



## CODING 4 MICHIGAN ACTIVITY GUIDE

Date: Monday, Dec 6, 2021

Duration: 60 Minutes

Website: [www.Bitsbox.com](http://www.Bitsbox.com)

### Quick Instructions:

- Go to [www.Bitsbox.com](http://www.Bitsbox.com) and click:
  - Kids Login
  - Get Started
  - Let's Go
  - New App
  - No (You don't have Bitsbox card)
  - Invent Your Own App
  - You should have a blank tablet
- Log in to your scheduled ZOOM event: 8:30AM, 9:30AM, or 12:45PM
- Type all lines of CODE like below
- CUSTOMIZE your app by typing in your Full Name in place of "New App"
- IMPORTANT - SUBMIT your app link in the chat box when instructed

**Computer Science matters in all professions.**  
**Do 30 Minute of Coding and you might like it.**  
**No coding experience needed.**

**Zoom Webinars - check your registered time:**  
8:30 AM - [www.tinyurl.com/MACSOSEF21A](http://www.tinyurl.com/MACSOSEF21A)  
9:30 AM - [www.tinyurl.com/MACSOSEF21B](http://www.tinyurl.com/MACSOSEF21B)  
12:45 PM - [www.tinyurl.com/MACSOSEF21C](http://www.tinyurl.com/MACSOSEF21C)

**Supported by:**  
**Dr. Wanda Cook-Robinson**  
**Superintendent of Oakland Schools**



### The Code:



**MI Accelerate CS**  
By Oakland Schools Education Foundation



```

1 i = 0
2 button = stamp('snow',400,570,300)
3 titlescreen()
4 function titlescreen(){
5   reset()
6   fill('snowynight')
7   song('love')
8   text('HOUR OF CODE',100,130,70,'white','arial')
9   text('Introducing JavaScript',100,200,60,'yellow')
10  text('Powered by Oakland Schools Education Foundation',300,1010,20,'black','arial')
11  button = stamp('snow',400,570,300)
12  button.tap = splash
13  click = text('Click on me',250,780,50,'black')
14  }
15
16 function tap() {
17   click.hide()
18   sound('splash')
19   delay(titlescreen,1000)
20 }
21
22 function loop()
23 {
24   i = i+.1
25   button.size(Math.abs(Math.sin(i)*100+200))
26   button.rotate(1,RIGHT)
27 }

```