

Summer assignment AP and PREAP physics 2021

Go to <https://www.gpb.org/physics-in-motion> and watch 1 video each day. Here is your list of videos to complete before the start of school.

- [Physics 101: Physics Metrics](#)
- [Physics 102: Scientific Notation and Metric Conversions](#)
- [Physics 103: Metric Conversions and Calculator Skills](#)
- [Physics 104: Accuracy, Precision, and Significant Digits](#)
- [Physics 105: Significant Digits in Calculations; Scientific Experimentation](#)
- [Physics 106: Finding Relationships Between Variables](#)
- [Physics 201: Introduction to Vectors](#)
- [Physics 202: Combining Vectors Graphically](#)
- [Physics 203: Composition and Resolution of Vectors](#)
- [Physics 301: Analysis of Motion](#)
- [Physics 302: Motion Math](#)
- [Physics 303: Motion of Falling Objects](#)
- [Physics 401: Newton's 1st and 2nd Laws](#)
- [Physics 402: Newton's 2nd Law](#)
- [Physics 403: More of Newton's 2nd Law](#)
- [Physics 404: Newton's 3rd Law and Projectile Motion](#)
- [Physics 405: Projectile Motion](#)
- [Physics 501: Composition and Resolution of Forces](#)
- [Physics 502: Resolution of Forces and Inclined Planes](#)
- [Physics 503: Friction](#)
- [Physics 504: Centripetal Force](#)
- [Physics 505: Gravity](#)
- [Physics 601: Momentum](#)
- [Physics 602: Conservation of Momentum](#)
- [Physics 603: Work](#)
- [Physics 604: Machines and Mechanical Energy](#)
- [Physics 605: Mechanical Energy](#)