

**Standards:** 9-12.CT.4 Implement a program using a combination of student-defined and third-party functions to organize the computation.

**Goals:**

1. Manipulate built in functions to create a dynamic HTML page
2. Build user defined functions and implement a script that manipulates HTML elements
3. Enhance HTML with JavaScript
4. Use console.log() as a troubleshooting tool

Part 1

- Make a simple HTML template that you can use to start all of your projects.
- Visualize the general structure of an HTML document when coding.
- Write basic scripts using JS
- Use console.log() as a testing tool

Part II

- Define basic functions with no parameters and call these functions
- Practice events: Make things happen when you want them to happen.
- Use variables and functions to control the information flow in a program
- Experiment with how JavaScript communicates with HTML

**Work Time**

- Follow the guided demo practice by the teacher
- Complete the tutorial below from JS introduction to Js Strings
- Take notes of each subchapter as comments in your files

**Tools:** use any editor of your choice that supports the environment

Link to JS Tutorial:

[https://www.w3schools.com/js/js\\_intro.asp](https://www.w3schools.com/js/js_intro.asp)

**Reflection:**

Reflect on what went well and what didn't work as intended.