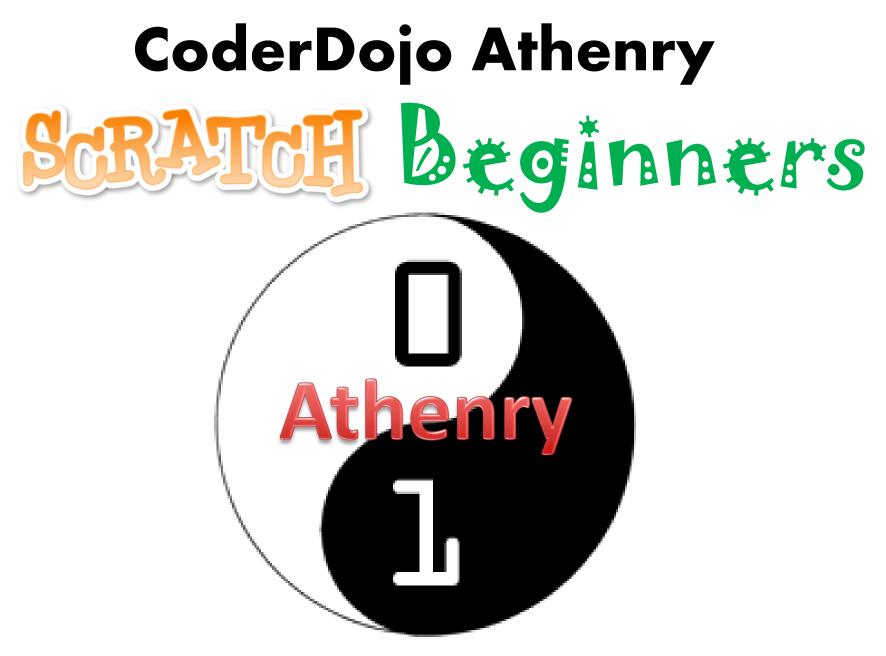
CoderDojo Athenry "Above all, be cool"



Every week: ✓ Sign in at the door

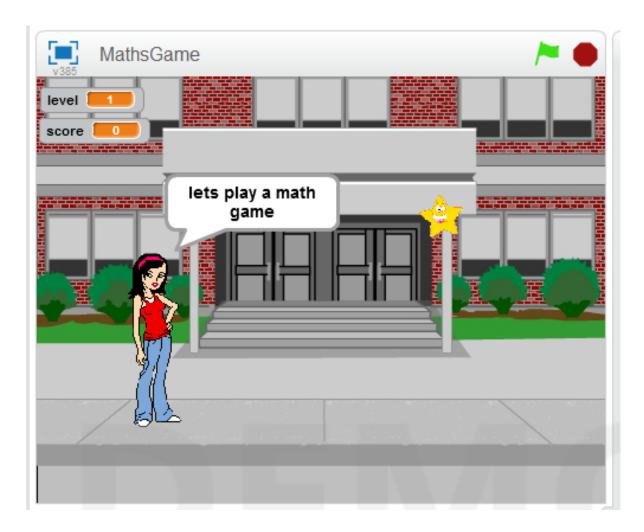
If you are new:
✓ Fill in Registration Form
✓ Ask a Mentor how to get started

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

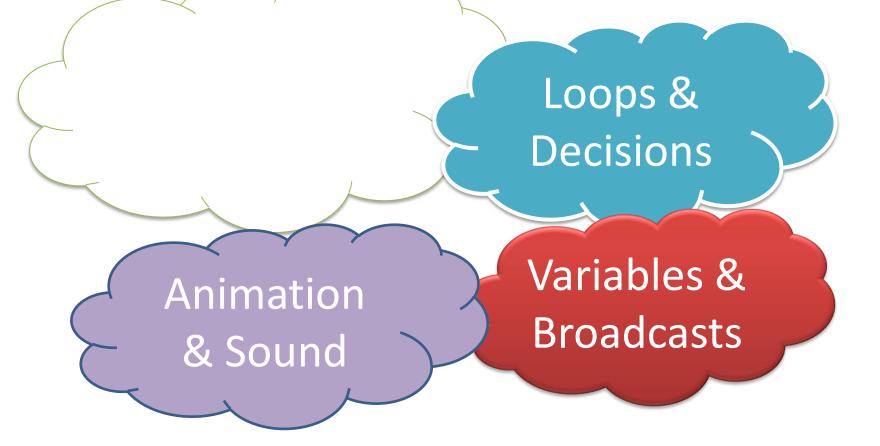


Code and notes by Martha Fahy

Today's Ninja Challenge: Make a Game Maths Game



Use Big Ideas that You Should Understand to Get a Yellow Belt



Design your Sprites

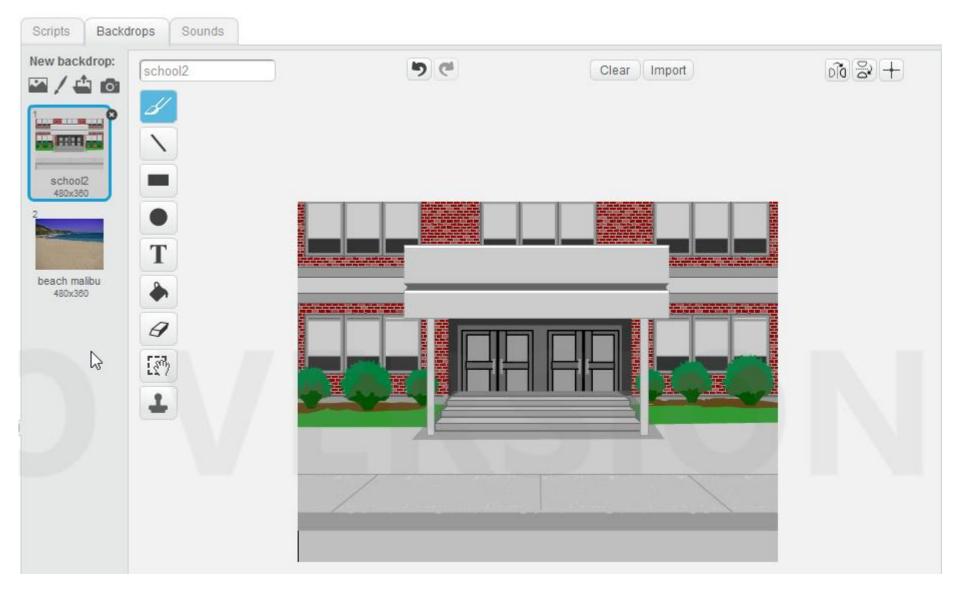
First Sprite will ask the questions



Second Sprite will grow/change depending on answer



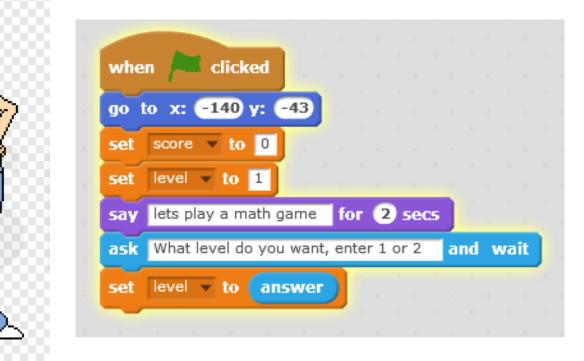
Select your Backgrounds



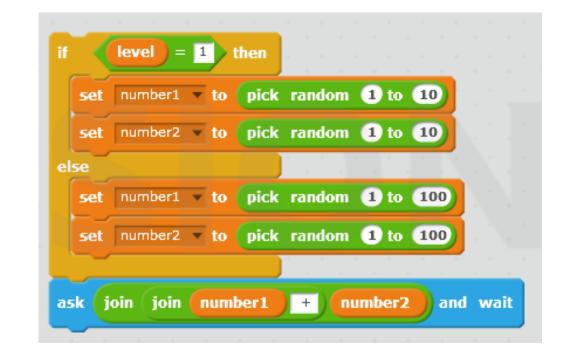
Create First Two Variables



Code for Sprite 1 to ASK Questions....

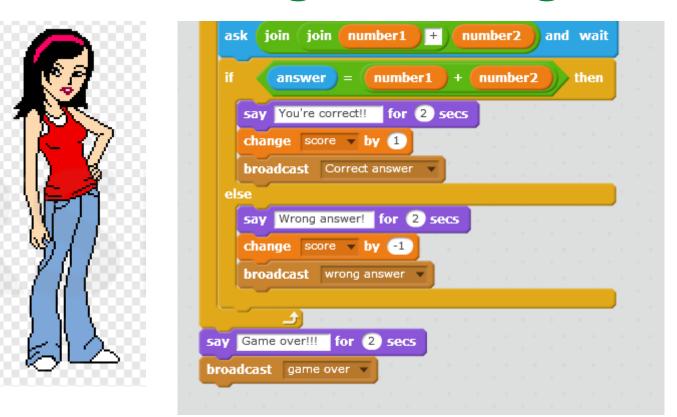


Code for Sprite 1 to Set Math Questions....





Code for Sprite 1 when it receives Right/Wrong answers..



Note: repeat by 5 Or 10 or however many...why?

Code for Sprite 2 ...



*Switch Costume

*Set Size

*React to Right or Wrong answer



Code for Backgrounds...



Alternative code for backdrop change using the broadcasts

- W	nhen 🦰 clicked
. 5	witch backdrop to chalkboard 💌
	hen I receive game over
- 1 -	
5	witch backdrop to rays
fc	prever
	change fisheye 🔻 effect by 25
	wait 0.1 secs

Add more and make it better!

Have the player choose between

addition and subtraction OR

Add three numbers together OR

Give them a choice of three levels

At the End ...

Upload your project to the Scratch Website user: cdathenry1516 password: cdathenry

> Access ít from home

Improve it

Show your friends!



Uploading to Scratch Website

Scratch 2 Offline Editor			
SCRATCE			
New			
v385 Open			
Save			
Save as			
Share to website			
Check for updates			
Quit	Share to Scratch Website		
	Project name: KnockKnock		
V 🖕	Vour Caratab paras		
	Your Scratch name: cdathenry1516		
	Password:		
	Password: cdathenry		
	OK		
	6		