

## STEM Physics Summer Assignment 2021

Welcome to the world of physics. We will spend a great deal of time in this course on kinematics which is basically the study of how things move, We will also be learning about forces, light, sound, and some of the more modern topics of astrophysics.

To best prepare you for the rigors of this class, I would suggest you spend some time this summer doing some of the following activities:

1. Watch some Veritasium videos. <https://www.youtube.com/user/1veritasium>
  2. Check out The Science Of website <https://thescienceof.org/>
  3. Take something apart and put it back together again.
  4. Think about how things such as cars, appliances, plumbing, air conditioners, or any other mechanical devices work.
  5. Read. Read a lot. You will likely read a great deal in college, so start getting ready for it. Your vocabulary, spelling, and general outlook on life will improve.
  6. Get some rest. I hate hearing teenagers telling me how tired they are. Welcome to early adulthood.
  7. Make good decisions. I keep seeing the fallout from young people who make poor decisions.
  8. Help out other people. Family members, strangers, it does not matter; everyone can use a little kindness.
  9. Get some exercise.
  10. Take care of yourself. This has been a tough year. Exercise, eat carefully, stay hydrated, avoid sunburn, listen to good music, avoid wasting time with meaningless social media, take up meditation, and keep your room and living area clean.
- See you later this year.