

Automation & Robotics Virtual Learning

7th & 8th What is an Engineer Day 1

May 4, 2020



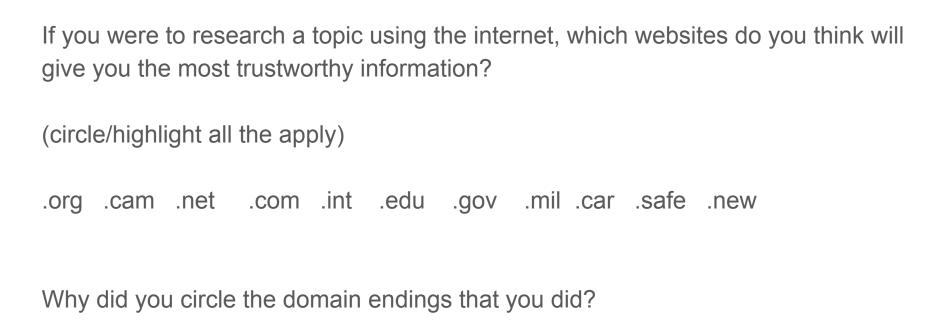
PLTW: Automation & Robotics Lesson: What is an Engineer Day 1 [May 4th]

Objective/Learning Target:

Students will identify an engineer career and learn about the different aspects of the career.

Warm-up

*To complete the Warm-up, notes, and questions electronically, click here



To check your answers take a look at this webpage.

Instructions

In lesson "What is engineering Review Day 2" we reviewed the different types of Engineers.

This week we are going to pick one engineering career to focus on and create a presentation to share with others.

The presentation will can be a poster, Google Slides, PowerPoint, Google Doc poster, PowToon, Adobe Spark video, or a Prezi. You can use any presentation medium that you are most familiar with or try a new one.

Your presentation will explain what engineers in the field you picked do, how to become one, how much they get paid, and related careers.

List of different types of Engineers

You can also use this website http://www.egfi-k12.org/# to help you research the different engineer careers. (You might have to allow Flash to play on Chrome)

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Mechanical

Chemical

•Biomedical

Materials

Mining

•Civil

• Environmental

•Electrical

• Nuclear

Architectural

•Industrial/Manufacturing

Computer

•Ocean

Pick three careers that interest you and focus on them.

What three engineering careers did you pick?

Career #1		Career #2		Career #3		
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	2.		2.			
	3.		3.			
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	e the major job bilities? (list at least	the major job bilities? (list at least four) 1. 2.	what are the major job responsibilities? (list at least four) 1. 2. 3.	what are the major job what responsibilities? (list at least four) 1		

Extend your learning

Share '	what y	ou learned	about the	three	engineering	careers	you
picked	today	with some	ne in you	r home	Э.		

Ask them, "If you could learn more about just one of these careers which one would it be and why?"

Record their answer he	re:	