

# Lil Miss Coder Coding Competition



Student Leaders: Tanvi Naik & Cameryn Reeves  
March 6, 2021

# Agenda

- Welcome
- Introduce Coding Competition
- February Challenge Review
- Awards



# What you Need to Know for the Competition

- **You will need a Mac or PC to participate in the competition.**
- Use skills learned in past projects
  - Link for past activities: <http://www.lilmisscoder.com/events.html>
- If you have not already...
  - Make an account for Scratch
    - <https://scratch.mit.edu/>
  - Make an account for HTML
    - <https://codepen.io/>
  - Download Python
    - <http://www.python.org/downloads/>
    - Download Python 3.9.1
- If you need help, use the “Chat” function on Zoom!



# Ready to Get Coding

- The competition will allow you to demonstrate all your coding skills!
- Today, you'll be trying to win the competition by completing three, separate levels.
  - Level 1: Scratch
  - Level 2: HTML
  - Level 3: Python
- You will complete objectives in challenges for points.
  - The person with the most points after the third level wins.
- You will have 15 minutes for each level.
- The more you do, the more you earn!



# Competition Format

01

...

SCRATCH

**Point Value: 25**

02

...

HTML

**Point Value: 25**

03

...

PYTHON

**Point Value: 30**

# Level 1: Scratch

- You'll be creating a leprechaun game on <https://scratch.mit.edu/>
- Check [Lil Miss Coder](#) November and December activities to help you with this challenge!



## Rules & Points

- Upload an image of a leprechaun (+5)
- Upload an image of a pot of gold (+5)
- Have the leprechaun move in all 4 directions (left, right, up, and down) using arrow keys (+3 per direction; 12 total points)
- Change backdrop (+3)

## Additional

- Have the leprechaun move in a different way (+5)

# Level 2: HTML



- You'll be creating an HTML webpage on <https://codepen.io/>
- Check the [Lil Miss Coder](#) January activity to help you with this challenge!

## Rules & Points

- All HTML tags must have a closing tag (+5)
- Must have your name and grade (+5)
- at least one picture (+5)
- Your victory song (+5)
- Background Color Change (+5)

## Additional

- Additional pictures ( +5)
- Additional Videos (+5)
- Font Color Change (+5)
- Add Captions to your photos (+5)



# Level 3: Python

- You'll be debugging on a provided Python template!
- Check [Lil Miss Coder](#) January activity to help you with this challenge!



## Rules & Points

- Find and fix all 4 mistakes (debug!) (+5 per correction; 20 total points)
- Add two “if answer//else” set (+10)

## Additional

- Add an image (+20)





Thank you for  
participating in the  
Lil Miss Coder  
competition!!

# Demo Last Month: Grab a Byte

Challengers, please present your activity from last month.

Last month, we used Python to make a questionnaire!





**CONGRATULATIONS!!!!**