

# 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](mailto:coderdojoathenry@gmail.com)

# CoderDojo Athenry

SCRATCH Beginners



Code and notes by Martha Fahy

# Today's Challenge: **Storytelling**



# Today's Big Ideas



Speech  
Bubbles &  
Sound



Broadcasts!



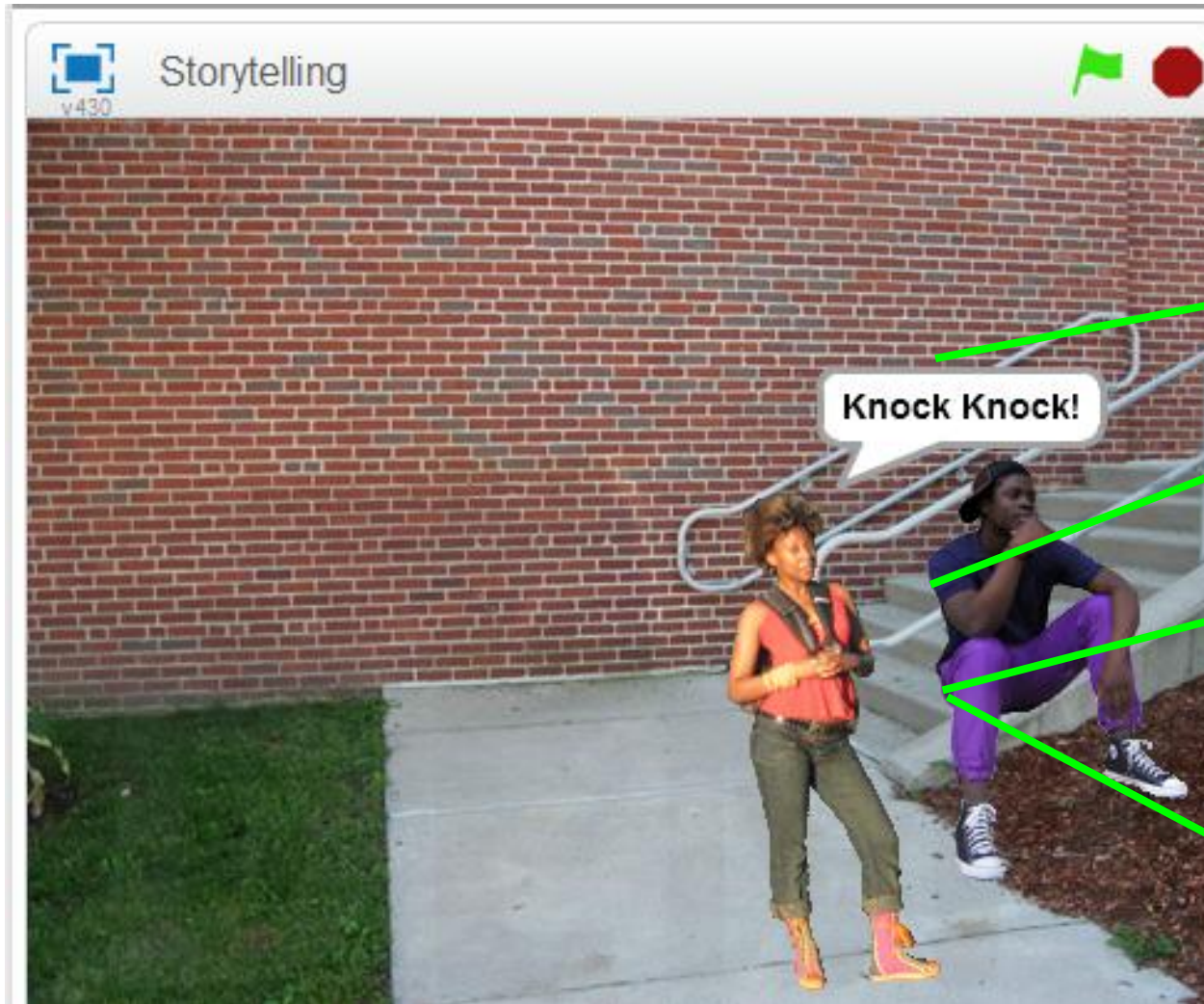
Changing  
backgrounds

# Telling A Story



Your sprites can be **actors** in your own story or joke!

# How To Do It



Decide what they should do & say

Pick some sprites

Place your sprites and have them come together to chat

You can time it and use waits so they sync up, but we will be using **broadcasts**.

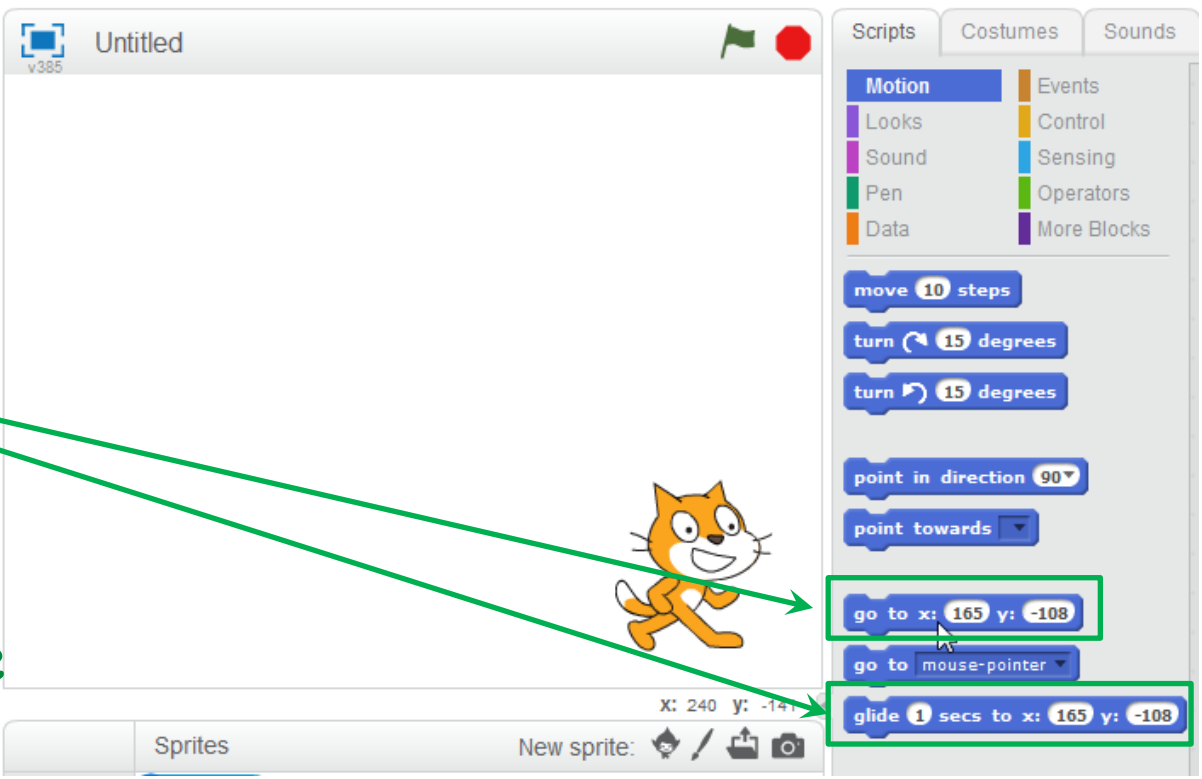
Go to x:  y:

# 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

Drag and drop the coding block into the scripts page.



# How To Do It: The Code

1st Sprite's Script

```
when green flag clicked
  switch costume to lb stance
  go to x: 134 y: -26
  glide 1 secs to x: 50 y: -18
  say Knock Knock!! for 2 secs
  broadcast Knock Knock

when I receive Who's there
  say Dwayne! for 2 secs
  broadcast Dwayne

when I receive Dwayne who
  say Dwayne the tub, I'm Drowning! for 2 secs
  broadcast I'm Drowning

when I receive Let's Dance!!
  forever
    next costume
    wait 0.15 secs
```

2nd Sprite's Scripts

```
when green flag clicked
  switch costume to jo stance
  go to x: -145 y: -38
  glide 1 secs to x: -58 y: -30

when I receive Knock Knock
  say Who's There??! for 2 secs
  broadcast Who's there

when I receive Dwayne
  say Dwayne Who??! for 2 secs
  broadcast Dwayne who

when I receive I'm Drowning
  play sound laugh-female until done
  broadcast Let's Dance!!
  say Let's Dance!

when I receive Let's Dance!!
  forever
    next costume
    wait 0.15 secs
```

Check your coding as you go by clicking the green flag, often!



# 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

# At the End ...

Upload your project to the Scratch Website  
user: [cdathenry1516](#) password: [cdathenry](#)

Access it  
from home



Improve it



Show your  
friends!



# Uploading to Scratch Website

