

# TEJ4M Electronics

## Review Activity #1

1. For each of the following components write a paragraph describing its purpose, common real-life appearance(s), common schematic representation(s), its “strength” measurement concept, the units used for that measurement, and a single “extra” piece of info that is important to know about that component.
  - a. Resistor
  - b. Capacitor
  - c. Transistor
  - d. Light Dependent Resistor
  - e. Power Supply
2. Carefully build, test, and demonstrate to your teacher of each of the following circuits. Schematics can be found on the TEJ3M website.
  - a. LED
  - b. LED w/ Switch
  - c. Smoothing Cap
  - d. Remote LED
  - e. Touch Current Amplifier
  - f. Oscillating Flasher
  - g. Dark Detector
  - h. Light Detector

