

Robotics

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Course Description: In Robotics students will learn how to program the Dash and Dot robots in two languages. Students will program their robots to complete tasks and challenges. There will be group projects in which students and their robots work together.

Expectations/Rules:

1. Respect others and ourselves
2. Follow directions
3. Respect technological equipment
4. Be prepared and on time
5. Participate and give your best effort

Consequences:

We will follow the discipline procedures set forth by the GMS.

Classroom Materials: None

Homework and Late Assignment Policy

It is the student's responsibility to obtain assignments upon returning to class immediately following an absence.

Test corrections: Students must complete and submit test corrections within 5 days of original testing date.

Late Assignment policy: Students have the opportunity to submit late assignments. However, all assignments must be submitted no more than 3 days after the original assignment due date. There will be a 10% deduction for each day late (for example, an assignment worth 100 points that is submitted 2 days late can earn no higher than 80 points).

Attendance Regulations

After an absence, immediately upon return to school but no later than two (2) school days following an absence, the student must provide the school with documentation regarding

absence. Parents/guardians of students are expected to provide an explanation of their child's absence(s) from school whenever such absences occur without the permission of the principal.

*Students will be given the number of days he/she was absent plus 1 day to complete and hand in makeup work for credit. Specific arrangements must be made with the student's teacher.

Tardy Policy

The tardy policy at GMS has been established to minimize interruptions in the educational process in each classroom. When a student arrives late to school, the parent and student must report directly to the front office secretary and sign in on the tardy roster.

*Students will be allowed 4 tardies in each class without disciplinary penalty each 9 weeks. On the 5th tardy, the parents will be contacted and the student will receive a lunch detention.

Robotics Tentative Syllabus

Term 1:

- Introduction to Coding
- Programming Dash with Blockly
- Programming Dash with Wonder
- Programming Dot with Blockly
- Programming Dot with Wonder
- Individual Challenges and Tasks

Term 2:

- Individual Challenges and Tasks
- Group Challenges and Tasks