

Exploring Engineering Careers

Power Point Activity

Intro:

An engineer is a person who uses science, technology, math, and communication to solve problems. As new technologies are developed, engineering changes. In fact, many of the careers you will be applying for when you finish your schooling don't exist today. As new technologies develop, new generations of engineers are needed as well.

Materials/Needs:

- Computer with Power Point or Collab Presentation
- Web browser i.e. Chrome, Explorer, Firefox, Safari, etc.

Guidelines/Instructions:

You will be exploring engineering careers in this activity. You will create a Power Point/Collab Presentation highlighting aspects of each type of engineering career.

Choose 3 of the following engineering types:

- Aerospace
- Biomedical
- Automotive
- Civil
- Electrical
- Architectural
- Chemical
- Environmental
- OR Choose 3 from the top of the walls around the Fab Lab...

Your presentation should have a minimum of 10 slides (Title slide, and at least 3 slides per engineering type.

Include the following for each of the engineering types:

1. What type of work do people in this career do?
2. What is the salary range? Starting salary? Top salary?
3. What are the working conditions? Inside/Outside? Office/Plant/Lab?
4. What are the major responsibilities?
5. What kind of education is needed for this type? What degree?
6. Provide 2 related pictures for each type of engineer.