



Dear AP Physics 2 Parent or Guardian,

I would like to welcome your son or daughter to AP Physics 2. I am excited about this upcoming year and our journey through AP Physics 2 together.

During the first six weeks of AP Physics 2 we will be covering fluids and thermodynamics. Your student will be expected to express the motion of fluids using mathematical, graphical and written representations. Your student will be expected to design experiments related to the motion of fluids and the transfer of heat. Students will also predict how heat transfer occurs and the methods through which heat transfer can produce work.

This unit will lay the foundation for the entire year in AP Physics 2 and it is essential for your student's success in this course to have a firm foundation in fluids and thermodynamics. You can expect that your student will have homework on a nightly basis. Please encourage your student to attend tutorials so that your student can find success in AP Physics 2. Your student should be reviewing new material every evening and studying well before the eve of the test. Students will be given adequate notice about tests dates.

I have several goals for the students in AP Physics 2: (1) take and pass the AP Physics 2 exam, (2) develop critical thinking skills, (3) design their own lab for a specific physics area and (4) solve real-life problems. I would also encourage your student to take the AP Physics 2 Exam May 13, 2022. We will be building toward this goal during this year and your students should plan on taking this exam.

I would appreciate your help in furthering these goals. Please contact me at any time. You may send an e-mail, phone, or schedule a time for a conference. Please read over the course syllabus with your student as it may answer many questions. I look forward to working with you and your student to make this a great year!

Sincerely,

Eagle Mountain-Saginaw ISD AP Physics 2 Team