Syllabus for 2019-2020 AP Physics 1

**Teacher**: Thomas Grist **Room**: 2050 **Term:** 2 semesters **Credits**: 1

**Phone**: (970) 259-1630 x2227 **email**: tgrist@durangoschools.org

**Teacher Website**: http://gristcatranch.weebly.com/

**Required materials**: text, **PENCILS** (not mechanical), journal notebook,lab notebook = must be graph paper, graphing calculator, 2 AA batteries, colored pencils (erasable), Optional yet useful things; Roll of Duct Tape, smart phone, tissues for your tears, food for your brain, open mind, growth mindset,

**Topics**: Kinematics, Dynamics, Work & Energy & Power, Momentum, Circular Motion, Universal Gravitation, SimpleHarmonic Motion and Waves, Rotational Kinematics and Dynamics, Electricity

**Useful websites**: Flipping Physics, Khan Academy, A Plus Physics, AP Central

**Grading:** Parents & students can obtain grades & other info on-line at the Infinite Campus site

10% formative (classwork, homework) 65% summative (quizzes, tests, sometimes labs), 20% final, 5% behavior Percentages subject to change…

**Policies:** All school rules apply. Be in the classroom when the bell rings.Daily attendance & readiness required. Absences excused under school rules will allow for make-up work. Ask only during appropriate breaks in class TAKE THE HALL PASS!!! All homework will be assigned with the intent of practice, preparation, elaboration, or assessment. Please reflect on comments included on graded assignments. Also note that reading assignments cannot be done passively.

**Students with special needs:** See me privately.

**Lab Guidelines & Safety Contract:**

1. I will dress appropriately including wearing goggles and shoes, pull back all lose hair and clothes, and wearing any other safety equipment as necessary.

2. I will use equipment safely, use it for its designated purpose only, and am monetarily responsible for any broken equipment – even if breakage was accidental.

3. I will not engage in any ‘horseplay’. Inappropriate behavior will be given a score from 1 -10 based on precision and level of difficulty. Scores will be an average from scores given by an accredited judges.

**To ensure clear communication, a parent/guardian and the student must sign this form indicating they have read the syllabus and especially the lab guidelines. Please return tomorrow.**

Parent email, and contact info: Date:

Student name (print): Student signature: Period: