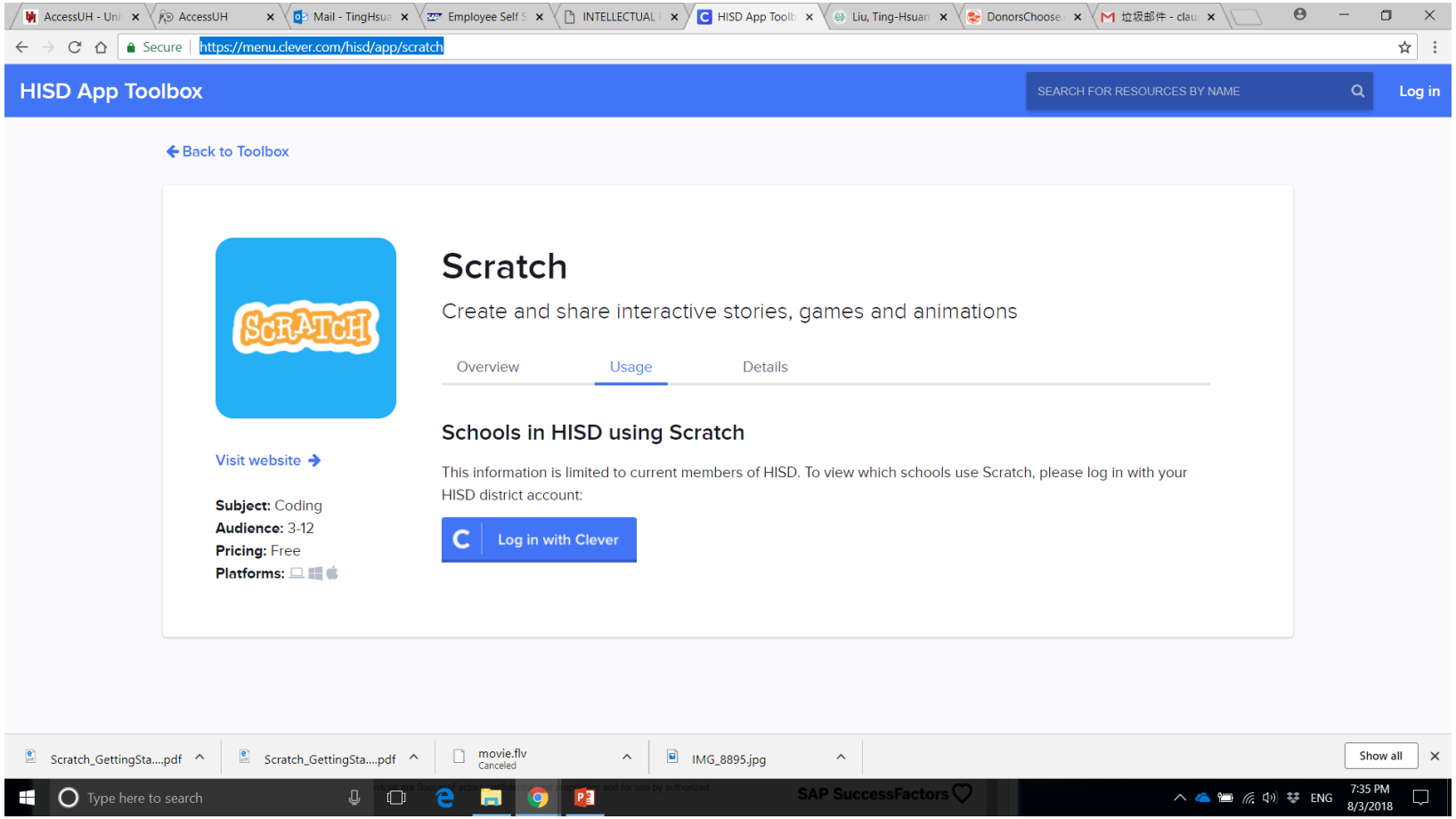
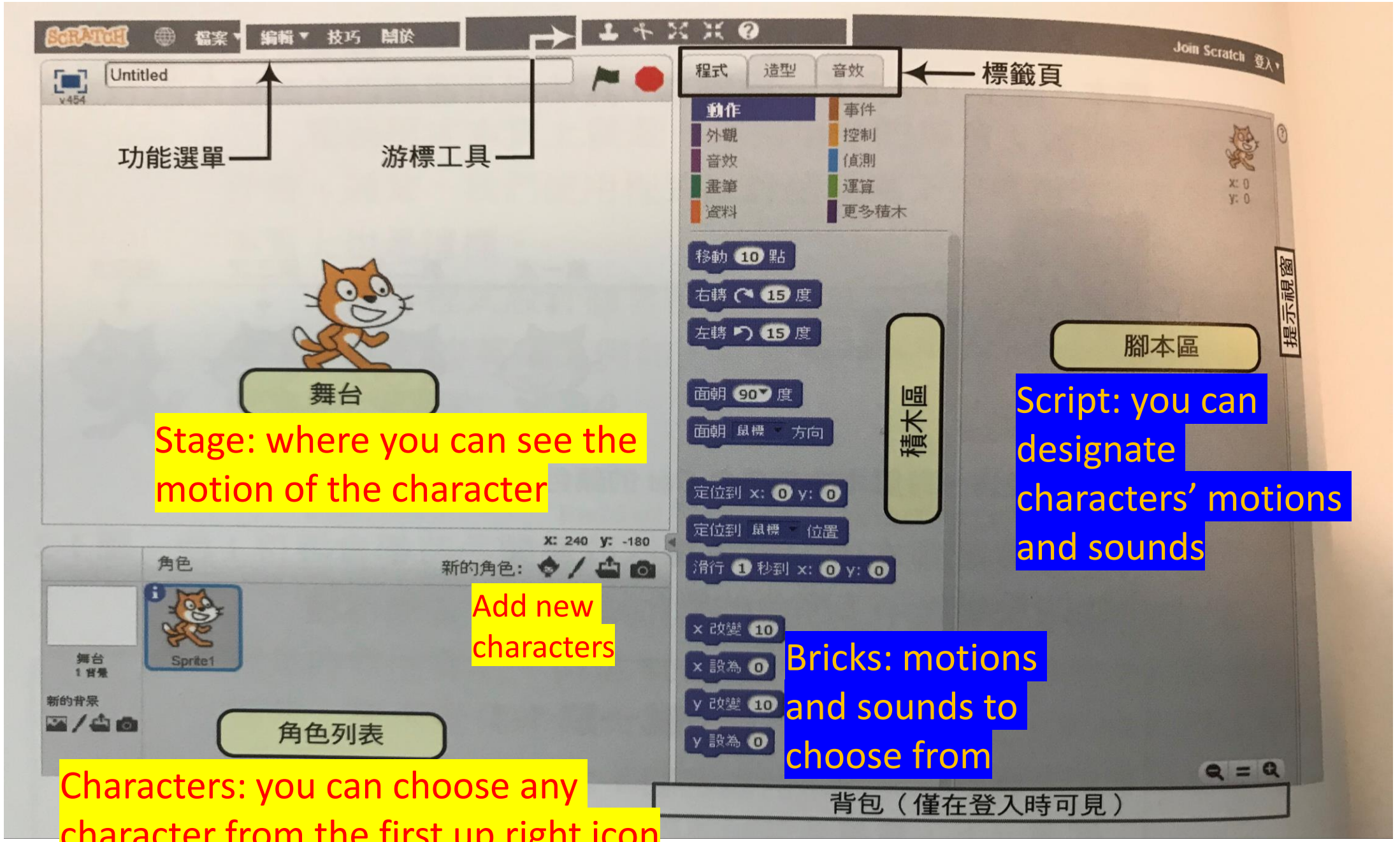
用SCRATCH做数学专案

How to use “SCRATCH” to make your math project?

- MIMS 5th grade
- Ms. T. Liu

第一步 First step



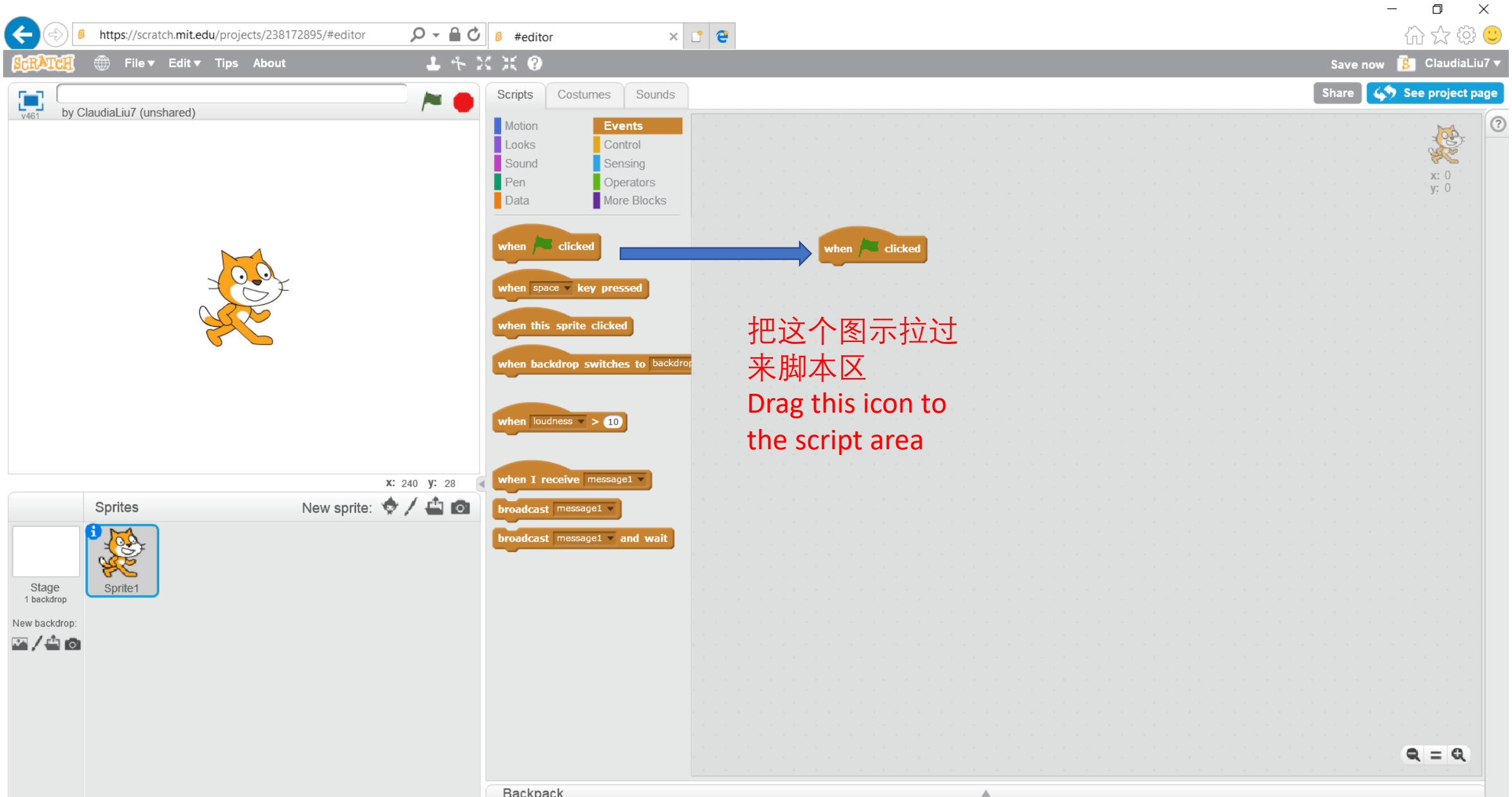

功能選單
游標工具
標籤頁
舞台
Stage: where you can see the motion of the character
腳本區
Script: you can designate characters' motions and sounds
積木區
Add new characters
Bricks: motions and sounds to choose from
角色列表
Characters: you can choose any character from the first up right icon
背包（僅在登入時可見）

第二步 Second step

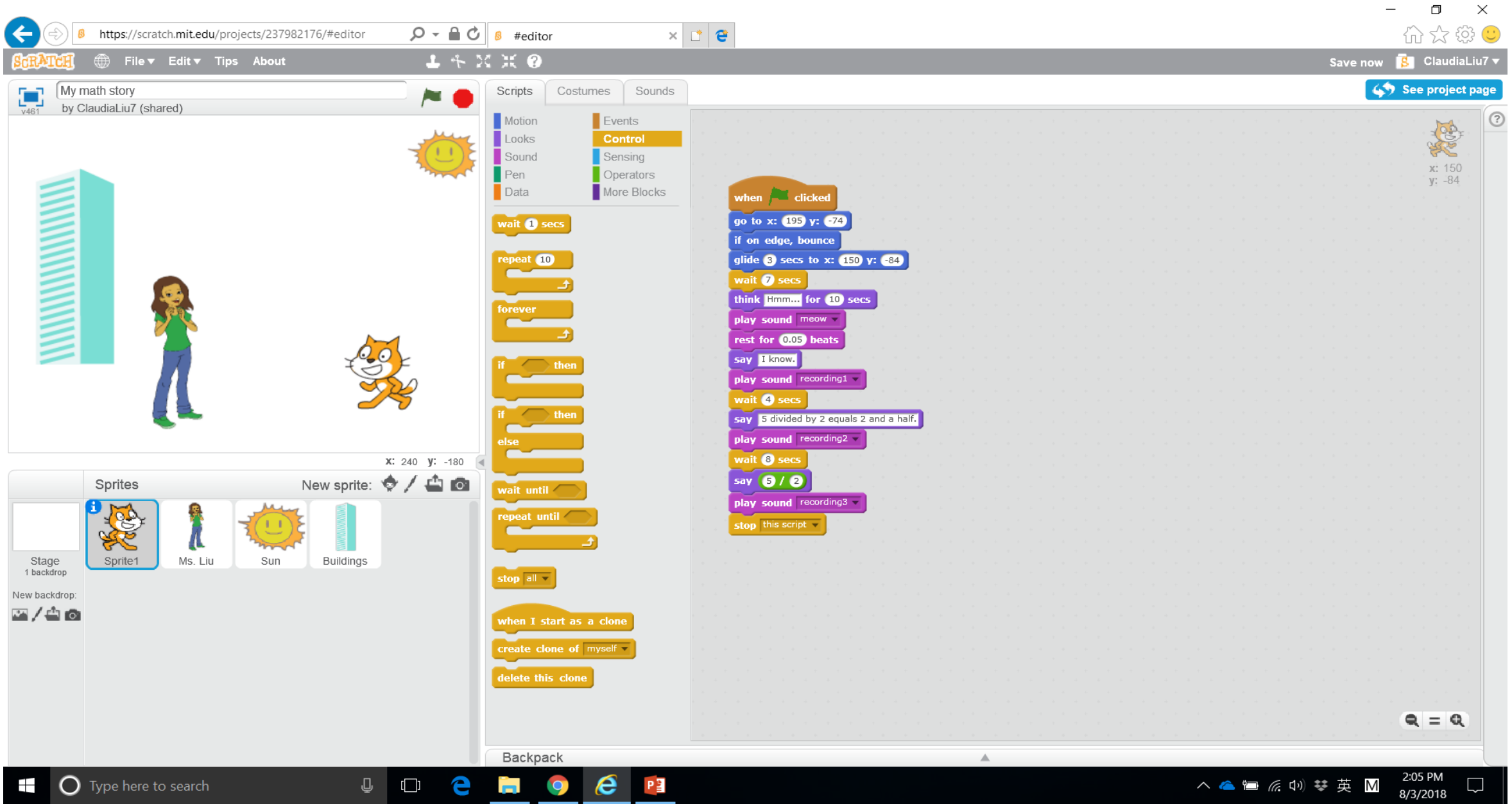
1. 为专案命名(name your project)
2. 经常储存专案(save your project constantly)
3. 选择脚色(choose your characters)
4. 写脚本时，先到“事件”选择专案播放方式(The first thing you do is to go to **“Event”** to set up how you want to play your motion picture)
5. 选择动作和音效,把他们放在脚本区(choose motions and sounds from bricks and drag them to the script)
6. 经常播放脚本确定脚色的动作和音效(Please your motion picture constantly to see if the effects work.)

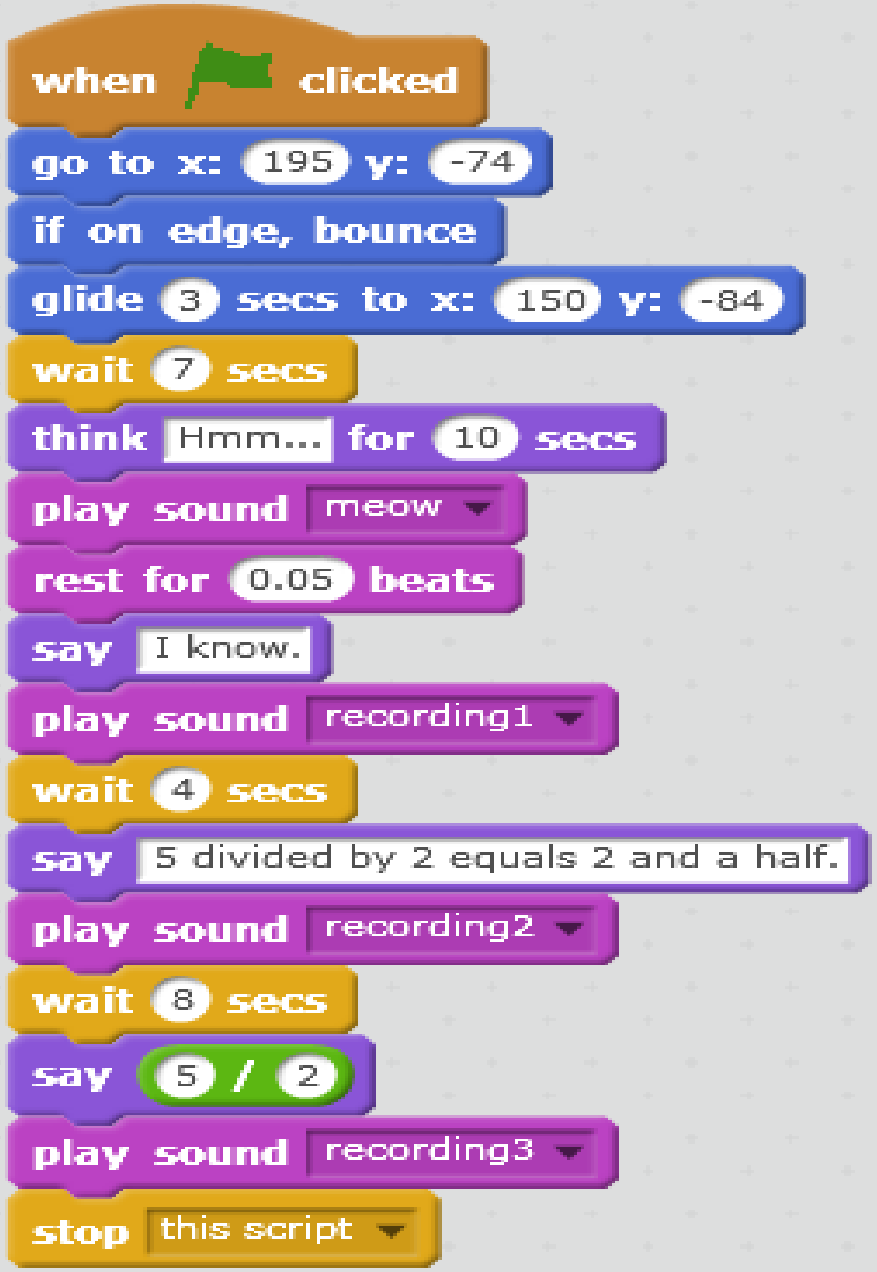
https://scratch.mit.edu/projects/238172895/#editor
#editor
File
Edit
Tips
About
v461
by ClaudiaLiu7 (unshared)
专案名字
Name the project
Scripts
Costumes
Sounds
Motion
Looks
Sound
Pen
Data
Events
Control
Sensing
Operators
More Blocks
move 10 steps
turn 15 degrees
turn 15 degrees
point in direction 90
point 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
set rotation style left-right
x position
y position
x: 240 y: -180
Sprites
New sprite:
Stage
1 backdrop
New backdrop:
Sprite1
增加新角色
add new
characters

选择播放方式


https://scratch.mit.edu/projects/238172895/#editor
#editor
File
Edit
Tips
About
Save now
ClaudiaLiu7
by ClaudiaLiu7 (unshared)
Scripts
Costumes
Sounds
Share
See project page
Motion
Looks
Sound
Pen
Data
Events
Control
Sensing
Operators
More Blocks
when clicked
when space key pressed
when this sprite clicked
when backdrop switches to
when loudness > 10
when I receive message1
broadcast message1
broadcast message1 and wait
when clicked
x: 0
y: 0
把这个图示拉过来脚本区
Drag this icon to the script area
x: 240 y: 28
Sprites
New sprite:
Stage
1 backdrop
Sprite1
New backdrop:
Backpack

我的脚本---猫咪 the script for the cat





我的脚本---猫咪
the script for the cat

Scratch - Imagine, Progra

Secure | https://scratch.mit.edu

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The Next Generation of Scratch

Scratch 3.0 is coming in January! Try the Beta version now.

Try it!

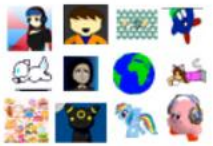
Welcome to Scratch!

x

Learn how to make a project in Scratch

Try out starter projects

Connect with other Scratchers



Scratch News

View All

Scratch 3.0 Beta
Scratch 3.0 is coming in January! Click here to learn more and try the Beta version…

Scratch Camp: Music Week!
What's that sound in my ear? For this week's Scratch Camp, we're experimenting with sounds and music! …

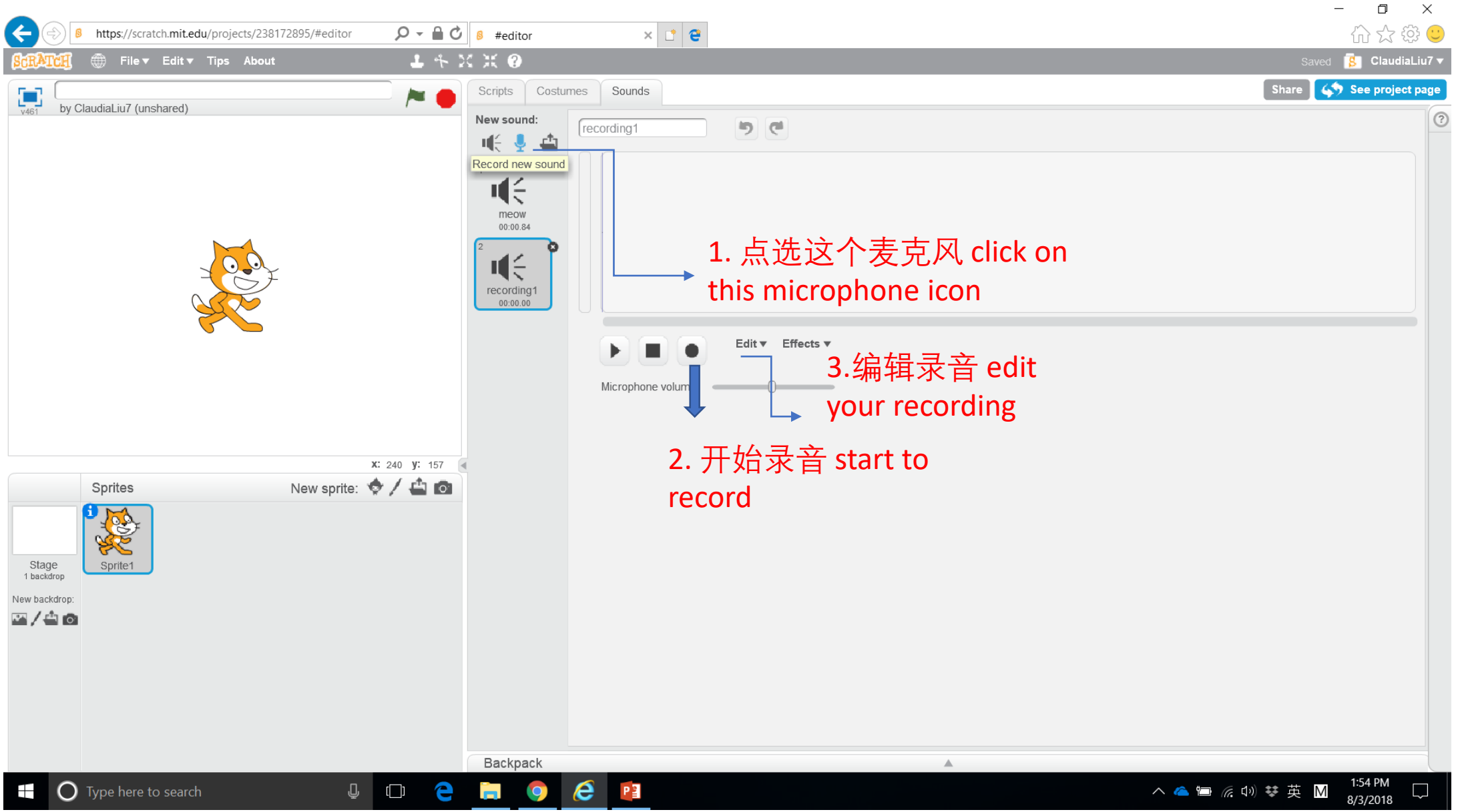
Wiki Wednesday
Check out the new Wiki Wednesday forum post, a news series highlighting the Scratch Wiki!

https://scratch.mit.edu/projects/editor/

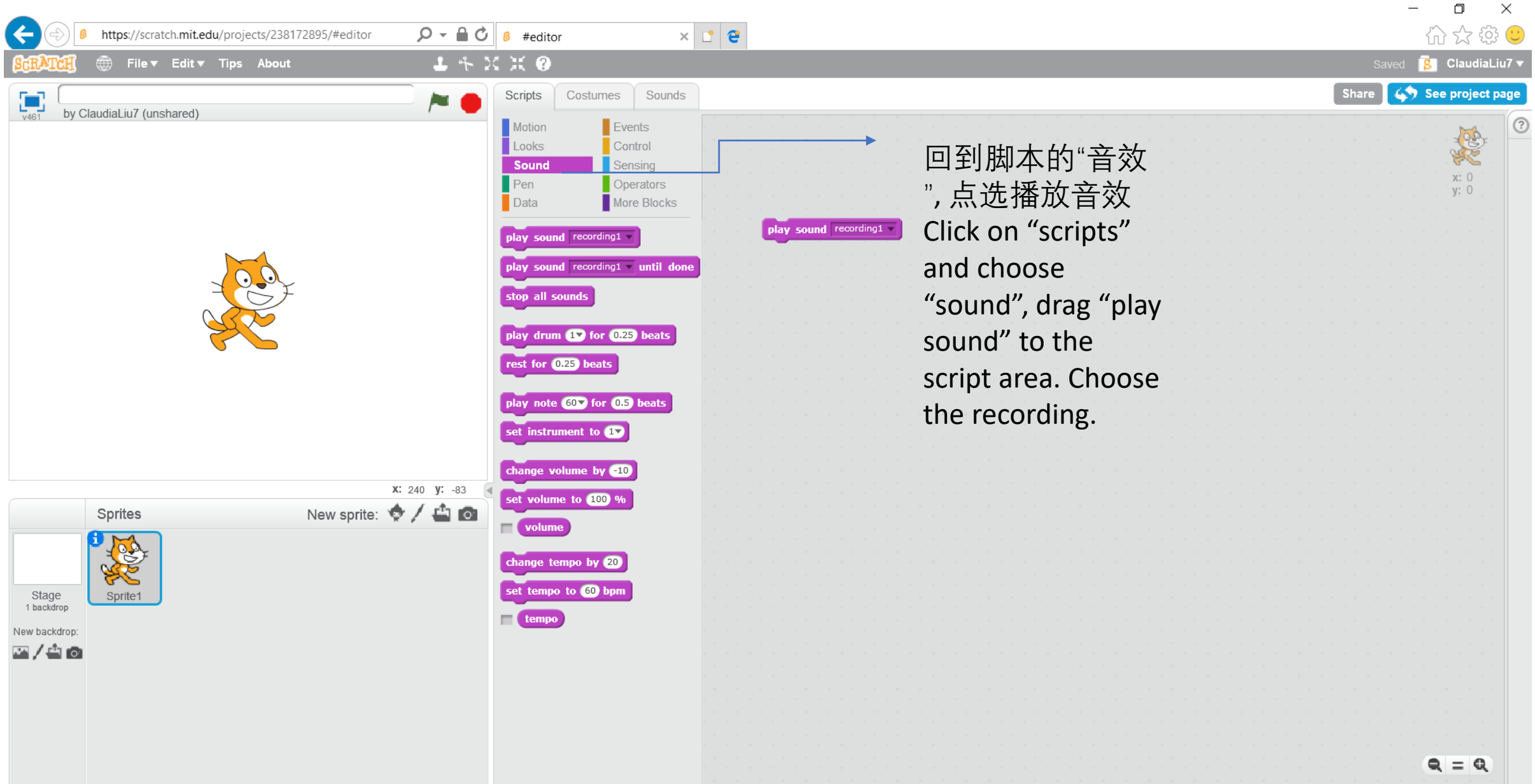
Type here to search

ENG 4:07 PM 8/5/2018

录新的音档(make new recording)



加入新的音档(play the new recording)



My demo

Please use Adobe player to check on this video

https://scratch.mit.edu/projects/237982176/#player