

## Physics Syllabus

**Teacher:** Krystle Holland

**Planning:** 5th Period/ 11:20a-12:40p

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**Remind:** @9hd9c92

**Tutoring:** Wednesdays 2:35p-3:30p

## Course Description

The physics course helps students recognize the nature and scope of physics and its relationship to the other sciences. Students will learn about basic topics such as motion, forces, energy, momentum, heat and heat transfer, waves, electricity, and magnetism.

## Supplies

- - 3-ring binder
  - Paper
  - Writing Utensil
  - Calculator
  - Coloring Pencils
  - Computer Access
  - Internet Access
  - CamScanner (app for phone)

## Grading

Grades are accessible on the school website through Infinite Campus (IC). Grades will be based on cumulative points earned and each test, lab, assignment, etc. will have appropriate point values assigned. Because students are expected to master the content, **grade recovery** will be ongoing throughout the school year. **Academic dishonesty will result in the student receiving NO CREDIT for that graded item and there is no option to recover the associated points. Make-Up work will be available upon a student's return to class after an absence and must be completed and returned within 5 school days.**

## Exams

At the end of each unit, an exam will be given with questions ranging in type. The exam will be timed according to the bell schedule. Students are to complete each exam independently. A final exam will be given at the end of the year.

## Expectations

In this course, you are expected to work. Each student is held to the same expectations and will be pushed to achieve. Each student will be expected to follow the rules set in the digital classroom. Students will also be expected to participate in each class period, including labs, projects, and discussions. Students will be expected to keep any personal electronics out of sight. Students will also be expected to explain material orally and in writing. Students are expected to complete all work by the designated due date. A high level of honesty will also be expected. **Students are expected to attend all live sessions. Students are expected to log into Canvas daily during the scheduled class time to be counted present!**

## Live Session Schedule

**Live sessions for this course will begin the week of September 14-18.**

<b><u>Bell Schedule</u></b>	<b><u>Period</u></b>	<b><u>Online Synchronous Meeting Time</u></b>	<b><u>Online Asynchronous Work Schedule</u></b>
7:30-8:25	1st Period	Monday	T, W, R, F
8:30-9:20	2nd Period	Monday	T, W, R, F
9:25-10:15	3rd Period	Tuesday	M, W, R, F
10:20-11:10	4th Period	Tuesday	M, W, R, F
11:15-12:45	5th Period	Wednesday	M, T, R, F
12:45-1:35	6th Period	Wednesday	M, T, R, F
1:40-2:30	7th Period	Thursday	M, T, W, F

## **Topic Outline for the Year**

**Unit 0:** Think Like a Scientist

**Unit 1:** Kinematics

**Unit 2:** Forces

**Unit 3:** Gravitation and Circular Motion


**Unit 4:** Momentum

**Unit 5:** Work-Energy-Theorem

**Unit 6:** Nuclear Energy

**Unit 7:** Electricity & Magnetism

**Unit 8:** Waves

\*For details of each unit, [click here](#) .