CoderDojo Athenry

EXPLORERS

Code and Notes by Martha Fahy, 2018

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

Wifi: coderdojowireless

Weekly Reminders

- **Fire exit doors/main doorways must be kept clear AT ALL TIMES**

- **In the case of an emergency , please proceed in a calm and orderly manner to the nearest Exit and go to your Assembly Point**

Do NOT take anything with you
If you have a child in another room, do NOT go to them, a Mentor will look after them

- **Please leave passageways between desk and keep CLEAR at all times**

THINK SAFETY FIRST!

- **If power cable goes across passageways – must be TAPED DOWN ask mentor for tape**

- **ONLY NINJAS** need a table - parents, please only use a chair

- **If FIRST AID is required please alert a Mentor**

There are a number of trained first responders on site every week

€2

Coffee / **Tea** + 🍪

Help us cut down on Single Use Cups

Bring your own cup (must have lid)

€1.50

 +

Today's Ninja Challenge:
Write Your First Computer Game!
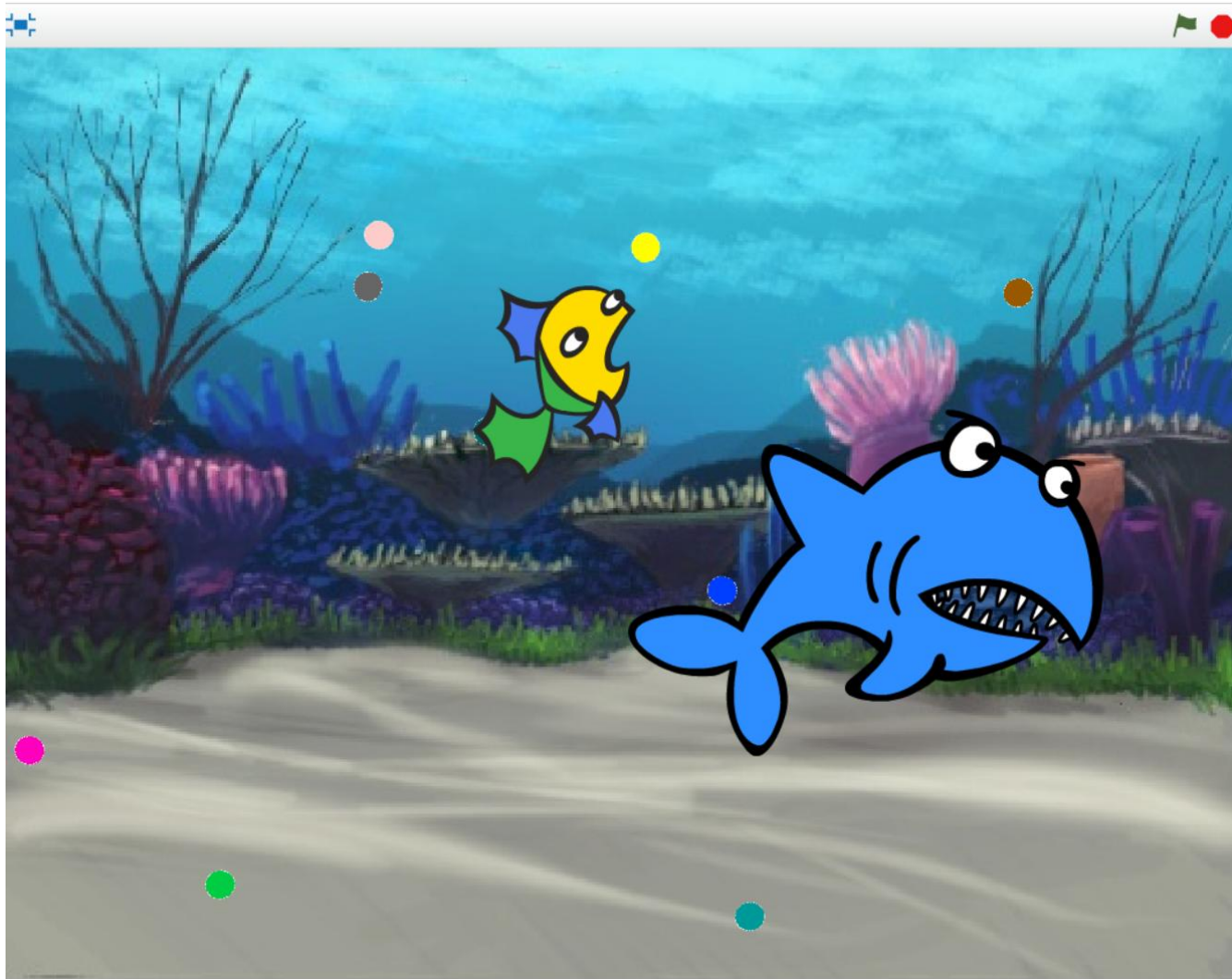
How to Get Started

Make a plan

Start Simple..then add to it

Create your *First Sprite* (Character)

What will it look like, ..how will it behave

Write Code (instructions) to control it

Test it

Any bugs (mistakes/errors)

Fix them

And test again!
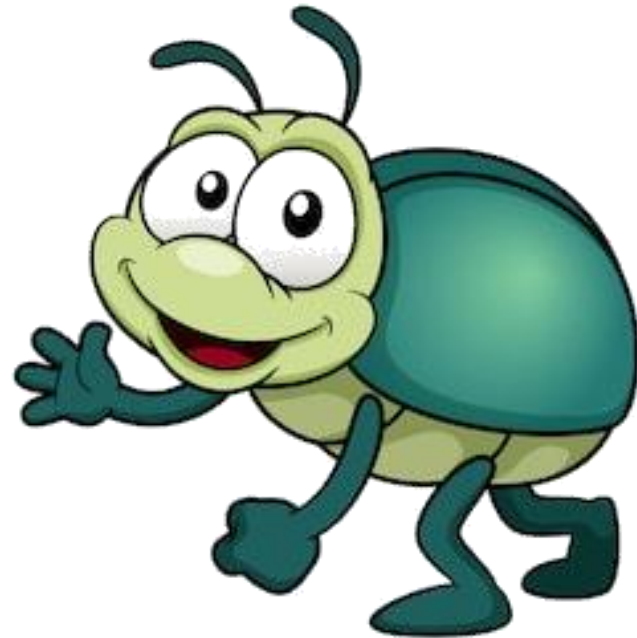
Add to it

More characters

More behaviours

And test again!

There's More than One Way to Do it

Change the Background

Stage
1 backdrop

New backdrop:

Backdrop Library

Category
  All
  Indoors
  Outdoors
  Other

Theme
  Castle
  City
  Flying
  Music and Dance
  Nature
  Space
  Sports
  Underwater

beach malibu   underwater1   underwater2   underwater3   wave

Library   Paint   File   Camera
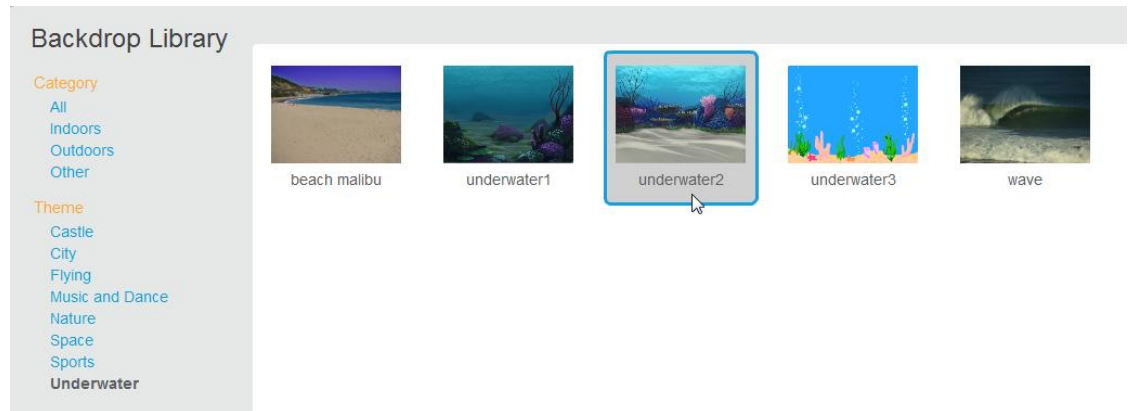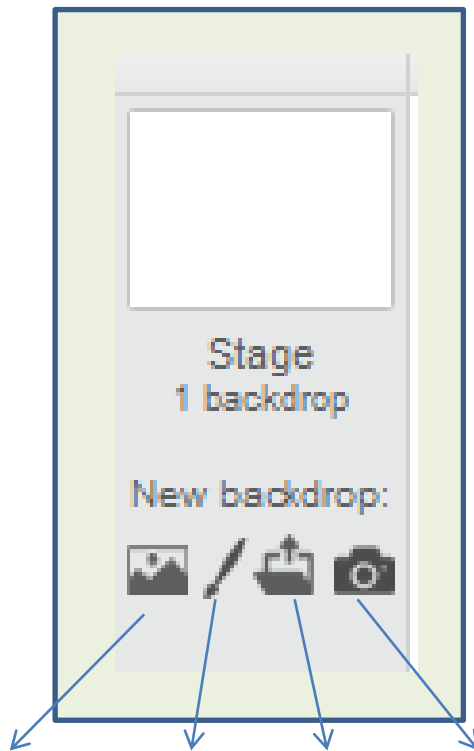
Create a Sprite

New sprite: Choose sprite from library

New Sprite:
Select from existing designs

Tip:
Default size is big relative to stage: this shrinks it

Sprite Library

Category
All
Animals
Fantasy
Letters
People
Things
Transportation

Theme
Castle
City
Flying
Holiday
Music and Dance
Space
Sports
Underwater
Walking

Fish3   Fox
Lion   Lionness
Parrot   Penguin1

Sprites   New sprite:

Harold
x: -124 y: -123   direction: 90°
rotation style:
can drag in player
show:

Name him:

Make it Move Under Your Control

Degrees – Full Circle
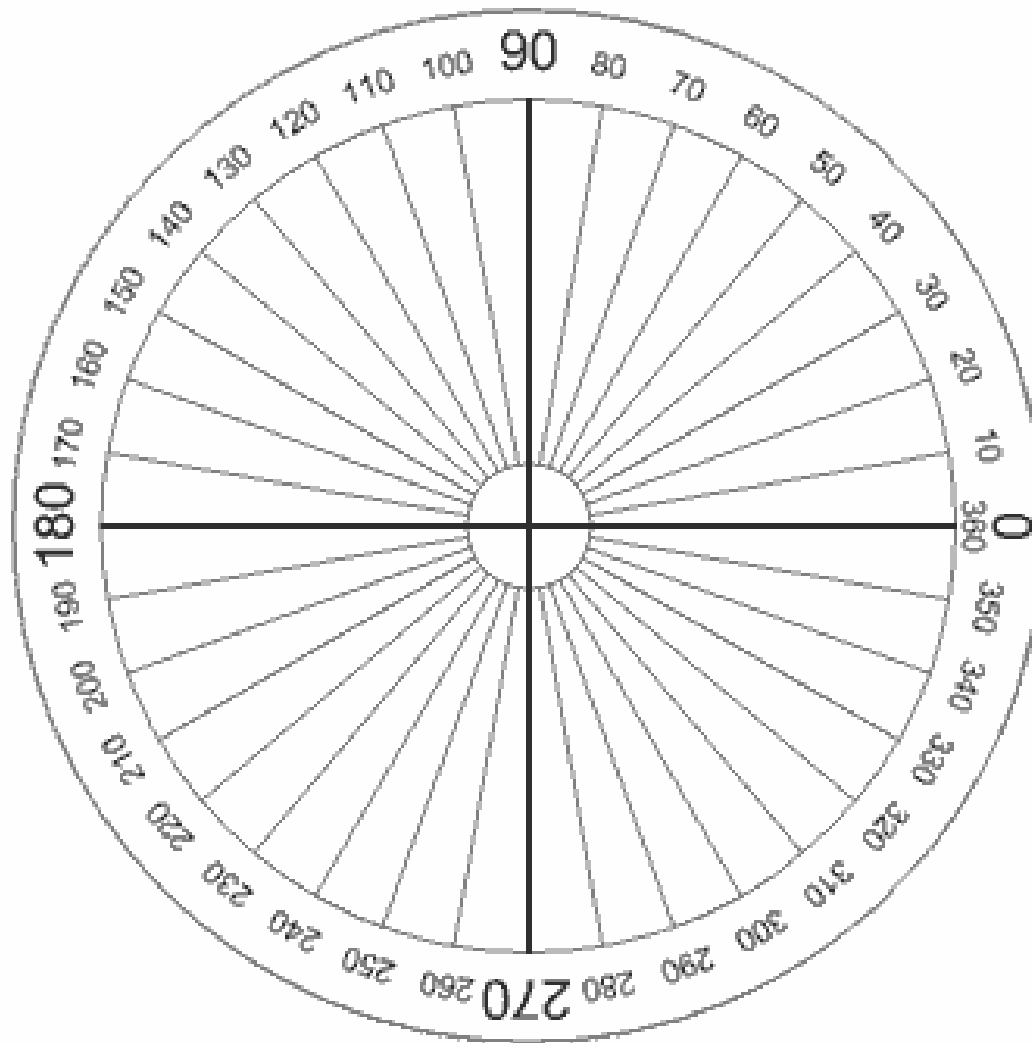
Create Another Sprite that Moves at Random
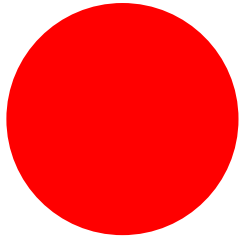
What happens when your **Fish** eats the **Fish Food**

What happens when your **Fish** eats the **Fish Food**

Important

Who might eat the Fish?
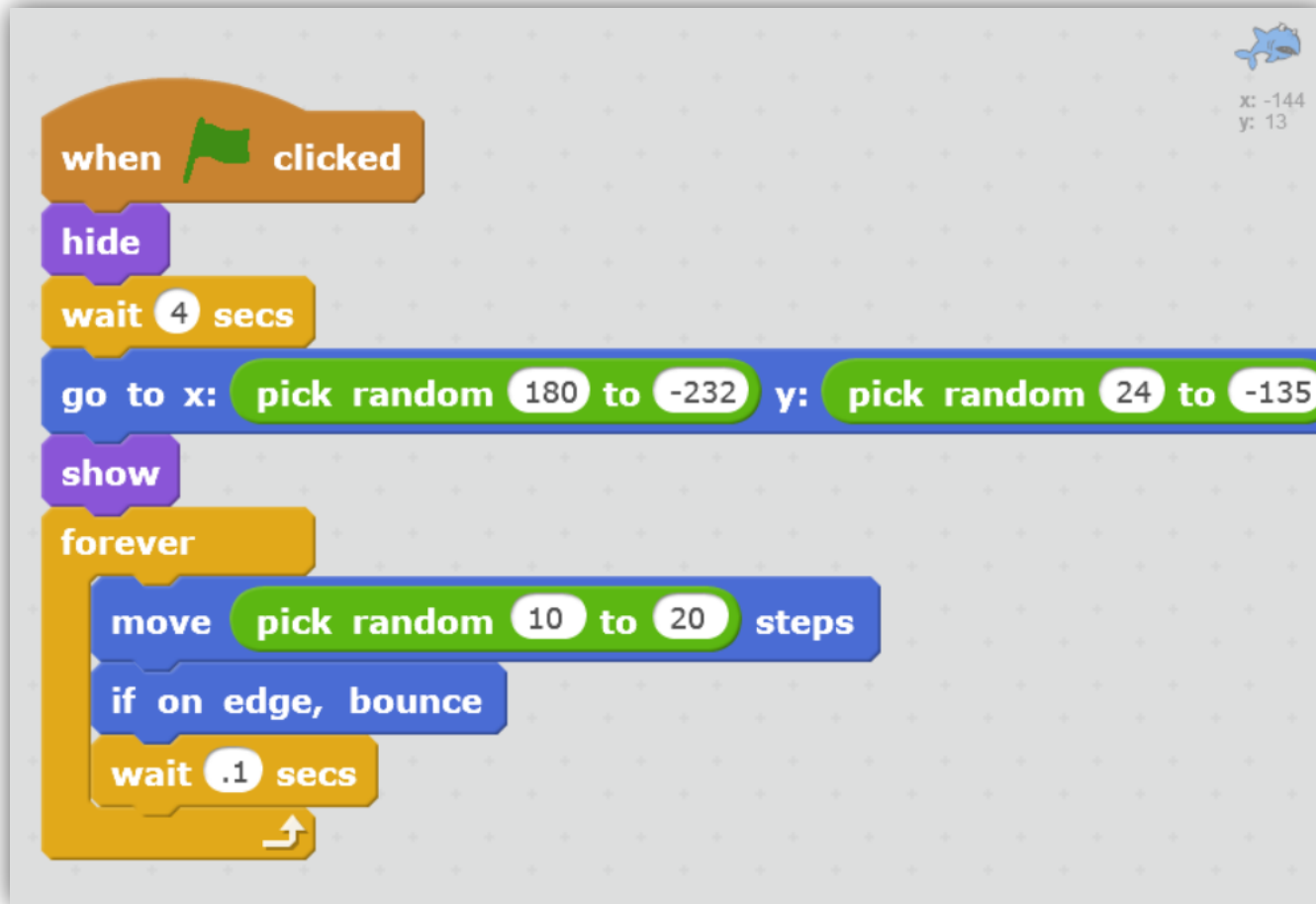
Who might eat the Fish?

What happens the Fish?

At the End ...

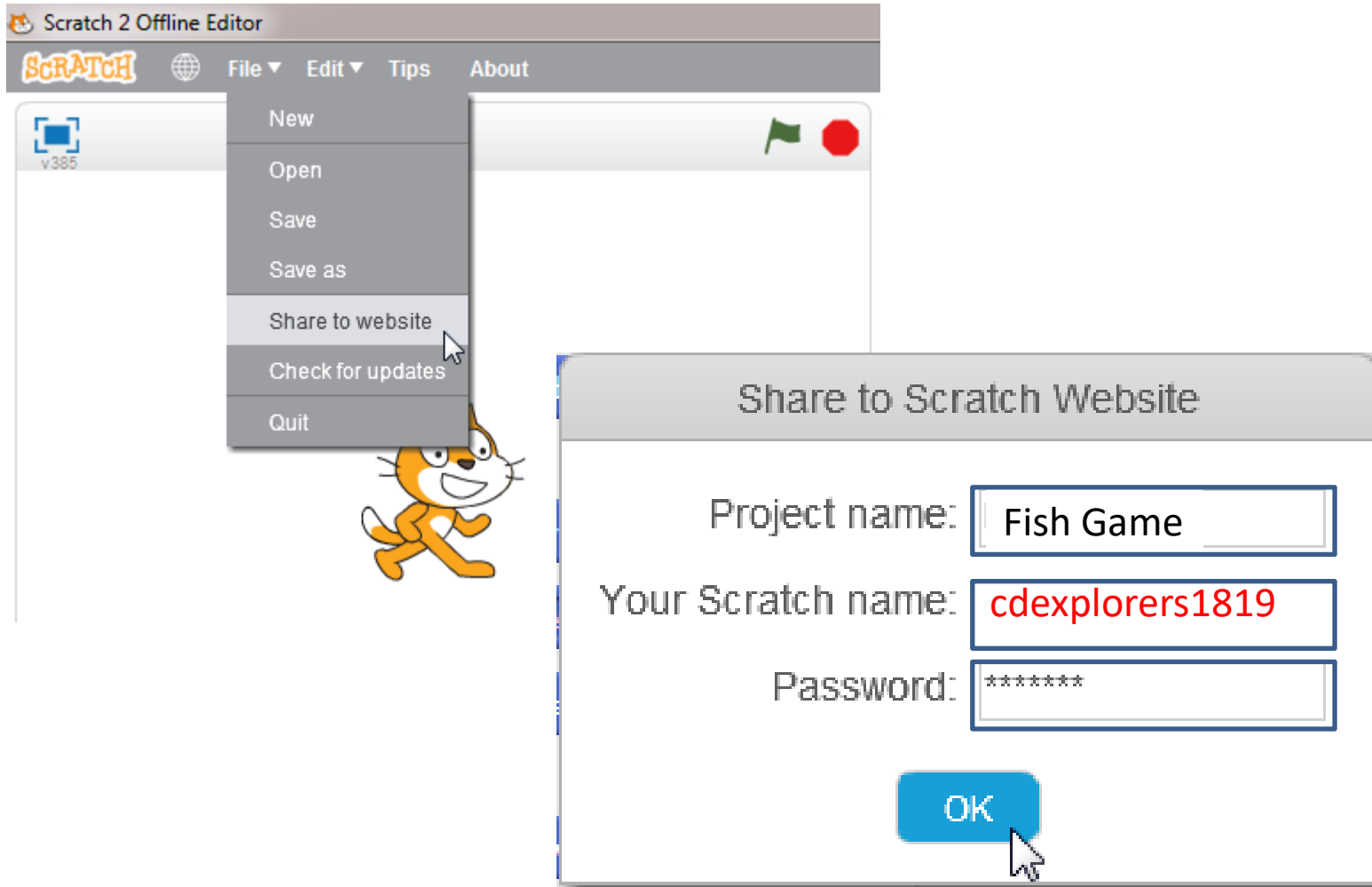Upload your project to the Scratch Website

Access it from home ✓

Improve it ✓

Show your friends! ✓

Uploading to Scratch Website

Keep In Touch!

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