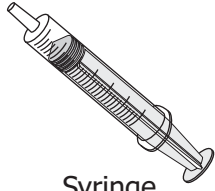


SYRINGE TORCH

YOU NEED



Syringe



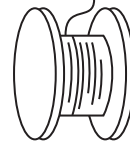
LED



Strong Magnets

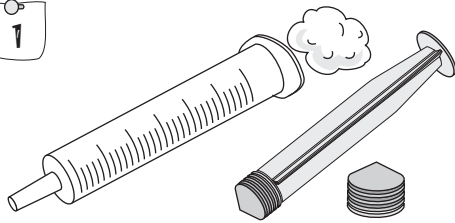


Cotton ball



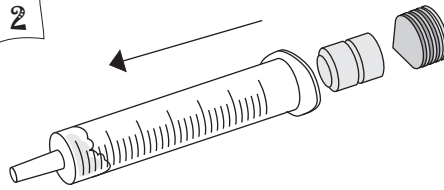
Insulated Copper Rewinding Wire

1



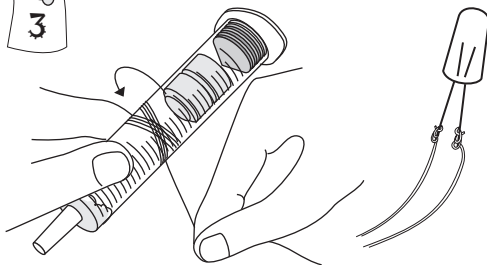
Place cotton in a syringe barrel. Remove rubber piston from the plunger.

2



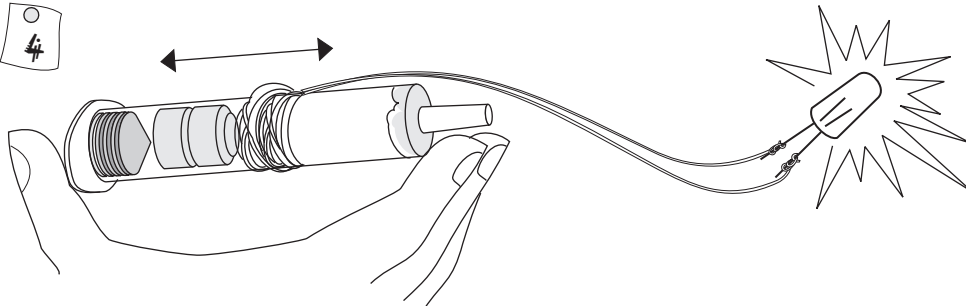
Place 2 strong magnets and insert the rubber piston as a stopper.

3



Wind 500 turns of thin insulated motor rewinding wire on the syringe. Scrape the insulation from the ends and attach them to a LED.

4



Now hold the syringe barrel and shake it. The magnets will reciprocate freely. The changing magnetic field will produce current in the coil and light up the LED.