Important Terms

Learn the following words and what they mean for this project.

Science The study of the world to learn how and why it works

Invention A new solution or device to solve a problem

Inventor A person who solves a problem by creating an invention

Engineer A person who uses science to create things that solve problems

Engineering Design Process The steps engineers use to find solutions

Original Unlike anything else, unique

Research To study and learn about something

Requirement Something that must be done or completed

Design A detailed plan for how something will work and what it will look like

Prototype A model of the design to prove that it works

Improve Change something in a way that makes it better

Testing Experiments to see how well something works

Teamwork Working with other people