

P.S. 035 Manhattan High School Course Syllabus

Course Code: TYS96QQM

Course Name: Intro to Computer Science Term 1

Teacher Name: Morell

Year and Term: 2022-2023 Term 1

Course Description:

Welcome to Computer Science for the Fall of 2022. **All students must be able to access Google Classroom through their @nycstudents.net account to be successful in this course.**

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems.

This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles and AP Computer Science A courses.

Prerequisites

No prior computer science knowledge or experience is necessary for this course.

Unit Overview

Term 1

Unit 1: Beginning in Computer Science

Unit 2: Number Calculations and Data

Unit 3: Making Decisions

Unit 4: Repetition and Loops

Unit 5: Programming in EarSketch

Course Materials:

Google Classroom

@nycstudents.net email account – please check the messages often!

Device to access remote learning – any Tablet, iPad, smartphone, or laptop that can

access Google Classroom

Download the apps Google Classroom, Google Meet, and Google Docs to your device for easy access.

ProjectSTEM account to access course materials or p5.js editor

Grading Policy:

The class is graded based on completion of the modules through your Google/ProjectSTEM account. The curriculum consists of student work, quizzes, practice, and lesson completion.

All assignments must be in your own words. If you find information on the Internet, use appropriate references to show where you found the information. We want to hear your voice, your opinion, and your words. Any information that is copy and pasted will need to be reworked and resubmitted.

Other Expectations:

Be respectful to others in person and on Google Classroom. We do this by listening when others are speaking, understanding their perspective, and respecting each person's physical space. Any act of cyberbullying or harassment of other students during in person or remote learning will not be tolerated. Any acts or accusations are taken seriously and will be investigated and dealt with. Please be respectful of others.

All students are responsible for their weekly assignments and checking their email. Please see me for missing assignments or if you have trouble accessing the work.

I can be reached through email at **cmorell@schools.nyc.gov**