ROBOTICS SYLLABUS
FALL 2021

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Room 2219
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Welcome to Robotics! I look forward to working with each of you this semester as you learn about robotics, building sturdy structures, and and writing simple computer programs. We will focus especially on problem solving skills in order to achieve this.

Class expectations:
- Arrive on time, in dress code, and with a positive attitude.
- Come prepared to work every day.

Course objectives:
In this course, we will design, build, and program robots to accomplish various tasks. We will also learn important concepts of computer programming.

Course description:
Robotics will introduce the students to a different area of computers. In this course, students will design and program robots to carry out different functions. Students will use VEX equipment which utilizes a modified C language to program.

Assignment policy:
- Students will work in groups of 2 or 3 to complete assignments in-class.
- There will be no homework, unless unforeseen circumstances arise.
- Assignments will be graded based upon a rubric, provided in advance.
- For the final assignment, you will be able to design a robot of your choosing.
- A participation grade will be given based upon the student's ability to start work immediately at the beginning of the class, stay on task throughout the period, and work diligently until class is over.

Quizzes:
- Quizzes will be given periodically, announced at least a day in advance.
- Quizzes will primarily cover the basics of programming.

Academic Integrity:
Students are expected to do their own work. It is considered cheating to copy someone else's work. Academic dishonesty will not be tolerated.