

# Semester 1 Study Guide



## Best Way to Study

- Go through myPLTW
  - Review Slide (see below for the links)
- Review Activities and Project

What's going to be on the test:

## Unit 1.1

- [Engineering Notebook](#)
- [Design Process](#)
- [Lever, Wheel and Axle, and Pulley](#)
- [Inclined Plane, Wedge, and Screw](#)
- [Gears, Pulley Drives, and Sprockets](#) (include Compound Machines)
- This Simple Machine [Overview](#) might be helpful.

## Unit 3.2.1

- [Fluids](#)
- [Pneumatics](#)
- [Hydraulics](#)
- [VEX - Understanding The Pneumatic Kit Components](#)

The [Engineering Formula Sheet](#) will be provided.