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Physics

Course Description-The Physics course is a full year course designed at the algebra-based level. The coursework has been designed to be based on inquiry level instructional strategies that focus on experiments that develop students' understanding of physics principles. This course is designed to be rigorous and the laboratory work is a fundamental part of science. We will do as many labs and hands on experiences as safety guidelines will allow.

Late Work Policy

- 1 day late no points taken off
- 2 days late 20 points taken off
- 3 days late 25 points taken off
- 4 days late 30 points taken off
- After 4 days the max grade for the assignments is a 50

Make-Up Work

- Work is due 3 days from when the student returns
- On the 4th day after student return the Late Work Policy above will apply

Tutorials

- Monday, Tuesday, Wednesday 3-3:30 pm

Required Supplies for Personal Use

- Pens or Pencils
- Markers or Colored Pencils
- Tape or Glue
- Scissors
- Ruler
- Hand Sanitizer
- Folder pockets and brads

Classroom Expectations

- Be on time to class
- Be courteous to each other
- Cell phone use is set by teacher
- Masks worn at all times
- Turn work in on time
- Do not talk when I am talking
- Raise your hand to speak
- Be ready to work everyday

Course Outline

Semester 1

Topics:
Measurement
Motion
2D Motion
Forces
Other Forces
Momentum

Semester 2

Topics:
Energy
Heat
Waves and Sound
Light Waves
Electrostatics
Electricity and
Magnetism
Nuclear Energy
and Atomic Light