Objective: Students will be able to describe and draw what an engineer looks like and does.

Warm Up: Describe what you think an engineer does.

Procedure:
1) Students will take 3 minutes to describe what they think an engineer is or does in their notebooks.
2) Take volunteers to read their description to the class aloud.
3) Students will then use their knowledge as well as their classmate’s descriptions to complete the “What does an engineer look like?” Worksheet.
4) Explain to the students that they need to draw, color and label their person - being very specific.
5) Give the students 15 minutes to complete this activity independently.
6) Take volunteers to share their drawings aloud.
7) Write the word “engineer” on the board - ask students to think of words that describe an engineer - write the students ideas on the board while students write them on “ENGINEERS!!” Worksheet.
8) Students will then define engineering. Engineering is the application of math and science to problem solve and to create something of value from our natural resources.
9) Collect student drawings and generated lists of words that describe engineers and create a bulletin board with them titled “ENGINEERS!!”

Evaluation:
Review of independent work and observation of understanding of what an engineer is.

Homework:
Create a list of as many types of Engineers that you and your family can think of on “How Many Different Kinds Of Engineers Can You Think Of?” Worksheet.

Contributed by: D. Gioffre, Hillsborough Middle School, Hillsborough, NJ 08844
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What does an Engineer Look Like?

Draw, color and label a full size picture of what you think an engineer looks like. You must include everything from their head to their toes and if necessary label anything that you feel needs to be explained in more detail. You will have 15 minutes to do this activity – so work efficiently.

Name ___________________
Define engineer: ____________________________________________
____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

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How Many Different Kinds Of Engineers Can You Think Of?

Below you are to create a list of as many types of engineers that you can think of. Feel free to ask your family, look in the dictionary or use the Internet to find as many as possible.

Describe 3 tasks that you do at home that would make you an engineer.

1) 

2) 

3)