

CoderDojo Athenry



Code and Notes by Martha Fahy, 2019

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



The new Scratch
is here!

Start Creating

scratch.mit.edu/download



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





- 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

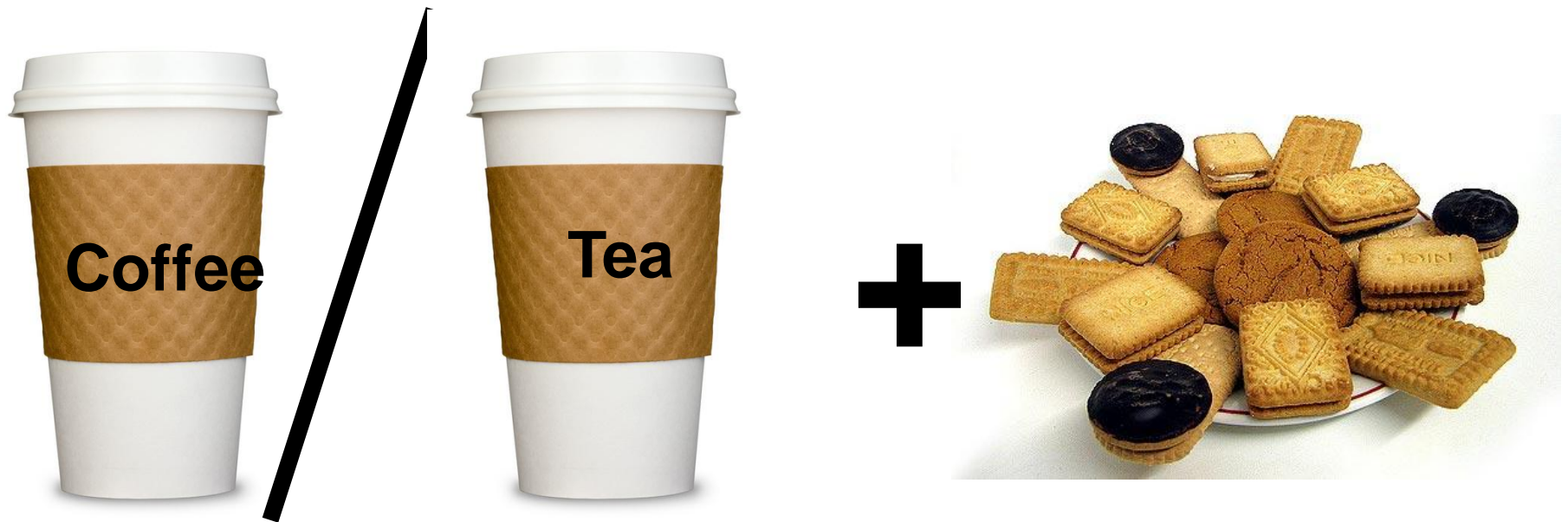




- If **FIRST AID** is required please alert a Mentor

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

€2



Help us cut down on Single Use Cups



Bring your own cup (must have lid)

€1.50

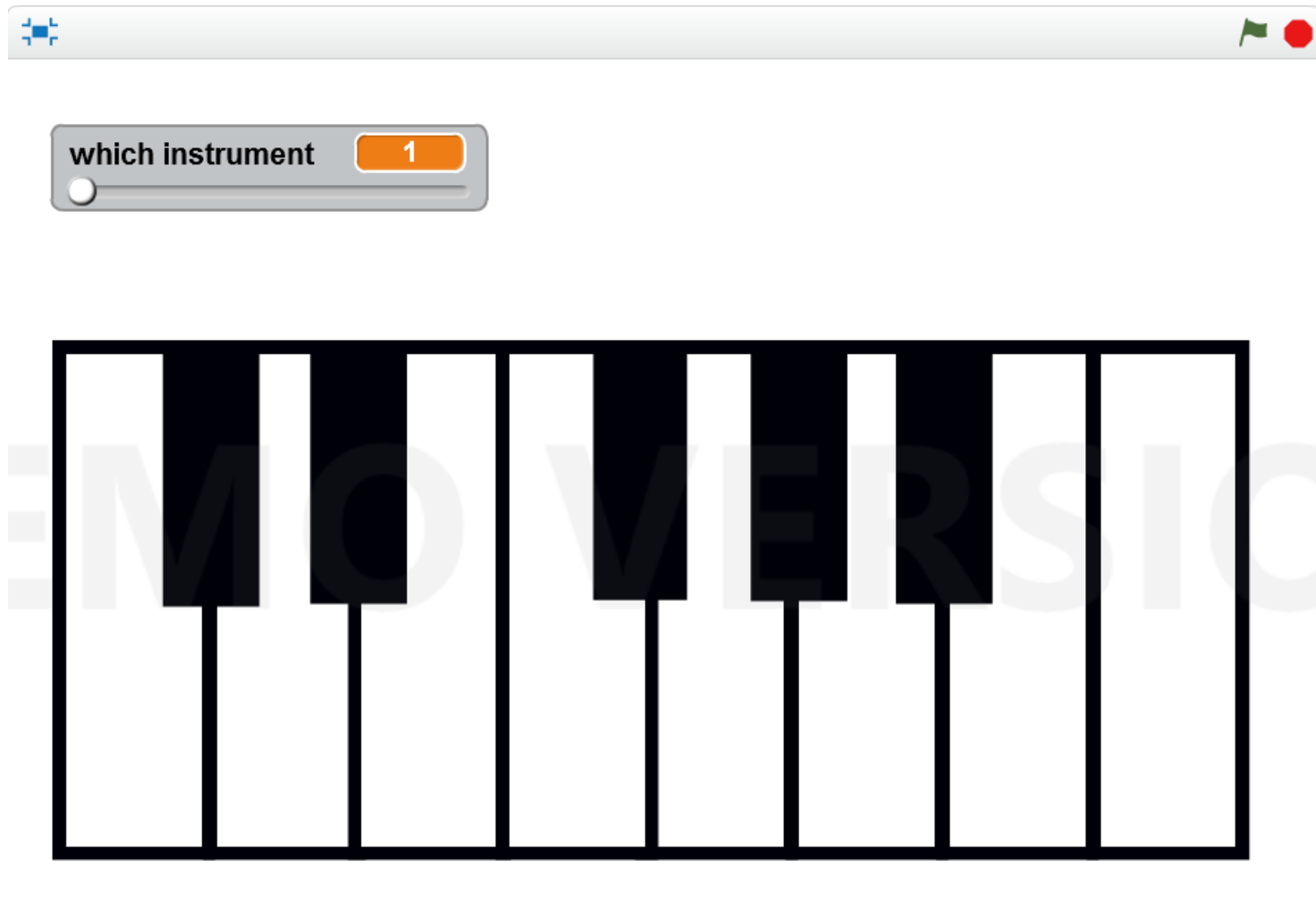


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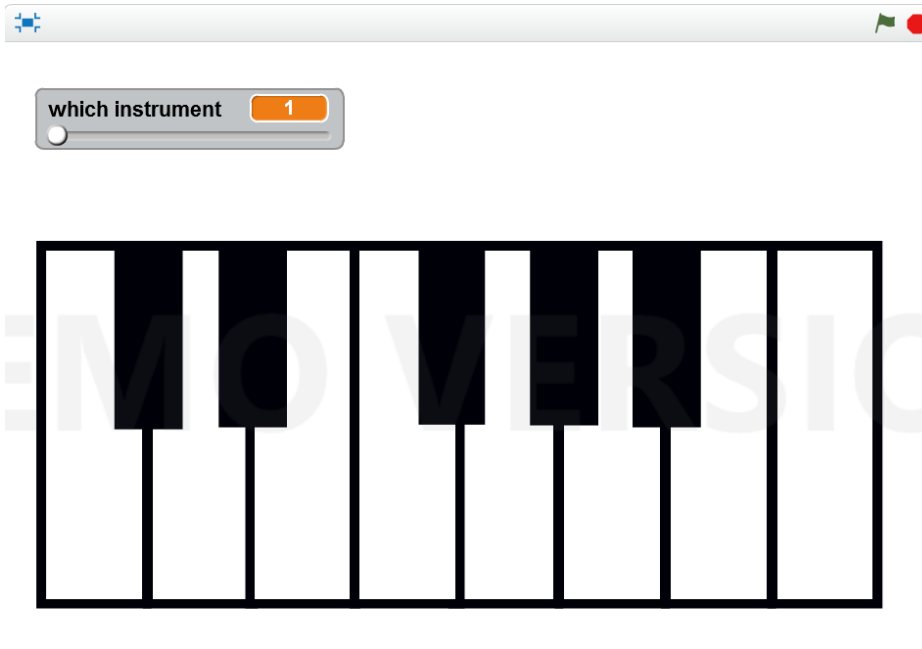
Today's Challenge:

Making a Piano



Lets get started

Draw each key as a *Sprite*



Create a second
costume for each
one



Note C



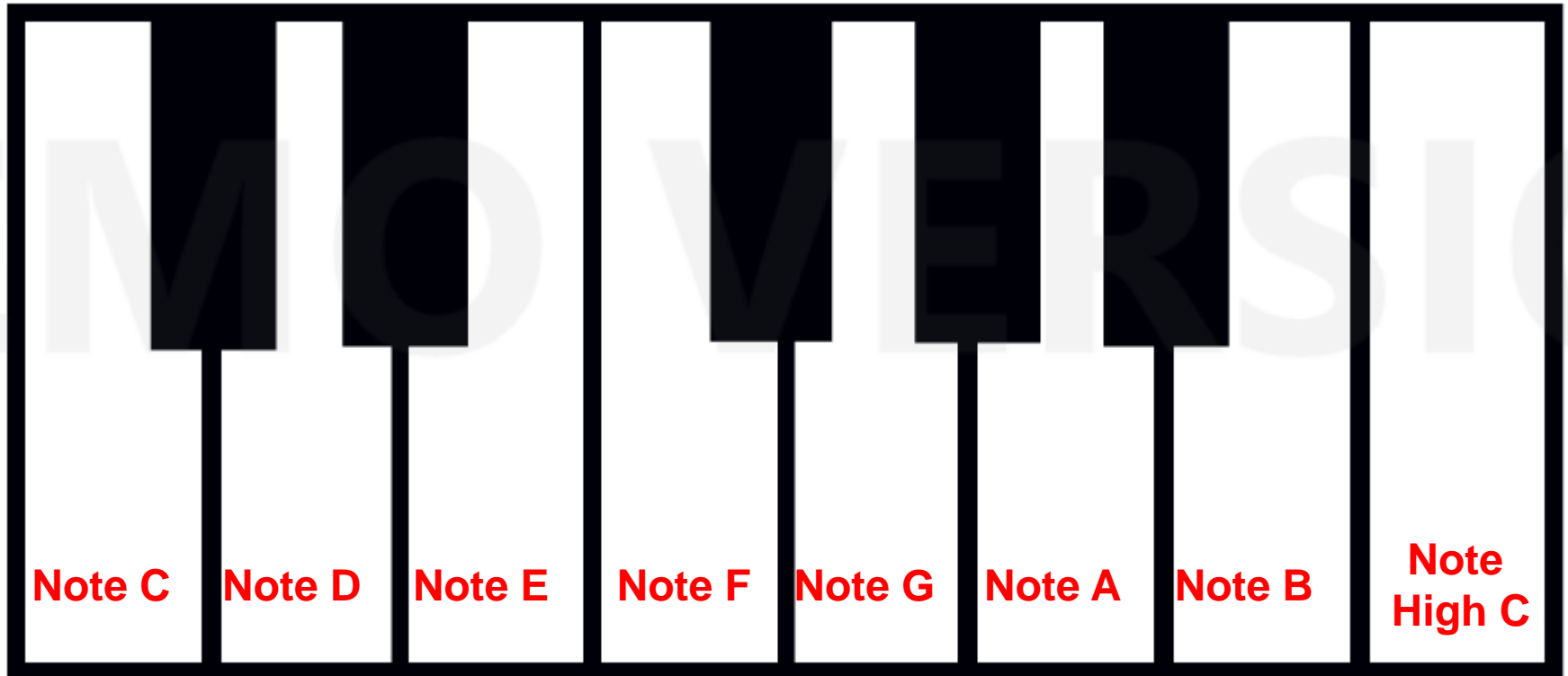
Note C#

Lets get started

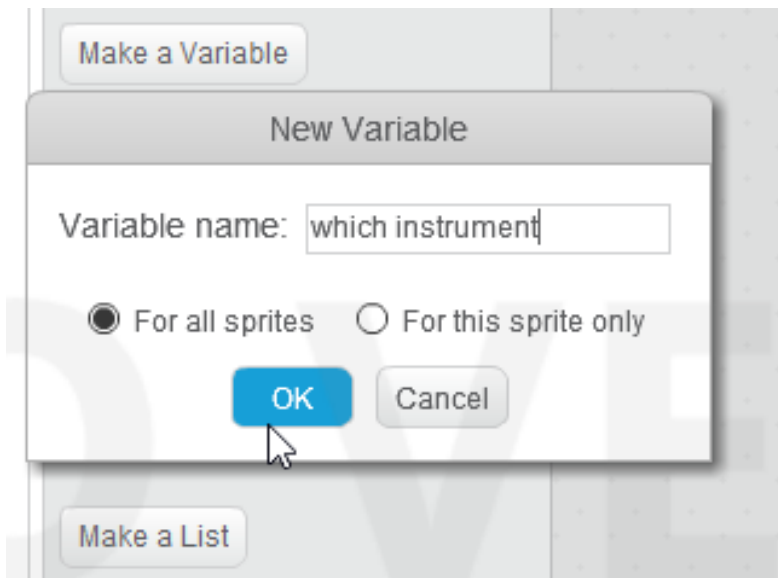
Draw each key as a *Sprite*

Note C# Note D#

Note F# Note G# Note A#



We need to create a variable called *Which Instrument*



set instrument to

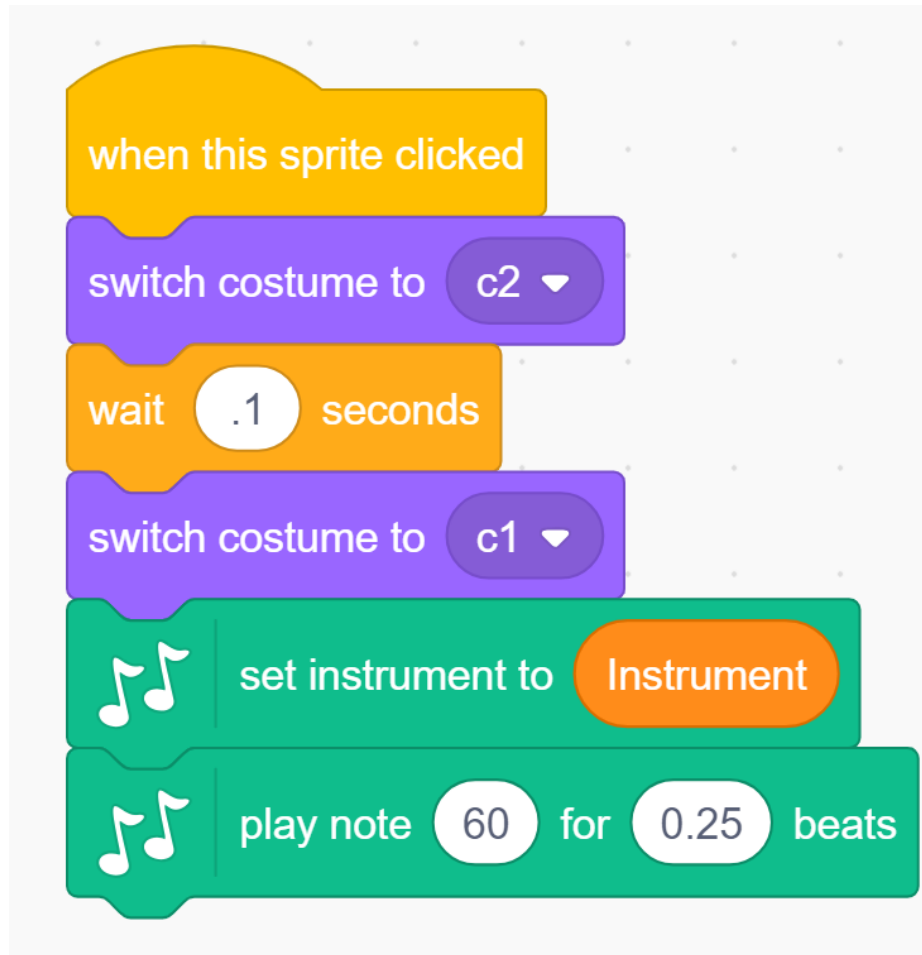
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- (1) Piano
- (2) Electric Piano
- (3) Organ
- (4) Guitar
- (5) Electric Guitar
- (6) Bass
- (7) Pizzicato
- (8) Cello
- (9) Trombone
- (10) Clarinet
- (11) Saxophone
- (12) Flute
- (13) Wooden Flute
- (14) Bassoon
- (15) Choir
- (16) Vibraphone
- (17) Music Box
- (18) Steel Drum
- (19) Marimba
- (20) Synth Lead
- (21) Synth Pad

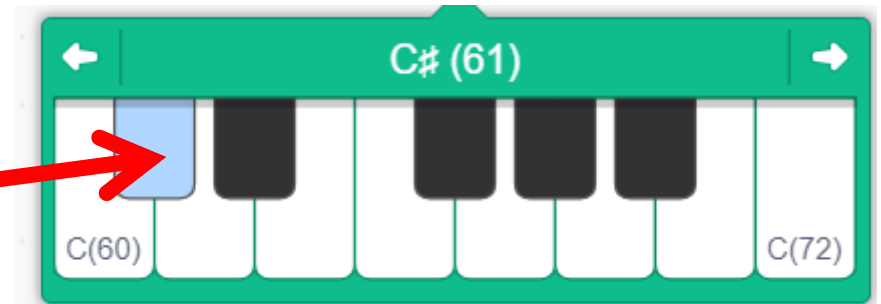
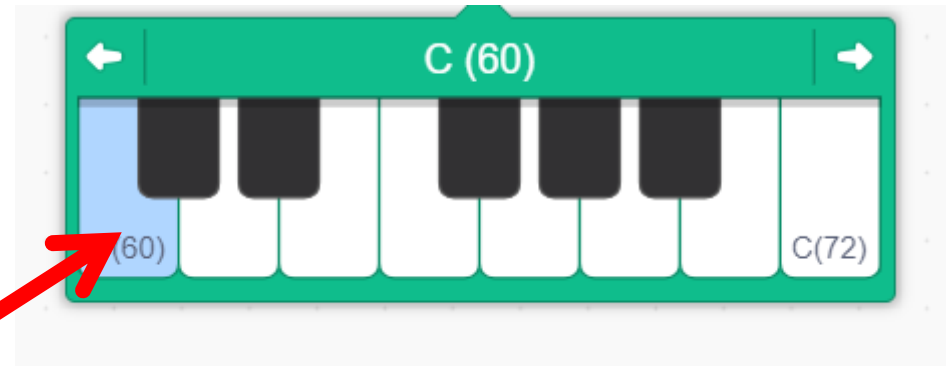
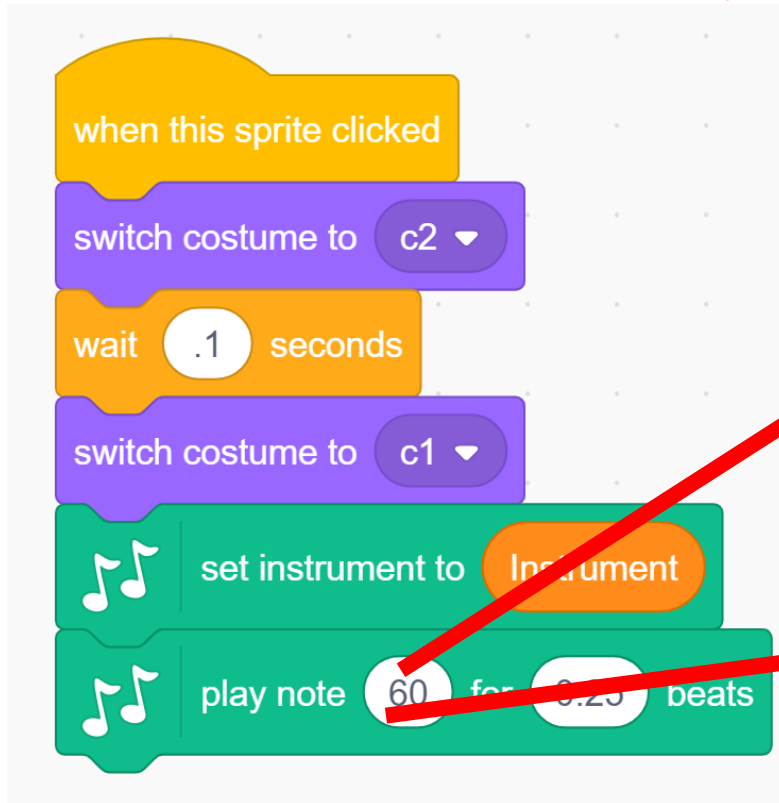
Each number
corresponds to
a different
Instrument



Now for the *Code*



Only one difference for each *Note*



Uploading to Scratch Website

