

Inventions in Engineering

Final Project

1. Create your Invention

You have already brainstormed and decided on your invention. In unit 6, you submitted your Invention Proposal. In unit 7, you applied for a CTY patent for your invention. Now, it is time to build!

Create a prototype, which is a working model, of your invention. Your prototype may need to be larger or smaller than the actual size of your invention. For example, if you were trying to build a new type of space shuttle, you would probably need to make a smaller version as a prototype. And if you were trying to build bionic legs for ants, you would probably need to make a larger version as a prototype!

2. Present your Invention

Using PowerPoint (or Open Office), you will present your invention to your instructor. The presentation will include 7 slides- one for each of the following topics:

1. Invention Name and Inventor Name
2. Problem or Question
3. Invention Solution
4. Materials Needed
5. Procedure (how you constructed your invention)
6. The Invention (either photographs or a video clip)
7. An Advertisement for your Invention

Your final project will be evaluated on the information you include in your presentation, your attention to detail, and your creativity. Your invention will be evaluated on its originality, usefulness, and design.