Computer Programming
Mr. Connor

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Welcome to Computer Programming. I am excited to explore coding with you. I hope that you will enjoy problem solving and learning a computer language as much as I do. To allow you the best opportunity to express your learning I will have you sitting in groups and working with your peers as much as possible.

Please use your peers as a support network. No one (almost) can be successful at programming all alone. We need each other. You can always come see me if you need help. Don't suffer alone.

If you use class time effectively you should not have to worry about bringing work home. The assigned work will always be posted to my website (math1337.weebly.com). Please check there if you miss a day.

Core Competencies: *We will always be looking to teach skills that will help all aspects of life. We will try to accomplish this in every class, every day.*

➔ Develop your communication skills
➔ Develop your critical and creative thinking skills
➔ Develop your personal and social identity

Strategies:

Group work	Peer tutoring / sharing
Vertical Surfaces	Class sharing
Projects	Lecture

Learning Standards:

Types of Variables and Appropriate Code Formatting	Manipulating Variables and Loops
Methods of Code Evaluation	Team Programming
Algorithm Development	Graphical User Interface

Assessment:

The majority of your mark will be from projects and hands on coding. You will also be marked on periodic tests, regular assignments, and quizzes.

You will be showing that you understand the concepts before the tests by participating in the many vertical surface activities that will allow you to show not only myself, but your classmates that you have mastered the relevant skill.

Discussing programming and the concepts behind the code will be a key component of your learning.