Careers in Engineering Presentation Project

Name: _____ Block: ____ Date: _____

Objective of Assignment:

I will provide a list of some potential specialties and types of Engineering for you to research and report back on. You will put together a presentation to share with the class using your choice of media (Powerpoint, Google Slides, home made video/film, etc).

Presentation requirements
- Individual assignment. NO ONE MAY PICK THE SAME TYPE OF ENGINEER. We will have a sign up sheet
- Hand in your presentation digitally as well as your printed out "script" hard-copy on the day of your presentation
- **Should include both photo and video aspects**
- Should be 5-10 minutes long
- Video portions should not take up more than half your presentation unless it is footage you have written, filmed, and edited yourself. (See me for details)
- We should be able to understand your talking and ability to answer appropriate questions
- Be an "Expert" on the field of study requirements and should be able to answer audience/teacher questions
- Presentation should be accessible from any computer (google slides) or saved to a USB drive so we can easily hook it up to the projector
- You should practice doing the presentation at home. Time yourself so you meet the length requirements.

Questions to Be Addressed (minimum)
At a bare minimum these questions should be answered in your presentation and written report. You should be able to answer questions during your presentation as well.
1. Type of "engineer"
2. Required post-secondary/training
3. Specific role and job responsibilities. What do you do and how does it impact the economy, world around us, etc?!
4. Future job prospects (will the jobs still exist in 20 years)
5. Environmental impacts of this career field
6. All interesting information about this career. Examples of everything!

https://holbrooktech.weebly.com/careers-presentation.html

More info on the back -->

Timeline to prepare and to present:
You will have 5 days of in class time with a laptop cart to research, prepare, and create a multimedia slideshow presentation. You may need to do some work at home in order to prepare if the 5 days of in class time is not enough for you.

Day 1 starts Friday, January 31st 2020 - Chromebook Cart G
Day 2 - Tuesday February 4 - Chromebook Cart G
Day 3 - Thursday February 6 - Chromebook Cart G
Day 4 - Monday February 10 - Chromebook Cart G
Day 5 - Wednesday February 12 (flex day short class) - Chromebook Cart G
Day 6 - Presentations start - Friday February 14
Day 7 - Presentations finish - Wednesday February 19

How you will be graded:

1. Quality of presentation material
   a. Multimedia (photos, videos, graphs, etc)
   b. Written portions are easy to read from the back of the room
   c. Subject knowledge. Do you know what you are presenting on?
2. Clarity of your talking. Can we all hear and understand you in the room?
3. Did you look up and actually try to engage with the audience or did you stare at your script the whole time?
4. Hand in your slideshow/presentation both digitally and hardcopy (email and print out if needed) Final presentation links can be emailed to: mholbrook@deltasd.bc.ca

ORAL PRESENTATION RUBRIC

	1	2	3	4	Total
Organization	Audience cannot understand presentation because there is no sequence of information.	Audience has difficulty following presentation because student jumps around.	Student presents information in logical sequence which audience can follow.	Student presents information in logical, interesting sequence which audience can follow.	
Subject Knowledge	Student does not have grasp of information; student cannot answer questions about subject.	Student is uncomfortable with information and is able to answer only rudimentary questions.	Student is at ease with expected answers to all questions, but fails to elaborate.	Student demonstrates full knowledge (more than required) by answering all class questions with explanations and elaboration.	
Graphics	Student uses superfluous graphics or no graphics	Student occasionally uses graphics that rarely support text and presentation.	Student's graphics relate to text and presentation.	Student's graphics explain and reinforce screen text and presentation.	
Mechanics	Student's presentation has four or more spelling errors and/or grammatical errors.	Presentation has three misspellings and/or grammatical errors.	Presentation has no more than two misspellings and/or grammatical errors.	Presentation has no misspellings or grammatical errors.	
Eye Contact	Student reads all of report with no eye contact.	Student occasionally uses eye contact, but still reads most of report.	Student maintains eye contact most of the time but frequently returns to notes.	Student maintains eye contact with audience, seldom returning to notes.	
Elocution	Student mumbles, incorrectly pronounces terms, and speaks too quietly for students in the back of class to hear.	Student's voice is low. Student incorrectly pronounces terms. Audience members have difficulty hearing presentation.	Student's voice is clear. Student pronounces most words correctly. Most audience members can hear presentation.	Student uses a clear voice and correct, precise pronunciation of terms so that all audience members can hear presentation.	
				Total Points:	

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