



PLTW Flight and Space Virtual Learning

**8th Grade/Engineering  
Careers Scavenger Hunt**

April 30, 2020



8th Grade/Flight and Space  
Lesson: April 30, 2020

**Objective/Learning Target:  
Students will research about engineering careers**

## Warm-Ups:

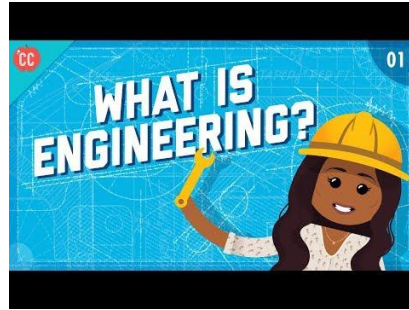
Record your quick write on your [Cornell Notes](#) or notebook paper for the day.

What does an engineer do? What types of engineers do you already know about. List all engineers that you can think of.



# Lesson Introduction/Background Information:



Watch this video to answer the question What is Engineering?



Learn about if engineering is right for you.



Find out about engineering salaries and employment opportunities.

 **How Much**  
**do Engineers**  
**and Scientists make?**  


Today you will be learning about different types of engineering.

Begins with	Engineering Career	Invention/Innovation
A	Aerospace Engineer	Rocket Engine
B		
C		
D		
E		
F		
G		
H		
I		
J		
K		

## Practice:

Make a chart like the one on the left in your notes or use the [Scavenger Hunt](#) file. Complete the Engineering Career column with the name of a type of engineer that begins with each letter of the alphabet. Brainstorm an invention or innovation that may have come about from the work of that type of engineer. Enter this information in the invention or innovation column. I have completed the first career for you. Watch this [video](#) to be able to fill in the Invention/Innovation column.

# Self-Assessment:

Write down what type of engineering career most interested you. Why did this career interest you?

# Extend Your Learning/Continued Practice:

Learn about mechanical engineering.

Learn about civil engineering.

