

NAME _____

ENGINEERING DESIGN

Directions: Using the attached PowerPoint, complete the notes below.

Slides 32-43

TYPES OF ENGINEERS

- What is an engineer?

- Engineers play an important role in the economy and society.

- _____
- _____
- _____
- _____
- _____

- There is a significant demand for engineers. They are needed to solve all sorts of problems.

- Automakers need engineers to help make vehicles more _____ efficient.
- The government needs engineers to help develop better ways to _____ our national security and to improve our _____ (roads, bridges and buildings).
- Technology companies need engineers to design better _____, _____ and other electronic devices.
- Electric companies need engineers to innovate ways to produce _____ energy.
- Doctors need engineers to develop new _____ treatments and _____ tools.

- Complete the table below with descriptions of different types of engineers.

Type of Engineer	Description
Aerospace Engineer	
Agricultural Engineer	
Biomedical Engineer	
Chemical Engineer	
Civil Engineer	
Computer Engineer	
Electrical Engineer	
Environmental Engineer	
Mechanical Engineer	