AP/IB Physics Disclosure Statement

Greetings and welcome to physics! This class (hopefully) will completely change the way you look at the world—physics is everywhere, and you’re going to learn how to observe, question, take measurements, and draw conclusions about the physical world. This class will investigate Motion and Forces, Work and Energy, Electricity and Magnetism, Sound and Waves, Light and Optics, Thermodynamics, Modern Physics, and Fluid Dynamics.

Required materials
1. There is a fee of $20.00, payable at the front office
2. You will need a notebook or binder for notes. You must bring this with you to class every day, a 1.5 to 2 inch 3-ring binder should suffice.
3. You will need a scientific calculator, which you must also bring to class every day

Office Hours:

The primary time to meet with me will be during my APP time. I will also be available before/after school by appointment. The best way to reach me is by email at trevor.johnson@canyonsdistrict.org, it is also the way to set up an appointment to see me. I will communicate with parents and students through the skyward message center.

Grading Scale:

Tests- 50%
Labs- 30%
Homework- 10%
Quizzes- 10%

Grade Breakdown:
100-80% = A
79-60% = B
59-40% = C
39-20% = D
19-0% = F
Class Expectations:

1. Come to class ready for the day- bring all homework and other materials that you need.
2. Respect your own and your peers’ right to learn and my right to teach.
3. Take notes in class. These notes should include:
   a. the daily learning objectives
   b. any important information- concepts, equations, examples, etc.- learned in class
   c. questions that will help you to review and apply key principles
   d. a summary of main ideas
4. Ask questions! Questions are a key part of any scientific field; learning how to ask good questions is vital not only to understanding new ideas but also continuing to expand your scientific knowledge.
5. Be responsible- if you miss class you are responsible for finding out what you missed and making up the work.

Homework/Labs:

1. All work in preparation for a test should be completed before the test. This includes all homework and labs. Preparatory work can be corrected for up to full credit, as long as it is submitted by the day of the test.
2. You should have your homework done the day after it is assigned.
3. Labs may take more time to complete. They will primarily be done in groups, therefore extra time may be needed outside of class to complete lab write-ups.
4. Work can no longer be handed in for credit after the test.
5. If you miss a lab there will be some options for your makeup that I will decide for you. One option is if many students have missed the lab I will assign you a group and your group will have to find time outside of class to both do the lab and write the write up. The second option is that I will find you an individual lab to do on your own and complete the write up on your own.
Tests and Quizzes:

1. Tests will always be announced ahead of time. If you miss that day, it is your responsibility to arrange to make up the test. If you do not take the test by the day that we go over it, the only chance you have is the retake.
2. If you did poorly on a test, you have the option to retest. You are responsible to arrange to make up a test. Retests must be taken within one week of when the original test is handed back. After this time, you may no longer retake that test. Tests may only be retaken once. The retest score is the score that will go on your grade.
3. Quizzes will be taken everyday, they will be at the beginning of class and will be short. There will be no retaking quizzes, if you miss a quiz you will get a zero for that one. I will drop the 3 lowest quizzes at the end of the quarter.

Rules/Regulations:

1. Cell phones are not welcome in any IB class, I will be holding you to this and will expect you to leave your phone in your bag or better you locker, unless specifically stated by me on an appropriate time to use them. This also includes all headphones and speakers.
2. Due to recent instances of cheating on tests, if I suspect you of cheating you will get a zero on that test and you will be required to take the retake.
If you have read this syllabus, understand the expectations, and are still on board with taking this class, please sign below:

Student printed name: ___________________________________ Date: ______

Student signature: _______________________________________

Parents/Guardians, if you have read this syllabus, understand the expectations, and are still on board, please sign below:

Parent/Guardian printed name: ______________________________ Date: ______

Parent/Guardian signature: ________________________________

Parents/Guardians, at the end of the course I like to show the movie Interstellar. The film has accurate physics and is relevant to topics covered in the course. As it is rated PG-13, I am required to get permission from parents/guardians before showing it in class. If that’s acceptable to you, please sign below. If you’d rather your student not watch the film, do NOT sign; instead write a note saying that it’s not acceptable. I will provide other work for your student at that time.

Parent/Guardian signature: __________________________________
Physics Disclosure

Hello and welcome to physics. This class is about looking at the world and trying to create models of that world that can explain what is going on. This year we will study these general topics; Motion, Net Force, Energy, Thermodynamics, and Fields. Understanding these topics will get you well on your way to understanding quite a bit of the world around you.

Office Hours:
The very best time to meet with me is going to be during APP. This is a time to get questions answered and for me to reteach certain topics that need to be gone over again. If this time cannot work for you then an appointment can be made to see me before/after school. Appointments will be made through email.

APP:
APP is the designated time to come ask me questions about what is going on in the class and to make up missing work. If I call you to APP then you will be required to come see me during that time so we can go over missed items or work that must be made up.

Taking Notes:
Notes will be a required portion of this class. They are essential for the acquisition and retention of knowledge.

Class Fee:
This class has a fee of $20 payable to the front office. This is to go into the Physics budget and you will need to bring me a receipt.

Grading scale:
There will be three large places where your knowledge of physics will be evaluated. Assignments will be the most numerous but will also be worth the least. They are there for practice and should be thought of as a guide to more impactful parts of your evaluation. Labs are the practical part of physics and will be weighted more heavily than assignments. The final area will be Assessments which will be the most weighted. Assessments will have two components, quizzes and tests. Tests will be generally summative and will be your opportunity to show what you have learned. Tests will always be announced ahead of time and will be reviewed for. Quizzes can be announced or not and are a tool for you to show what you know at that time. All quizzes can be retaken for full points.

Grades are weighted below:
Assessments: 50%
Labs: 25%
Quizzes: 15%
Assignments: 10%
Grade Breakdown:
A: 100-87%   A-: 86-80%
B+: 79-73%   B: 72-66%   B-: 65-60%
C+: 59-53%   C: 52-46%   C-: 45-40%
D+: 39-33%   D: 32-26%   D-: 25-20%
F: 19-0%

Late work:
Assignments should be done the day after they are assigned. However because they are
designed to be practice for the assessments they will be worth full points up until the time of the
test. After the test the assignments will be worth no points.

Labs are a required portion of this class, therefore they are a large part of your overall grade. If
you miss a lab then you must make it up. This may be a replacement lab to be done on your
own or you will be assigned a group and you will need to complete the lab during APP or
before/after school.

Assessments must be taken on or before test day. If the test is not taken at this time or before
then the only option for testing is the test retake. After tests are given back, students will have a
certain amount of time to retake the test. There will be a ticket to be able to have the opportunity
to take the retake of the test. This may include but is not limited to coming in for APP, or
completing all homework from that unit or completing a study guide.

Classroom expectations:
We will follow all school rules in this classroom.
Be respectful: Listen to others and follow instructions. Use academic language. Use materials
appropriately.
Be responsible: Be willing to help and know when to ask for help. Do the job you are assigned
to do. Be prepared with materials.
Be safe: Keep your hands, feet, and other objects to yourself. Use materials appropriately.
There will also be no food allowed in the classroom, this is a new school wide rule.

Hall Pass:
We are moving to an electronic hall pass, there will be a learning curve to this classroom
procedure so please bear with me.

I as the teacher reserve the right to alter these guidelines on a case by case basis if need be.
If you have read and agree with this disclosure please sign below. If you do not agree then do not sign and we will find a different class for you.

Teacher signature: ________________________________ Date: ______

Student printed name: _______________________________________

Student Signature: ________________________________ Date: ______

Parent/Guardian Signature: ________________________________ Date: ______