

Wekiva High School

AP Physics 1 - Summer Math Review

Welcome to AP Physics 1!

Mathematics is the tool that physicists use to describe the relationships between various properties of objects. In fact, one of the most famous physicists, Sir Isaac Newton, developed calculus so he would have a way to describe his observations and make predictions. Even though AP Physics 1 doesn't require that you know any calculus, it does require that you have mastered the fundamentals of Algebra and Geometry.

This summer, take some time to review a bit of the mathematics that you will use in your study of physics. Watch with paper and pencil in hand and follow along with the examples. Below are a few websites you can visit to help review the mathematics you will use this year. But first, watch this video from Flipping Physics.

How to Watch an Instructional Video

<http://www.flippingphysics.com/how-to-learn.html>

Listed below the video are links to interesting articles about multitasking and the benefits of taking notes with pencil and paper.

Math Review Videos

http://www.applusphysics.com/courses/ap-1/AP1_Physics.html

<https://sites.google.com/site/fregaphysics/physics/math-review>

<http://www.physicsphenomena.com/PhysicsMathReview.htm>

