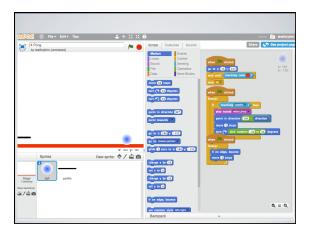## Scratch 2.0 Introduction

John Heffernan

Why? CODE.ORG

- http://code.org/

Additional Rationale

- Math – algorithms

- Software engineering

- Problem solving

- Technology

- Collaboration

- Entrepreneurship

Signing up

- Go to scratch.mit.edu in your browser

- Join Scratch

Basics

- Scripts

- Sprites & Costumes

- Stages & Backdrops

First try - Hello, Me

- Make the cat say, "Hello" when the green flag is clicked

More Tinkering

- See grade 4 sheet

Reflections

Pong

- Create your own pong game

Reflections

Next Steps

- Modify the Pong Game – change sprites, stage, add Lose message, and score

Other Cool Scratch Features

• Photos/videos

• WeDo

• ?

Second Game

• Make up for own game – 2 paddle pong or another game: PacMan, Asteroids, see project idea list also

• Animate a story

• Maze game

Exploring the Community

• Lots of examples

• Kids can share out their creations

• Social

Resources

- http://scratch.mit.edu/

- http://www.scratchjr.org

- http://kidsengineer.com/

- johnheffernan@verizon.net

- http://code.org/

More Resources

- Scratch Getting Started Guide

- http://scratch.mit.edu/help/videos/