



Robotics Course Syllabus



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Course Description



Seventh & Eighth Grade Robotics emphasizes the standards of the Arizona Technological Standards.

By the end of the semester, you will be able to utilize the performance objectives to build and manipulate a robot for competition.



Course Structure / Approach



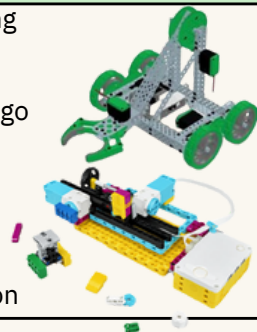
This class will utilize various methods of instructions, i.e. lectures, note taking, class discussions, individual work, group work. Groups will have robotics kit to build and operate to complete assigned tasks.



Units of Study



- Unit 1 Intro to Engineering
- Unit 2 Intro to Robotics
- Robot Build - Clawbot/Lego
- Unit 3 Intro to VEXnet
- Robot Performance Test
- Unit 5 THE GAME!
- Unit 6 Object Manipulation



Class Materials



- Single subject Notebook/Composition Book
- GMAIL account





POWERSCHOOL

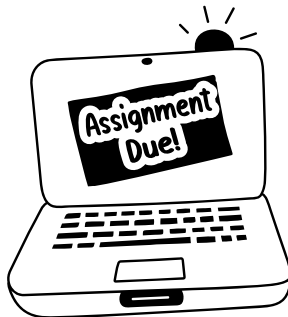
Grades are updated weekly in Power School. Students, parents/guardians may check grades in PowerSchool. Parent-Teacher Conferences may be scheduled at any time during the school year.

LATE WORK/ABSENCES

Assignments must be submitted on time to receive full credit. Late work will be accepted with points deducted.

Athletes on travel during instructional days will have an extension to complete any missing assignments.

Students with excused absences will have an extension to complete any missing assignments.



EXPECTATIONS

- 1 Follow TMS ROCKS & TMS Student Handbook
- 2 GUM - not allowed in the classroom
- 3 Phones placed in school bag
- 4 Ask for assistance

ASSIGNMENTS

- ☐ Objectives/DO NOW!
- ☐ Robotics Journal
- ☐ Unit Assessments
- ☐ Frayer Models
- ☐ RACES Writing
- ☐ Robot Driving / Coding Test

Assignments are on Ms. Calamity's Robotics Webpage