Explore additional resources to build your coding skillset
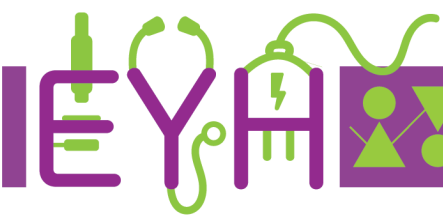
Interactive online programming games:

- Blocky games:
    - Check out the "music" module. If you get stuck, look at the end of this doc for one solution to levels 1-3
- Scratch:
    - You can make your own stories, animations or games!
- App inventor:
    - Learn how to build your own app
- Crunchzilla:
    - Fun, quick, coding skill building
- Gameblocks:
    - Make your own game!
- Code.org:
    - A resource designed specifically for kids (elementary, middle, and high school) to learn programming
    - Check out the "create" tab for some fun interactive coding apps

General programming skills:

- CodeAcademy: a great general-purpose resource for anyone looking to learn more about programming at any level
    - Informational videos:
        - What is a programming language?
        - What I wish I knew when I first started programming
        - What to do when you're stuck
        - How to think like a programmer
    - Online courses:
        - Python: https://www.codecademy.com/learn/learn-python-3

- Khan Academy
  - Courses/videos:
    - [Intro to drawing & animation](#)
    - [Intro to web design: build your own website!](#)
  - [Learn more about careers that involve programming](#)

More advanced:
- [Code wars](#)
  - Compete against other coders to sharpen your skills
- [Stack overflow](#)
  - For specific problems that come up when writing code. If you google an error message that comes up when writing your code, you'll often be directed to stack overflow. Community members like you and me can use stack overflow to write and answer questions related to programming.

Potential solution to blocky "music"

Level 1	Level 2	Level 3
when ▶ clicked play ♩ note C4 play ♩ note D4 play ♩ note E4 play ♩ note C4	to play melody play ♩ note C4 play ♩ note D4 play ♩ note E4 play ♩ note C4 when ▶ clicked play melody play melody	to play melody play ♩ note C4 play ♩ note D4 play ♩ note E4 play ♩ note C4 to melody2 play ♩ note E4 play ♩ note F4 play ♩ note G4 when ▶ clicked play melody play melody melody2 melody2