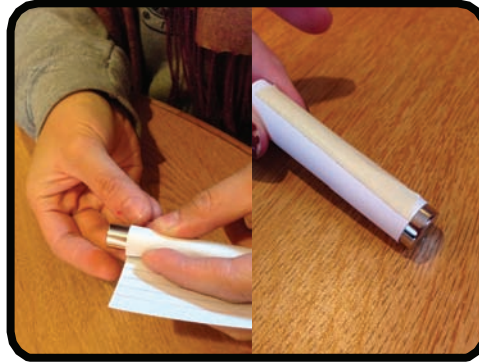


Step by Step Guide: Build your Own Speaker



Step 1: Gather Materials



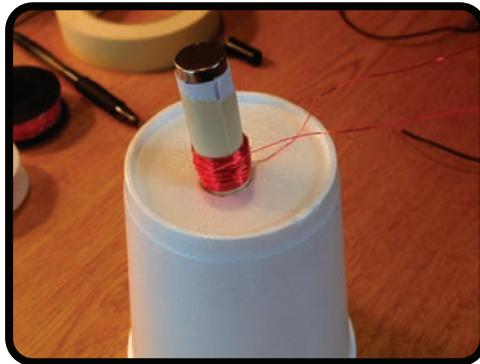
Step 2: Wrap notecard tightly around magnet and tape paper



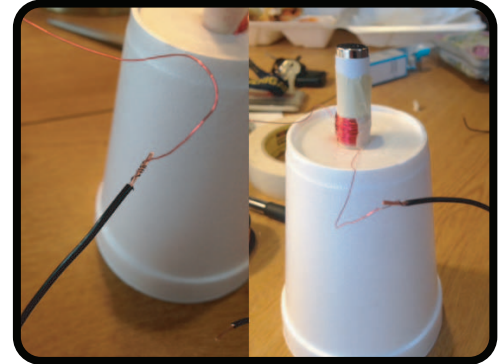
Step 3: Leaving a bit for the ends, wrap the magnet wire 50 times around the paper tube with magnet



Step 4: Burn magnet wire ends



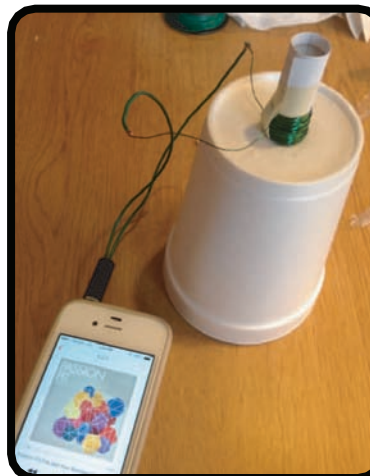
Step 5: Punch hole in bottom of cup and insert paper tube with magnet and coil



Step 6: Connect magnet wire with audio jack



Step 7 (we did this already): Wrap wire around audio jack and solder before replacing cap



Step 8: Plug audio jack into phone or computer and play!

Speaker not working?

- Make sure to check all wire connections
- Check magnet position and make sure it is in the middle of the coil

