

AP physics 1 course covers the following topics:

1. Kinematics
2. Newton’s Laws of Motion
3. Gravitation and Circular Motion
4. Work, Energy, Power, and Linear Momentum
5. Torque and Rotational Motion
6. Simple Harmonic Motion, Waves, and Sound
7. Electrostatics and Simple Electric Circuits

Brush up on your algebra focus on:

1. Manipulating Variables (solving formulas)
2. Scientific Notation
3. The Metric system and unit conversions
4. Geometry and angle relations; sin, cos, tan
5. Vectors

AP physics students may go to any of the various educational sites on the internet that offer course preparation or “summer assignments”. These sites are often free and contain math review in the target areas above.

Students who turn in summer math work on the first day of school will receive extra credit points (math work must be specific to the 5 focus areas above.)

Good Luck, Have a great summer, See you in the fall.