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 Intermediate & Advanced



Code and notes by Michael Madden, 2013

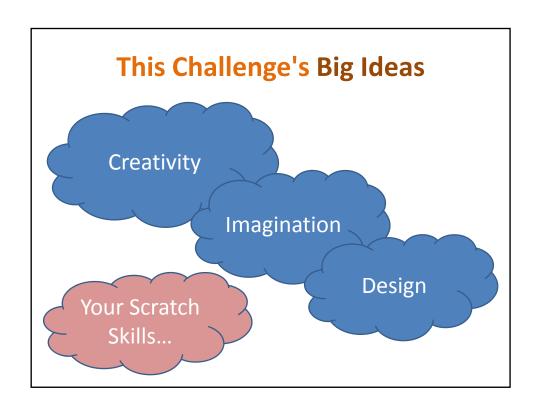
New Plasticine!



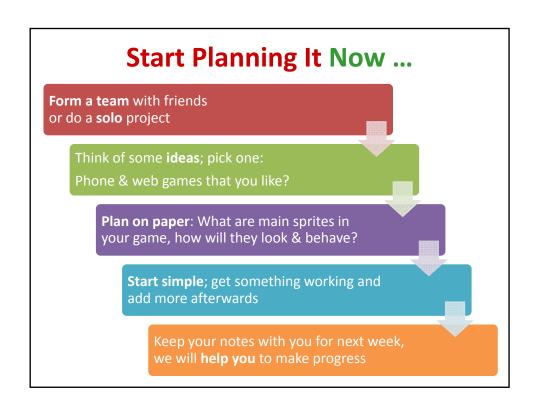
Huge thanks to www.SpecialistCrafts.ie

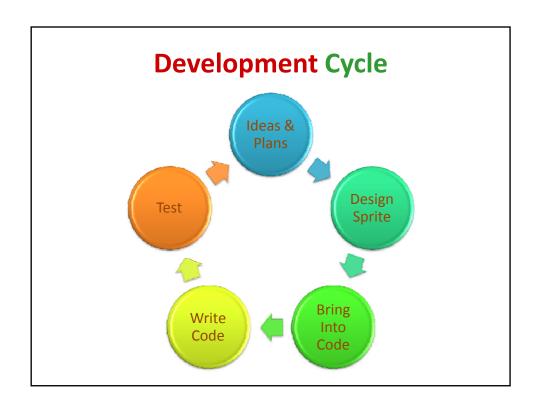


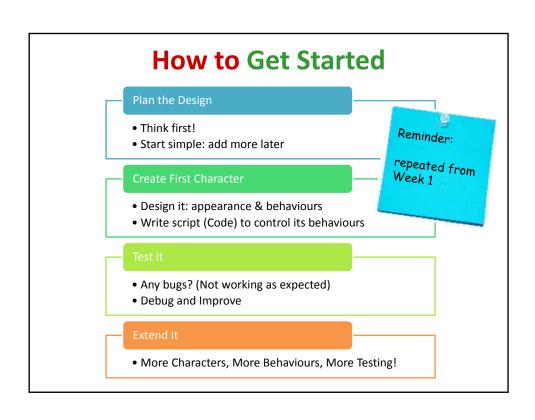


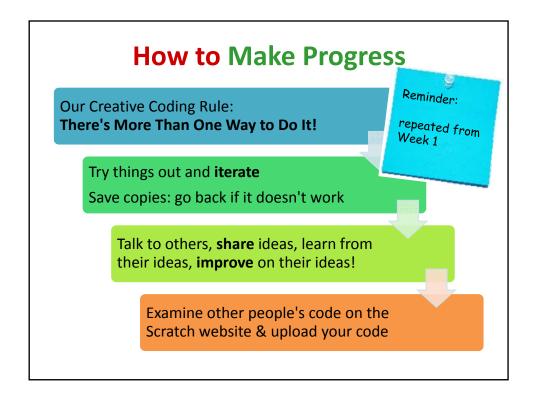














Two to Earn: White or Yellow

Yellow Scratch Belt: Competent Scratch Coder





- 1. Qualify for a White Belt
- 2. Write and explain a Scratch Program with:

Forever/Repeat If blocks
Variables Animation/Sound
Sprite controlled by mouse or keyboard

Must be all your own work!

Procedure for Yellow Belt

A couple of mentors will have a chat with you

Ask you to show us your code (new or old)

See if you know **most** of these Scratch ideas:

Loop Blocks (Forever/Repeat)

If Blocks

Variables

Animation, Sound & Changing Backgrounds

Make a Sprite Move

Make a Sprite Say Something

Use Broadcasts

Yellow Scratch Belt: Program Ideas

Squash Game

Control a bat to hit a ball
Ball bounces off wall on the other side
Game over when you miss 5 times

ABC Game

Sprites with A/B/C fall from random start point Press A/B/C key to stop them Keep score of how many you stop

To Earn a Certificate, demo a project at appropriate level Certificate of Project Completion The certificate of Project Completion On respirate at their private and for date at large and Description of their private and for date at large and for their art large and for the state at larg

CoderDojo Competitions: Enter if you wish

Coolest Projects competition (DCU): http://coolestprojects.org/

Cisco Transatlantic Challenge:
http://coderdojo.com/2013/04/11/transatlantic-coderdojo-challenge/

Look into these with your parents ...

Demo Your Creation To Us All!

