

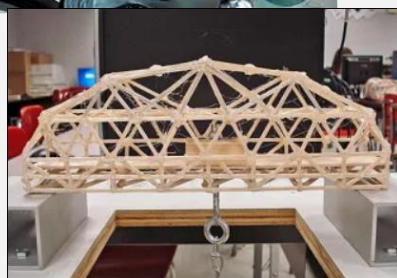
Principles of Engineering

Mr. Albert



Schoology Class Code: WD8G-3HNS-R7CFB
Google Meet nickname: albertp1

Email: albertp@dcpsmd.org



What is Principles of Engineering?

In PLTW Principles of Engineering, you will explore a broad range of engineering topics, including mechanisms, materials, structures, automation, and motion. You will work like an engineer to apply an engineering design process to solve challenging problems, document your solutions, and communicate your work. The transportable skills you practice in this course—such as communication, collaboration, and process thinking—can be applied to your other courses and your future career!

Grading Policy

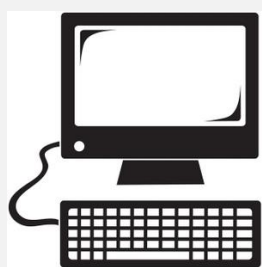
At the start of each section or unit, you'll get a list of learning goals. Grading will be a combination of formative assessments and summative assessments that align with DCPS Policy on Grading. Every Friday, we will have a class "check in" where you will show your progression and road to mastering the learning goals of the week. I'll provide feedback when you are struggling to master a learning objective & you'll get a chance to continue working toward mastery.

Accessing the Curriculum

This class has no textbook. Instead, all curriculum is online and we use web resources and lab work to learn. You can get to the official PLTW curriculum by going the myPLTW.org & logging on. I will use Schoology to assign & collect work & will link it to myPLTW resources. Whether learning at home or in the classroom, your laptop and/or phone will be one of your key resources.

Staying Connected

The best way to stay connected is by logging onto Schoology daily & following instructions there. If you are learning from home & are ever struggling with figuring out the instructions or what you are to do, I will be available by email & am also happy to set up a Google Meet to talk you through anything you're confused about. If you need help, just ask:)



REQUIRED MATERIALS

1 Composition Book
To use as you engineer's notebook

Colored Pencils
To complete diagrams
At home

Index Cards
To study Vocab
and Concepts

SMARTPHONE APPS

Google Meet

Schoology

POLICIES

Complete all work on time
Be honest (do your own work)
Persist until mastery occurs

What is PLTW Engineering?

<https://www.youtube.com/watch?v=yyDn9dXJ3MI>

GRADING SCALE

100	90	80	70	60
A	B	C	D	F