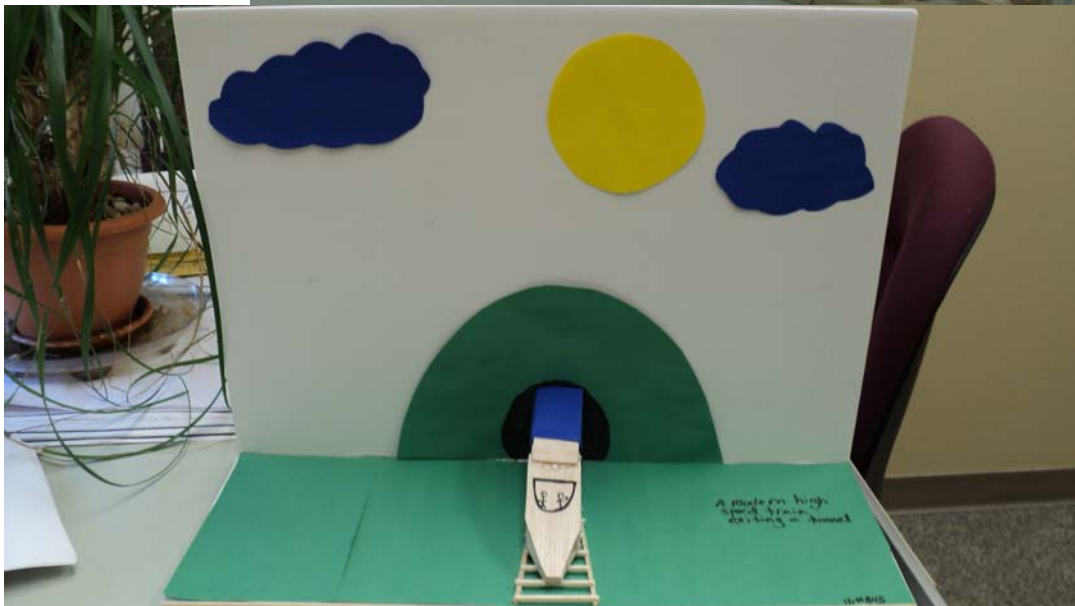
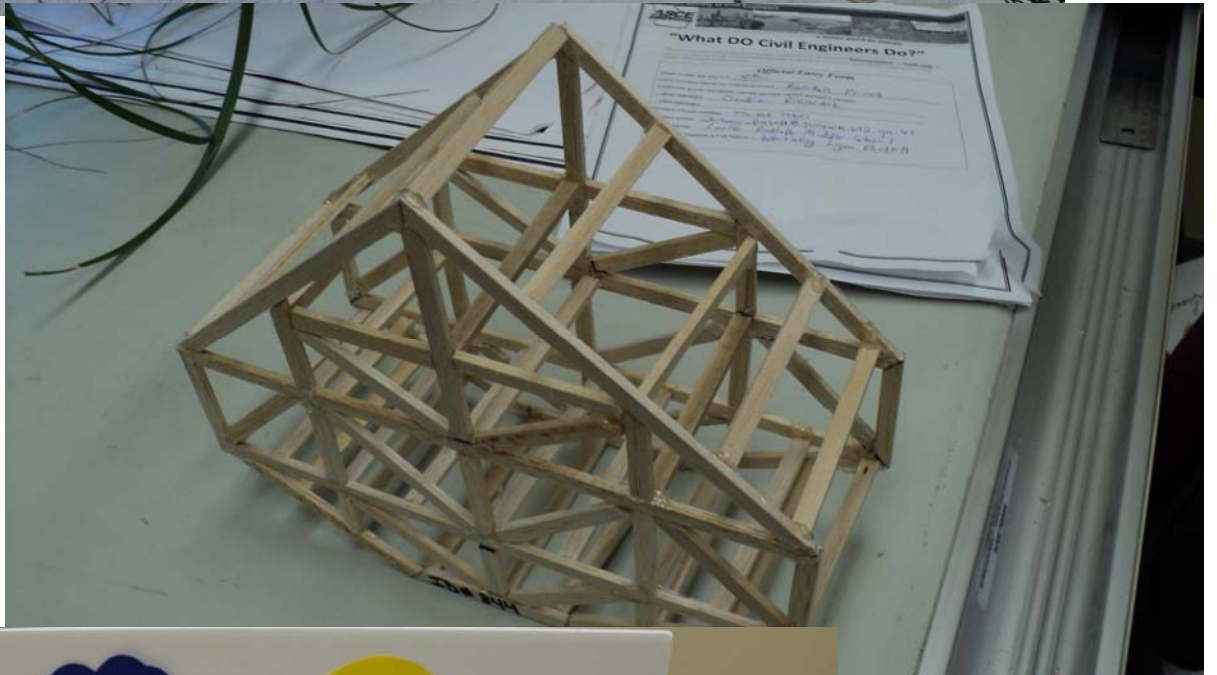




Civil Engineering Contest

Examples of
Past Entries





Excerpts From:

Diary of a

Civil Engineer



DEAR DIARY... In practical work he can be ingenious with

Nothing is so inspiring as seeing big works well laid out and a real engineering organization. Philosophers have only interpreted the world in various ways. In practical work he can be ingenious with regard to multiplying applications, he uses engineering rather than the imagination. Anonymous... I was taught at college, the engineer learns most from the scrapheap - G.A.

I started my first day of courses here at the Georgia Institute of Technology, where I will be working towards getting a 4 year bachelor's degree in their Civil Engineering program. My Civil engineering professor told me that I can specialize in a specific area of the profession, such as hydraulics, structures, and management. Thanks to his advice, I've decided on a degree in structural civil engineering. My parents are really proud of me and say I should strive for a PhD, because they have more experience and earn better wages (around \$115,000, as opposed to a mere \$50,000). My professors have already told us to get a Professional Engineer license before seeking a job, as Professional Engineers are more respected in the engineering community.


Civil Engineering II2 - PowerPoint

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What Does A Civil Engineer Do?



- They design, maintain, and enhance private and public infrastructure systems., which is the framework of a structure. Also there are technical fields such as Structural, Environmental, Transportation, Site Development, and Geotechnical. It is typical for a civil engineer to specialize in one or two of those technical fields due to the broad magnitude that the profession covers. They also design and supervise the construction of roads, buildings, airports, tunnels, dams, bridges and water supply and sewer treatment systems. They encompass many specialties. Civil engineers would be responsible for the design of a facility assuring that it meets all federal, state, and local codes as well as protecting the safety of the general public. They could also be involved during the construction of the facilities to ensure that the property methods are being used.

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SLIDE 2 OF 12 ENGLISH (UNITED STATES) NOTES COMMENTS 100%

72 Gabriel Petkevich-Civil Engineering Brochure[1].pdf - Adobe Acrobat Pro DC


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Home Tools 72 Gabriel Petkevich...

1 / 2 99.6%

Before this project ever existed, I thought I knew about civil engineering. I thought, "Oh, Bob The Builder is one of those guys that builds things."

As you will see, civil engineers are much greater than this simple cartoon. They design, model, build, and improve our way of life.



Civil Engineering

By: Gabriel Petkevich

Tools They Use

- Computer aided drafting systems
- Aerial photos
- Maps
- Blueprints
- Geological surveys
- Other tools for assessing the safety and compliance of job sites.

What Civil Engineers Do

Civil engineering or site engineering consists of planning, designing, and directing the construction of buildings, roads, water systems and communities, just to name a few. They also use computers to research and analyze data which in turn helps them to communicate with other knowledgeable people for ideas to make their masterpiece as great as it can be. What civil engineers do their job right we know we are safe. Our lives depend on the work of civil engineers. They are necessary to improve the quality of all of our lives. Civil engineers significantly impact the lives of people through their insight, vision, perseverance, and construction of ideas. Their ultimate goal is to create a final product that benefits others.

Continued learning takes place when engineers communicate information learned through experience, hard work, trial and error. These three things are the basis for a final product: a roller coaster, sky-scraper, transit system or subdivision layout.

