

CoderDojo Athenry

"Above all, be cool"



Every week:

- ✓ Sign in at the door

If you are new:

- ✓ Fill in Registration Form
- ✓ Ask a Mentor how to get started

**Make sure you are on the Athenry
Parents/Kids Google Group:** email
coderdojoathenry@gmail.com

CoderDojo Athenry

SCRATCH Beginners



Code and notes by Martha Fahy



Today's Challenge: Storytelling



Today's Big Ideas



Speech
Bubbles &
Sound



Imagination!

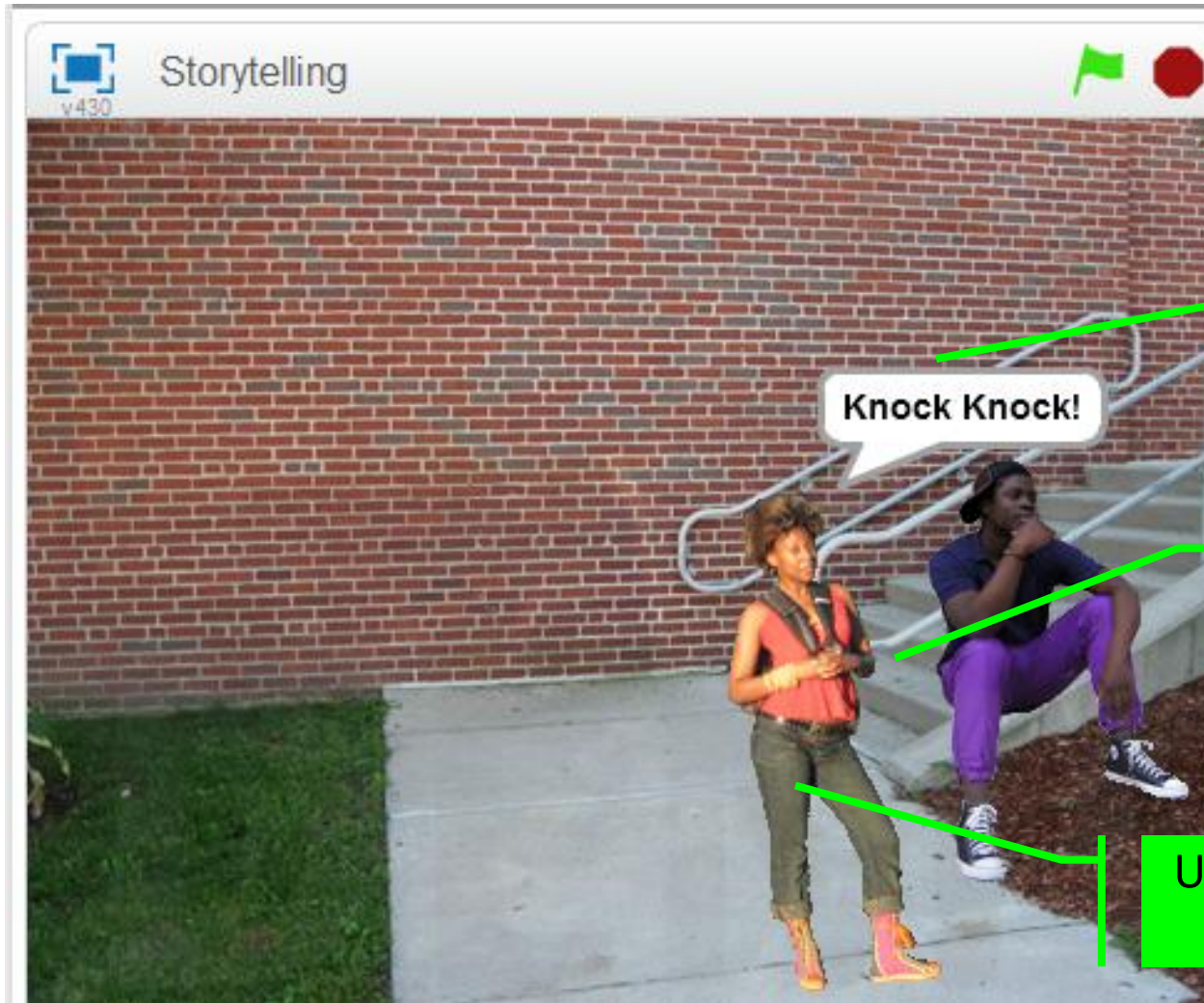


Sprites

Telling A Story



How To Do It



Decide what they should do & say

Pick some sprites

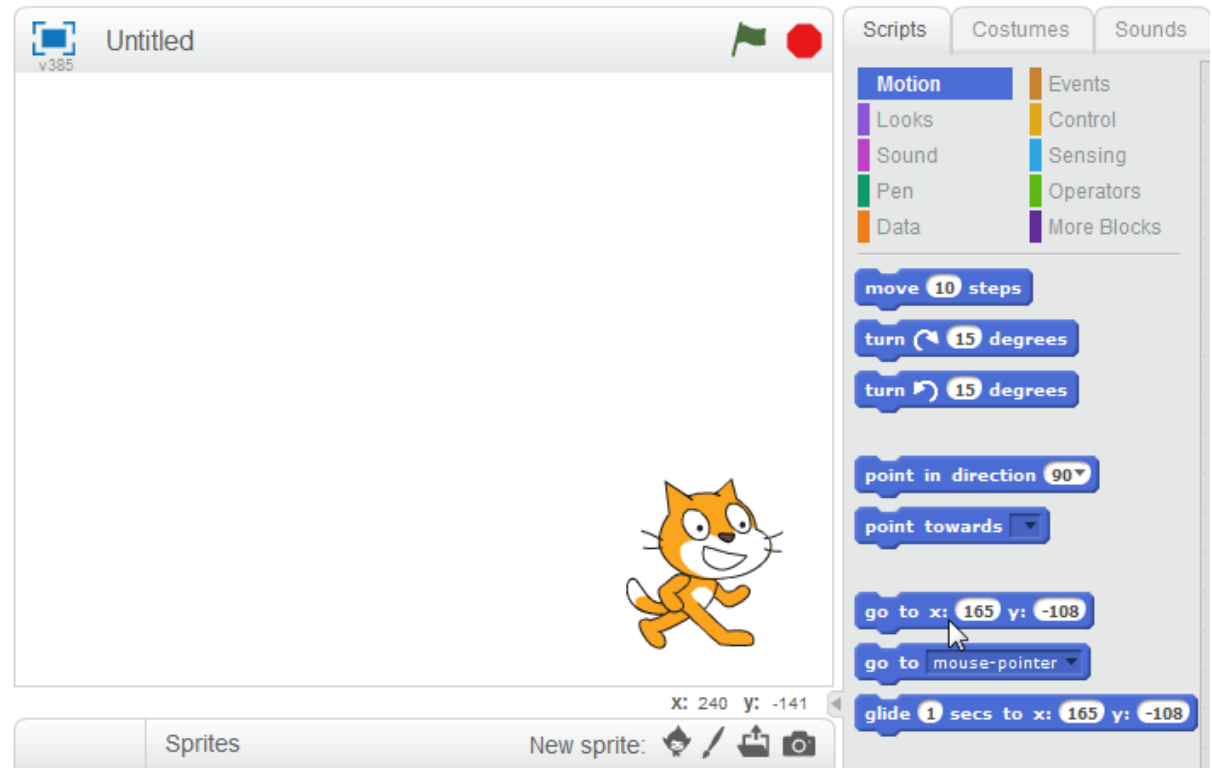
Use times and waits so they sync up

Go to x: y:

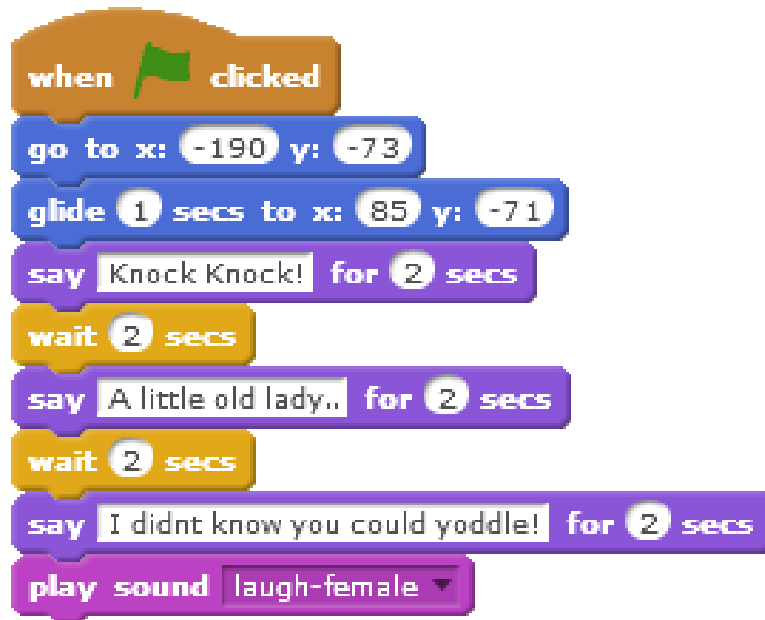
SCRATCH 2 makes this very easy:

Select your sprite and move it to a position on the stage

These co-ordinates will show on the coding blocks

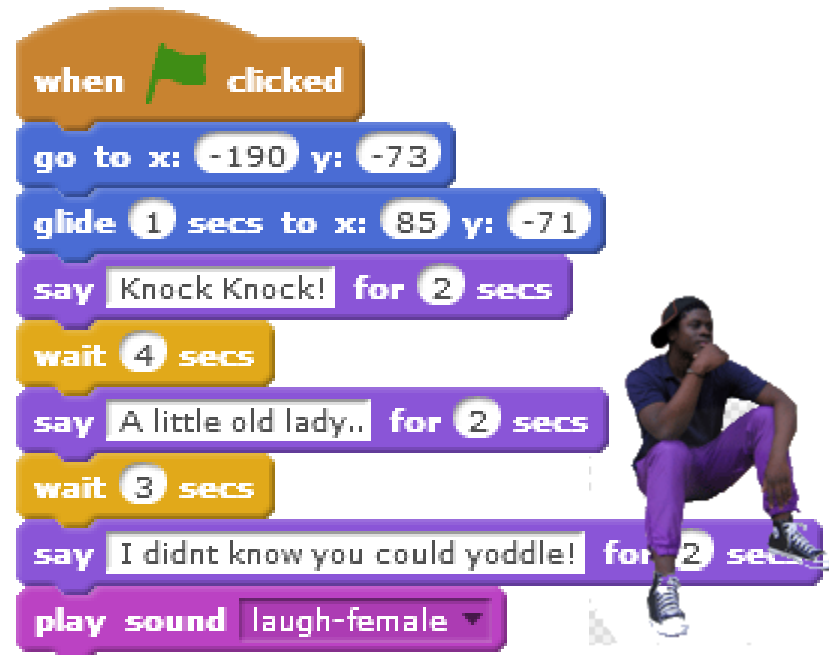


How To Do It: The Code



```
when green flag clicked
go to x: -190 y: -73
glide 1 secs to x: 85 y: -71
say Knock Knock! for 2 secs
wait 2 secs
say A little old lady.. for 2 secs
wait 2 secs
say I didnt know you could yoddle! for 2 secs
play sound laugh-female
```

Scratch code blocks for a female character. The code starts with a 'when green flag clicked' event, followed by a 'go to x: -190 y: -73' block, a 'glide 1 secs to x: 85 y: -71' block, a 'say Knock Knock! for 2 secs' block, a 'wait 2 secs' block, a 'say A little old lady.. for 2 secs' block, another 'wait 2 secs' block, a 'say I didnt know you could yoddle! for 2 secs' block, and finally a 'play sound laugh-female' block.



```
when green flag clicked
go to x: -190 y: -73
glide 1 secs to x: 85 y: -71
say Knock Knock! for 2 secs
wait 4 secs
say A little old lady.. for 2 secs
wait 3 secs
say I didnt know you could yoddle! for 2 secs
play sound laugh-female
```

Scratch code blocks for a male character. The code starts with a 'when green flag clicked' event, followed by a 'go to x: -190 y: -73' block, a 'glide 1 secs to x: 85 y: -71' block, a 'say Knock Knock! for 2 secs' block, a 'wait 4 secs' block, a 'say A little old lady.. for 2 secs' block, a 'wait 3 secs' block, a 'say I didnt know you could yoddle! for 2 secs' block, and finally a 'play sound laugh-female' block.



Test Timings are Correct!

You Can Do Lots More!

Think of new **stories** or **jokes**



Record voices on the **Sound** tab



Animate with different costumes

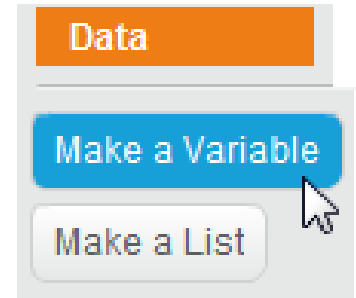


Use **Broadcasts** for more syncing



Some Hints!

Make a **Variable** to hold your answer



Make a **Broadcast** to let the other sprite know when to do something



Change between **Costumes** to create animation.

At the End ...

Upload your project to the Scratch Website

user: **cdathenry** password:

Access it
from home



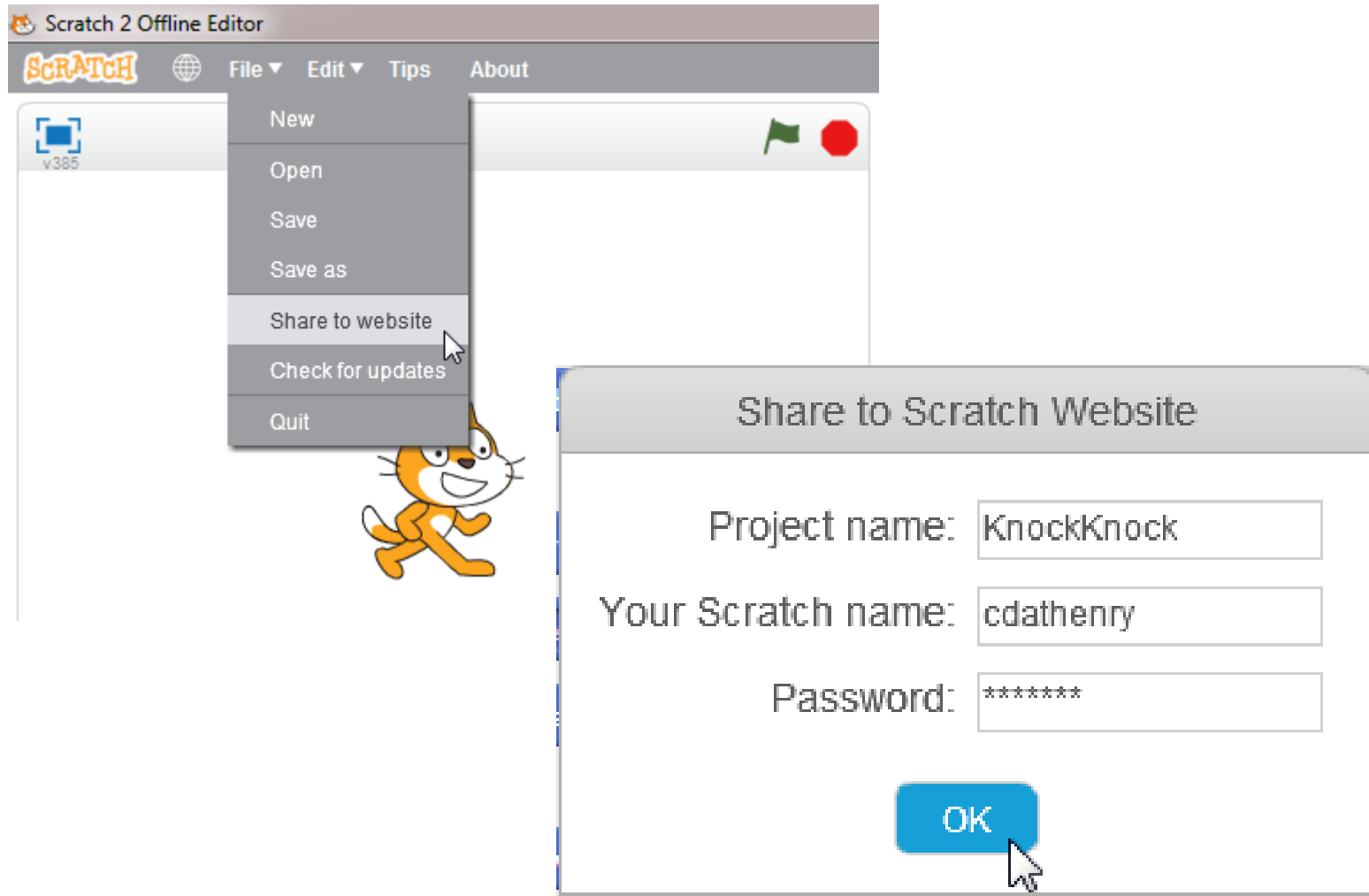
Improve it



Show your
friends!



Uploading to Scratch Website



For next week...

Please download
Paint.net

www.getpaint.net

