

Green Brook Middle School

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| Introduction to Programming I Ms. Anne Vicendese |
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Course Description:

Students will explore the fundamentals of *Swift*, the programming language used to create apps for Apple products. This is a student-directed and project based course.

Course Duration:

Grade 6 - Class meets every fourth day for a total of 45 days/Full Year

Grades 7 & 8 - Class meets every other day for a total of 45 days/One Semester

Course Expectations:

Students will:

- learn about computer science terms and principals
- use a dynamic 3D puzzle world to develop simple, powerful algorithms that use Swift code to solve a range of different puzzles
- learn about simple commands, functions, and loops
- add conditional code that responds to changes in the environment
- recognize and avoid common programming errors

Absences and Tardies

Students are responsible for any missed work. Students will have the same number of days to make up missed work as days absent/missed.

Classroom Expectations:

Be respectful of the adults in the room, and your fellow students and their property, actual and virtual.

Be on time. If you are late, please have a pass.

Keep the room neat and tidy.

Do not use vulgar or offensive language.

Begin the “Do Now” immediately when entering the classroom.

Listen to instructions the first time they’re given.

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Classroom disruptions will not be tolerated.

Classroom Rules

Try your best! Programming can be challenging and requires a lot of patience.

Always sit in assigned seat

No talking when I'm talking

No online desktop images

Only authorized game-playing allowed

Progressive Consequences:

1. Verbal warning - name and infraction is entered into teacher's "Discipline Log".
2. Contact parent/guardian
3. After school or lunch detention
4. Principal notified via official school Discipline Report

Contact Information:

Email: avicendese@gbtps.org

Phone: 732-968-1051 ext. 5037

Grading Plan

Final grade will be based on the following:

40% Do Now Activities/Design Journal Entries

30% Quizzes and Tests

30% Coding projects and activities