

Mary Lyon School
Syllabus for Computer Science Discoveries
<http://code.org>
Grades 6 - 8

Teacher: **Brown-Greene** cbrown@bostonpublicschools.org



In Computer Discoveries, students will learn the fundamentals of computer science, how computers work, and how daily life is affected by computer technology. Using an application that makes coding easy and fun for beginners, student will learn basic block programming. Working in small groups, students will apply the concepts learned in class students will create and present projects.

- 6th Grade course overview: Class meets once a week and covers the problem-solving process as relating to computer science, introductory web development (CSS and HTML) using Web Lab, and basic animations using JavaScript in Game Lab.
- 7th & 8th Grade course overview: Class meets three times a week and covers the problem-solving process as relating to computer science, introductory web development (CSS and HTML) using Web Lab, and basic animations and game design using JavaScript in Game Lab.

Grading

Course journal/participation 40%

Lesson classwork 30%

Lesson quizzes 10%

Projects 20%

Google Classroom: I will send out assignments and project information via Google classroom.

Participation: Group work, pair programming, and class discussion are essential to this class. You are expected to be prepared, participate in group discussions, work together on activities, answer questions posed by the teacher, complete activity guides and reflections, and follow general directions. We cover a great deal of material and your job is to stay on-task and have fun learning!

Classwork: Almost all of our activities will be completed in class. However, you may work on projects at home. It is VERY important that you come ready to learn each class. Each lesson builds on the next, and almost all work is done in class time.

Absences: If you are absent, it is **YOUR** responsibility to find out what you have missed (message a friend, contact me, or look on Google Classroom) and complete as much as possible online from home. I will have a “What did I miss” file with any papers that need to be completed.

For students: I have read this course syllabus and understand the expectations for this class. I understand the policies regarding missed lessons and making up work. I understand how to contact my teacher for help and information. I will keep this syllabus in my course folder.

Student Name:

Signature and Date:

For parents/guardian: I have read this course syllabus and understand what is expected of my child in this class. I understand the policies regarding missed lessons and making up work. I understand how to contact the instructor if I need to reach out.

Parent/Caregiver Name:

Signature and Date:

