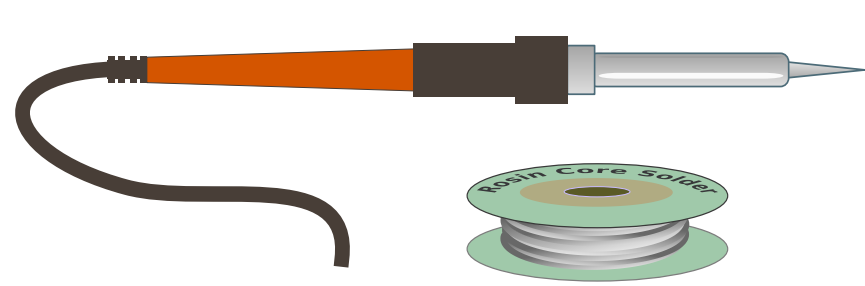
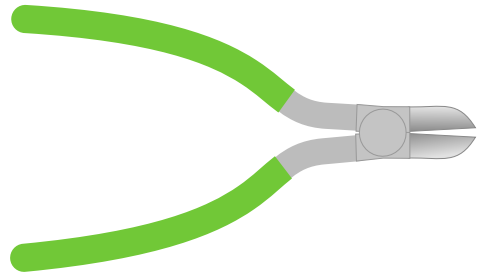


Materials and tools

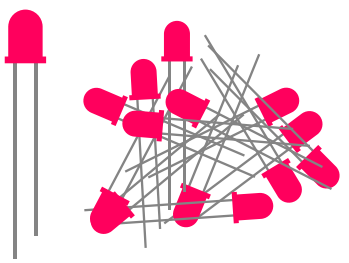
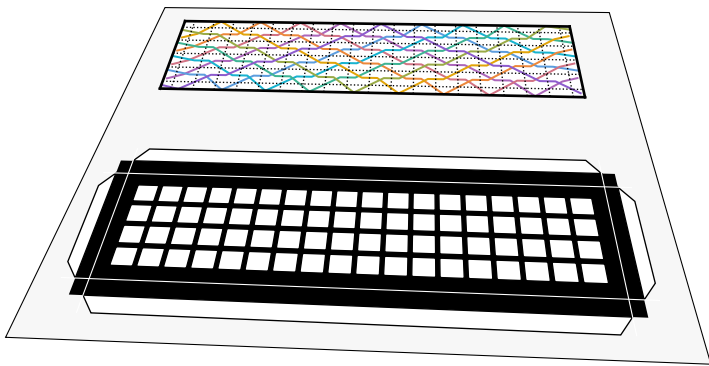
Soldering iron & solder
(low-temperature preferred)



Wire snips

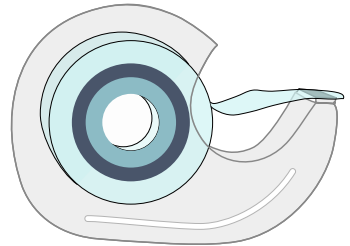


Paper designs or templates

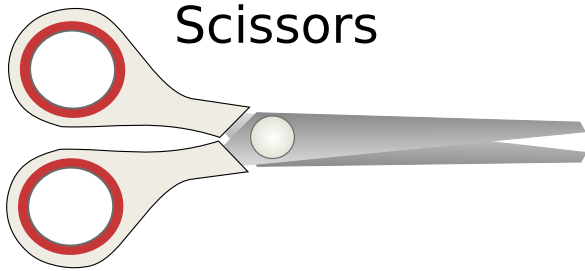


LEDs [$\# \text{ rows} \times 2 \times (\# \text{ rows} \times 2 + 1)$]
(Plus a few spares)
Wide viewing angle ('hat top') preferred

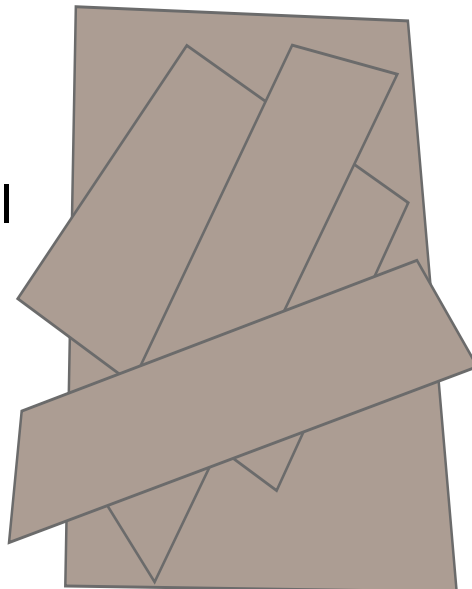
Cellophane tape



Scissors



Scrap cardboard
• Non-corrugated
• Cereal boxes work well



Hobby knife (optional)



Push-pin
(or other tool for perforating cardboard)

