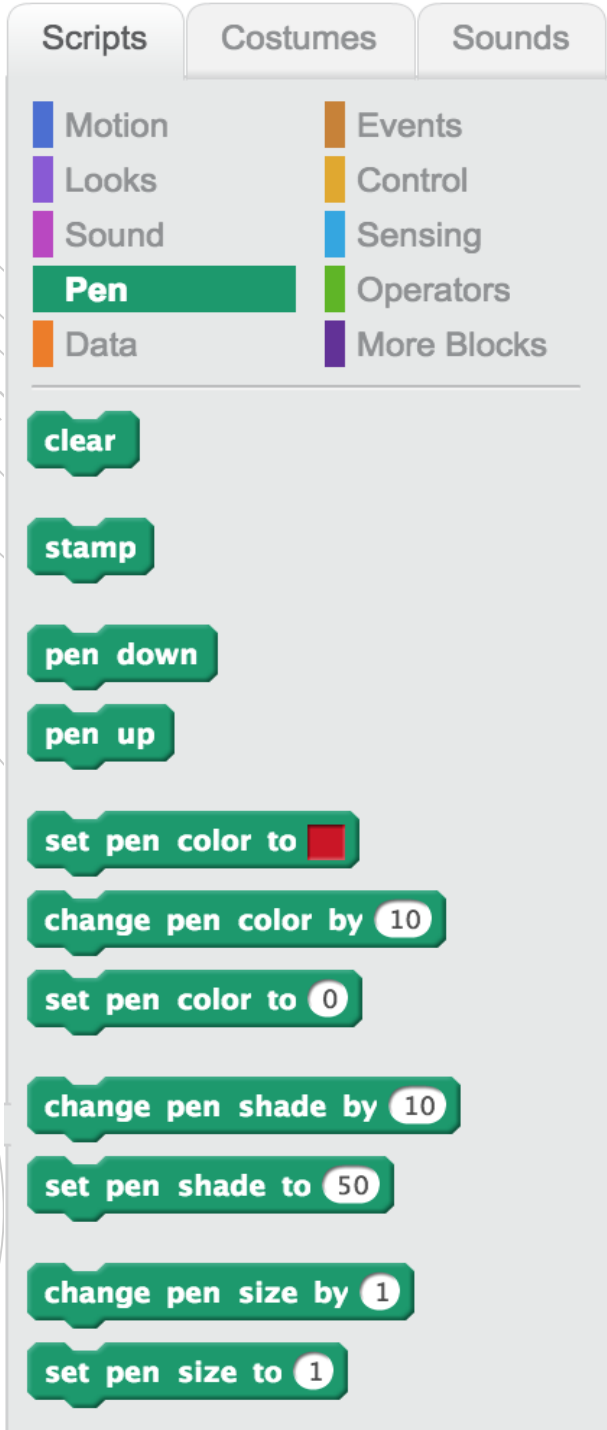
SOUND

This allows you to add in different sounds for your Sprite.



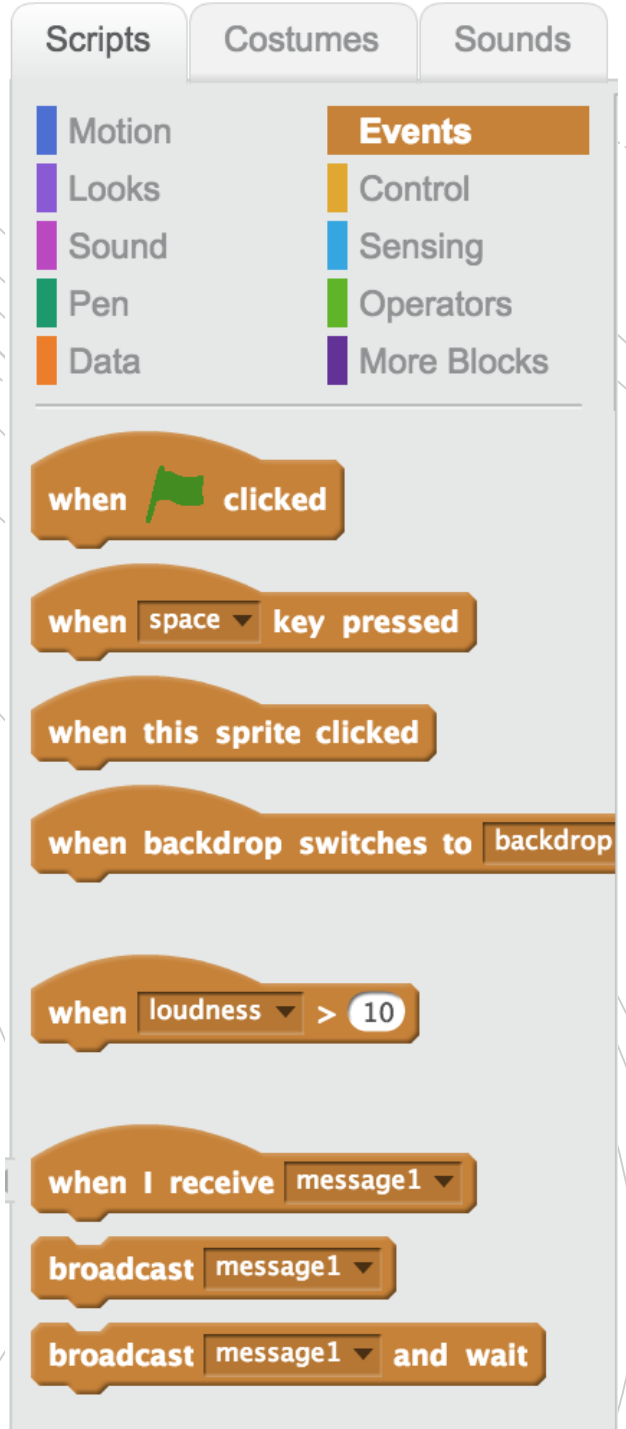
PEN

This allows you to draw shapes and modify the way that these drawings appear.



EVENTS

This controls how and when your program will ‘run’ or beginning playing.

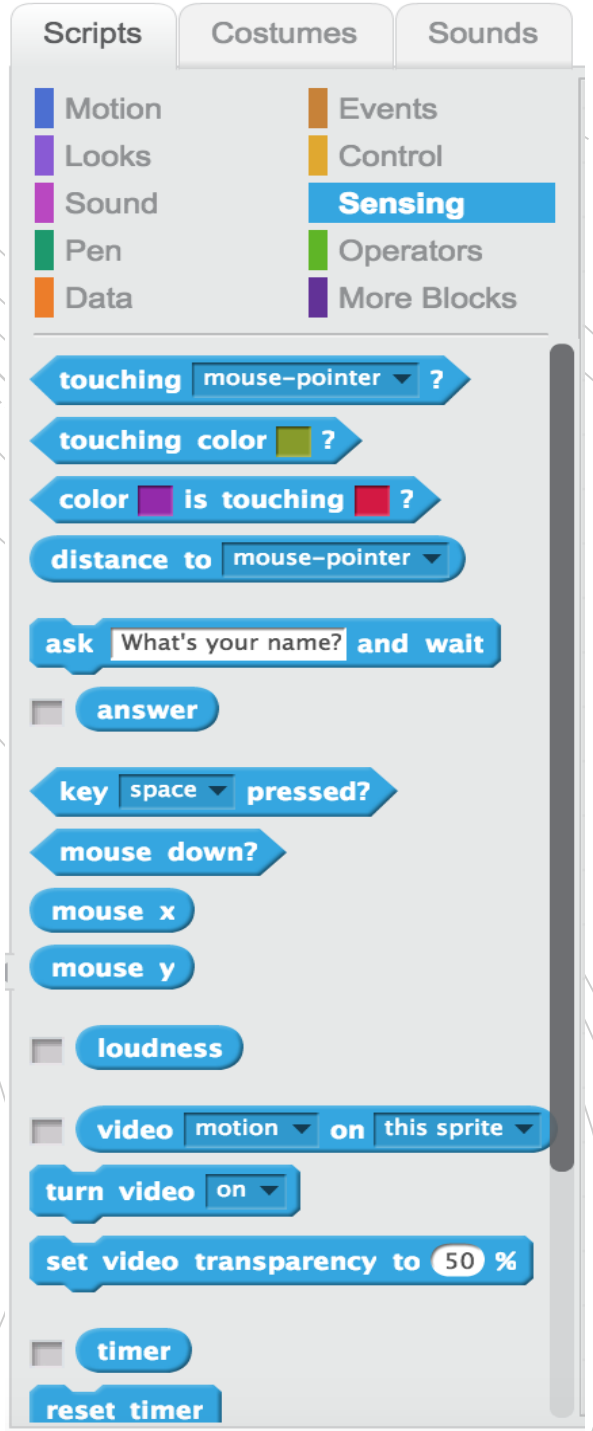


CONTROL

This allows you to slow down the Sprite or repeat parts of the code.

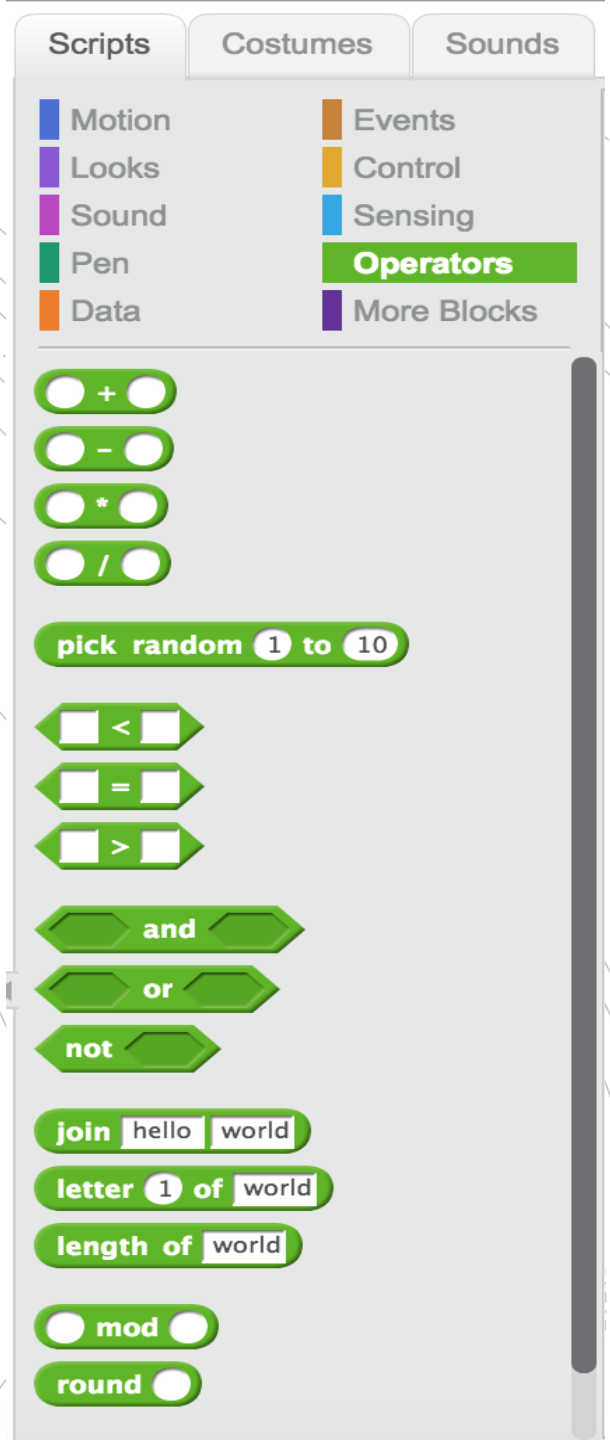
SENSING

This can have the user input different information and can modify the code based on mouse movement.



OPERATORS

This has different mathematical operators so that you can complete different math problems if you code requires.



Some common Scratch terms…

- *Sprite* → this is what we call the icon of the program. When we you first open the program the default is an orange cat.

- *Background* → this is the back colour of the program. When you first open the program the default is a white background.

- *Loop* → this is something you might heard talk about. As you work through the worksheets we will talk about loops but essentially these are a way to repeat code in a program.

Are there any questions before we begin?