**Step 7**

**Improve:**

Repeat steps 1-6.

Make Improvements.

Redesign as needed.

**Step 4**

**Plan:**

Select Best Idea.

Diagram.

Gather Materials.

**Engineering Design**

**Process**

**Step 2**

**Research the Problem:**

History?

Successes?

Failures?

**Step 1**

**Ask and Identify:**

Needs?

Goals?

Constraints?

**Step 6**

**Test & Evaluate:**

What can be improved?

**Step 3**

**Imagine:**

Brainstorm Solutions.

**Step 5**

**Create:**

Build Prototype.