



# Engineer

## Job Description

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
- Scales
- Protractors
- Magnets

## Subjects they study

Math, Science, and English Language Arts

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