

CoderDojo Athenry



Code and notes by Martha Fahy, 2018

CoderDojo Athenry



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



Weekly Reminders



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



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 Assembly **Point 2**

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

Weekly Reminders

Loaner Laptops:

- Available for anyone that needs one, ask a Mentor

Tea/Coffee:

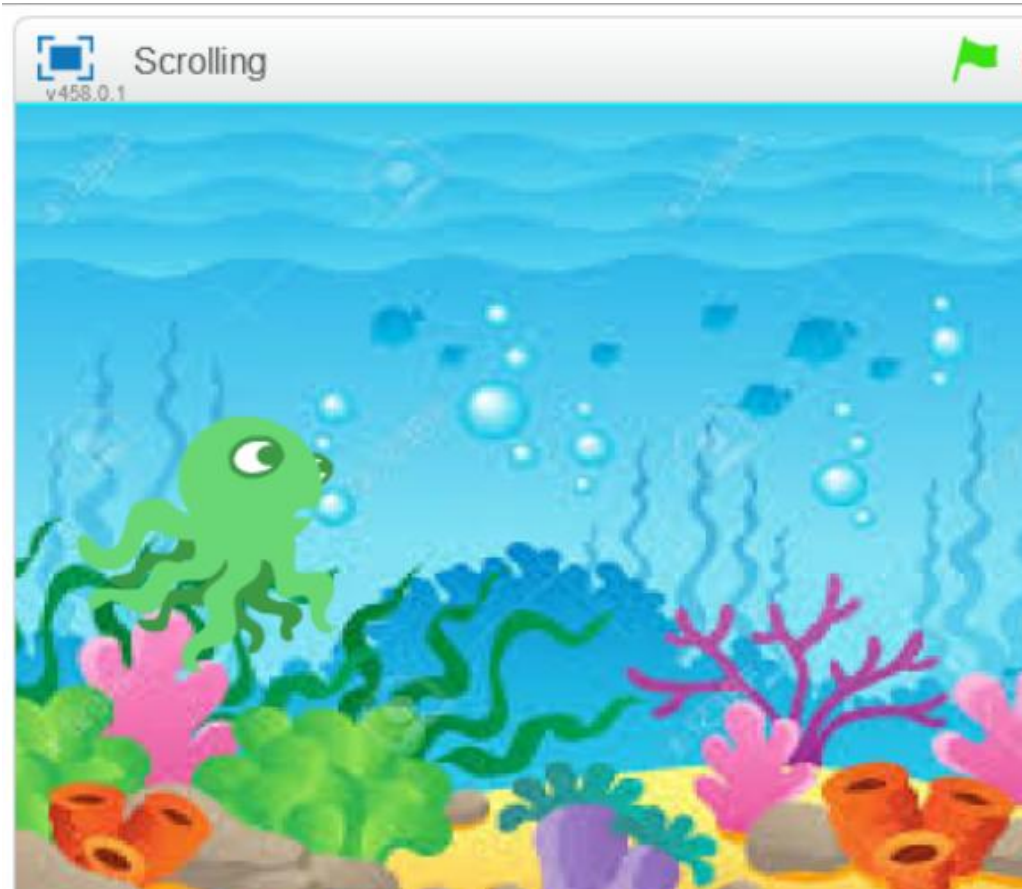
- Available down the corridor on the left.
€2/€1.50

Tables and Chairs:

- Please help put back chairs and tables in the class rooms, ask Mentors for guidance

Today's Challenge:

Scrolling Backgrounds

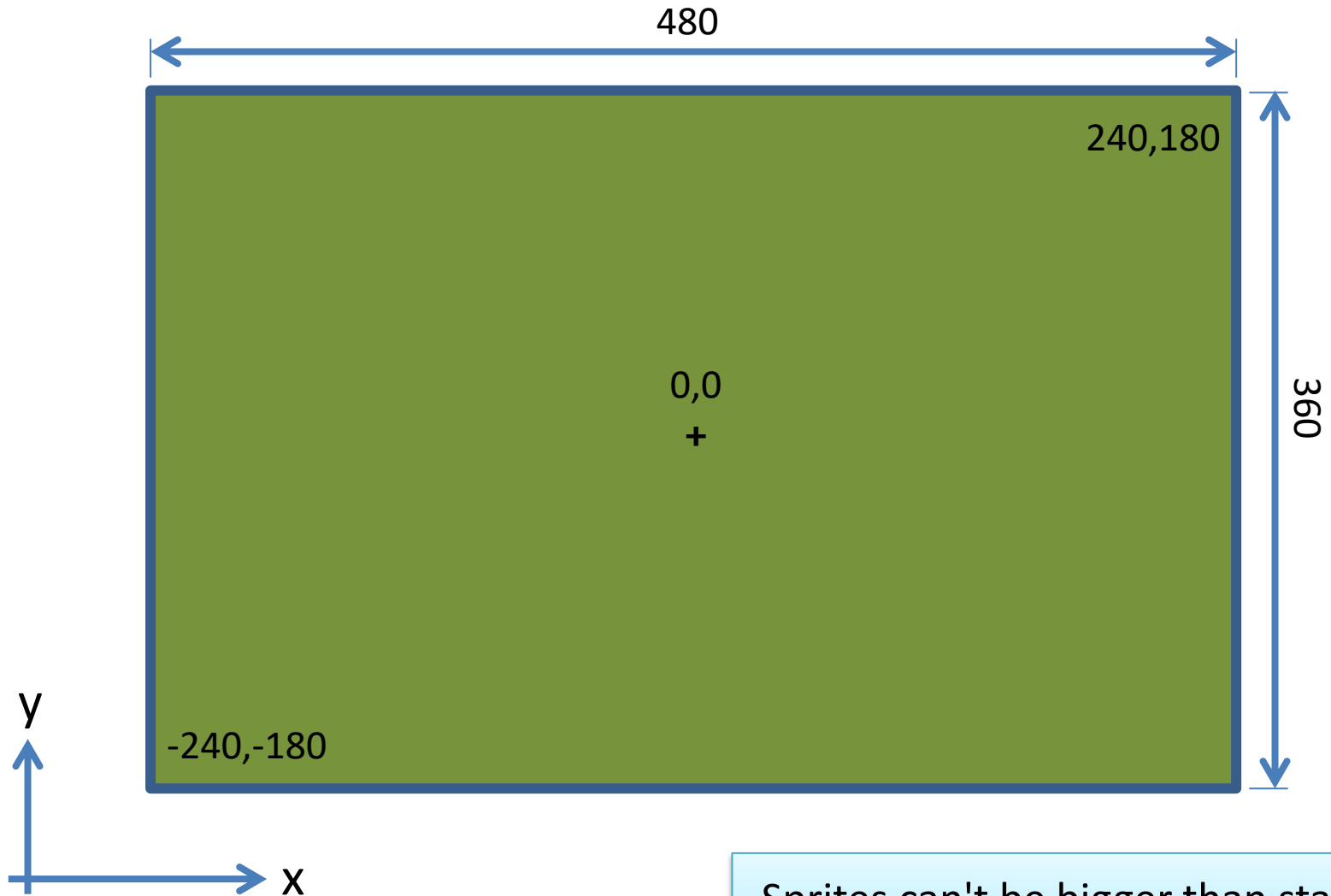


Stage can't move: need to use sprites for moving background

Lets get our Sprites



The Scratch Stage



Sprites can't be bigger than stage:
max length is 480 also

How to do it, Part 1 ...

Reducing **XPos** makes the ground move to the **left**, to give impression that Mario is moving **right**.

when  clicked

set XPos to 0

when right arrow key pressed

point in direction 90

change XPos by -5

when left arrow key pressed

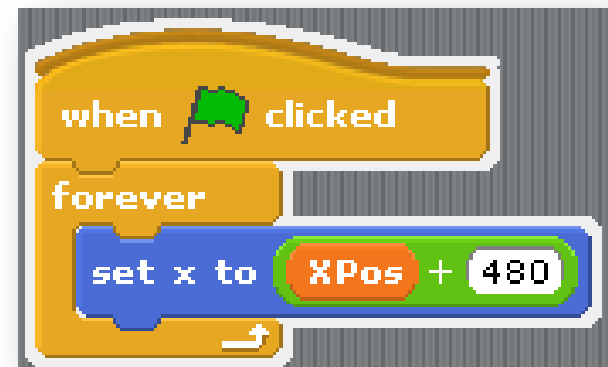
point in direction -90

change XPos by 5

How to do it, Part 2 ...

Make a variable **XPos**: x-position of the first ground sprite.

The second ground sprite will be at x-position **XPos + 480**.



At the End ...

Upload your project to the Scratch Website

Access it
from home



Improve it



Show your
friends!



Uploading to Scratch Website

