An engineer designs, builds and maintains machines (engines), products (chemicals), structures (bridges) and systems (highway systems).

What they do
- Use science and math ideas to solve problems.
- Draw, sketch, and develop models.
- Prepare plans to build or create new things, such as bridges and cars, computers, machines, and chemicals.
- Study electricity and design things that use electricity.

Where they work
- Engineering Firms
- Laboratories
- Research Facilities
- Construction Companies

Cool tools they use
- Computers
- Protractors
- Scales
- Magnets

Subjects they study
- Math
- Science
- English Language Arts

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