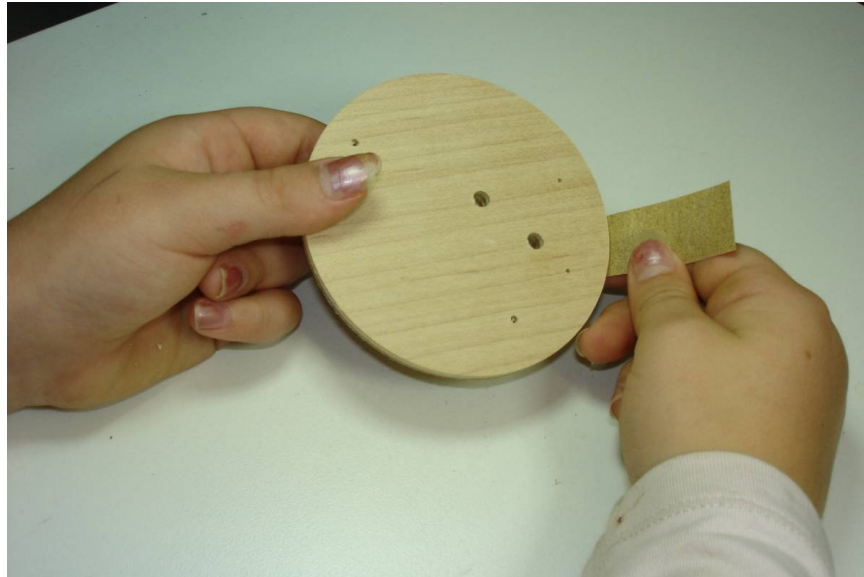


Kid's Kit #1

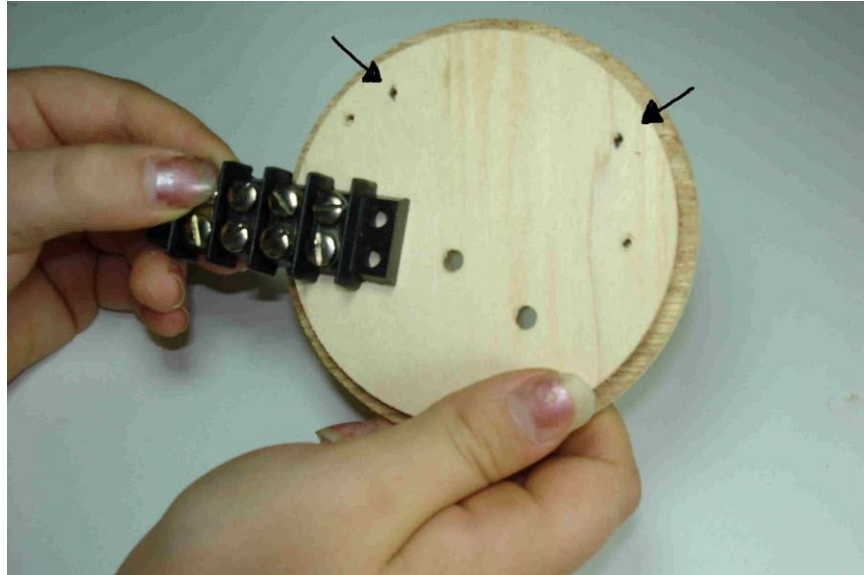
Learn the code

Building Instructions

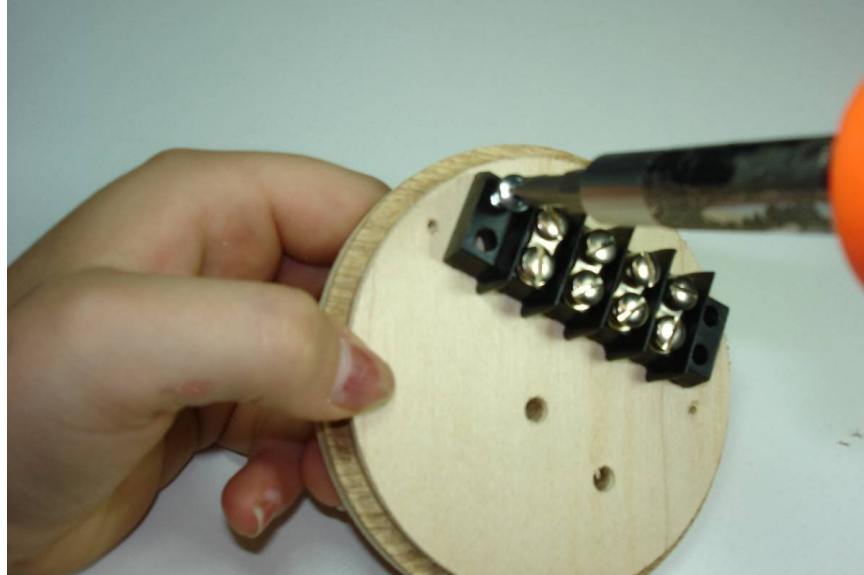




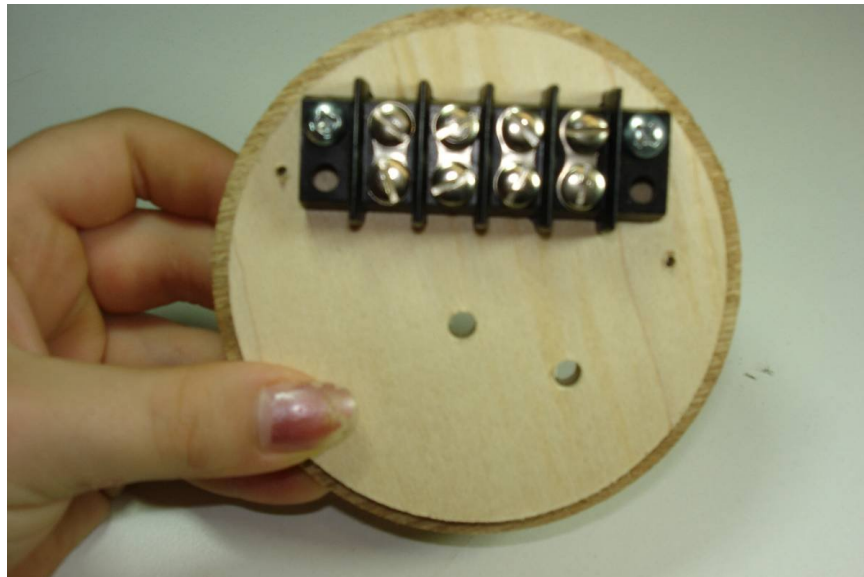
Smooth the rough edges of the wood with a piece of sandpaper



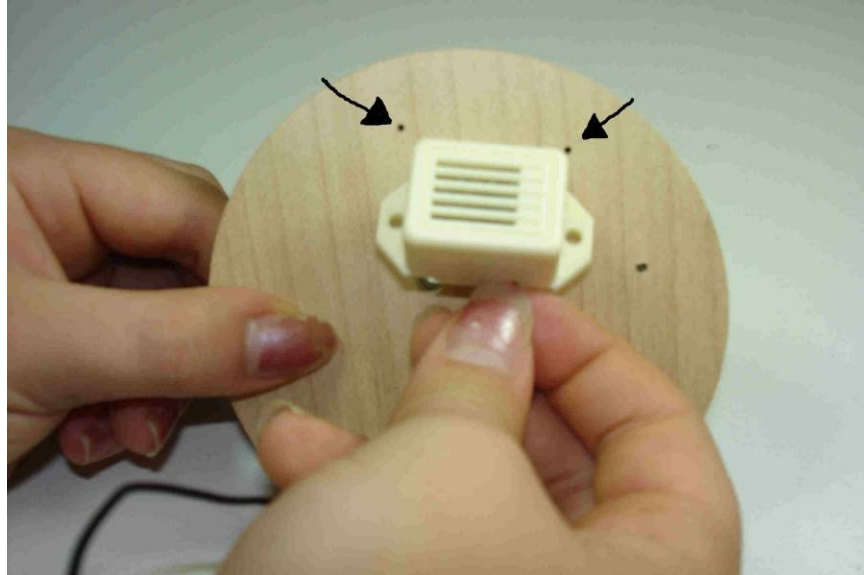
Locate the 2 holes for the terminal block on the bottom side.



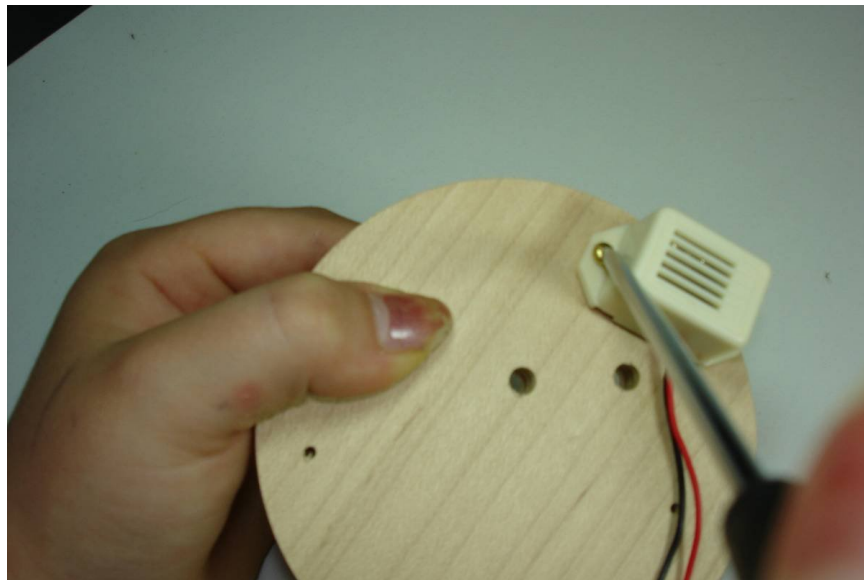
Screw the terminal block onto the board using 2 large screws.



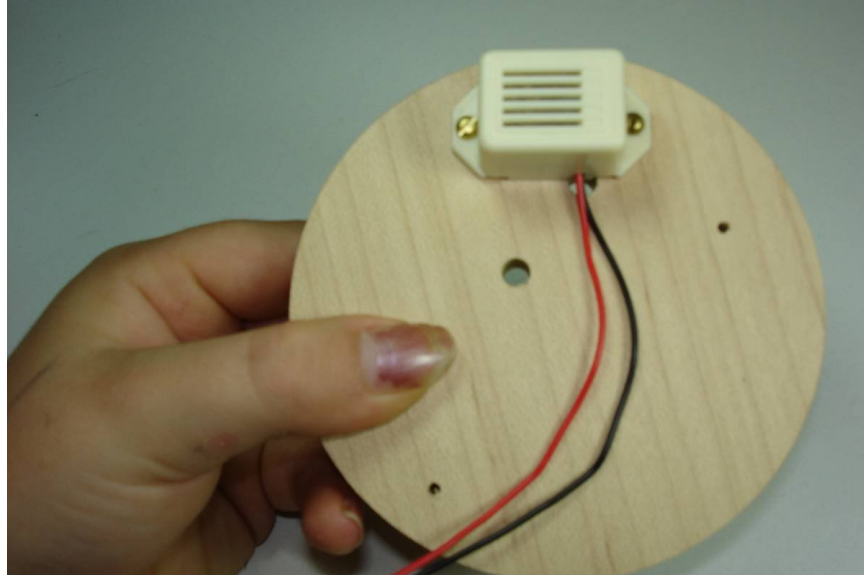
It should look like this...



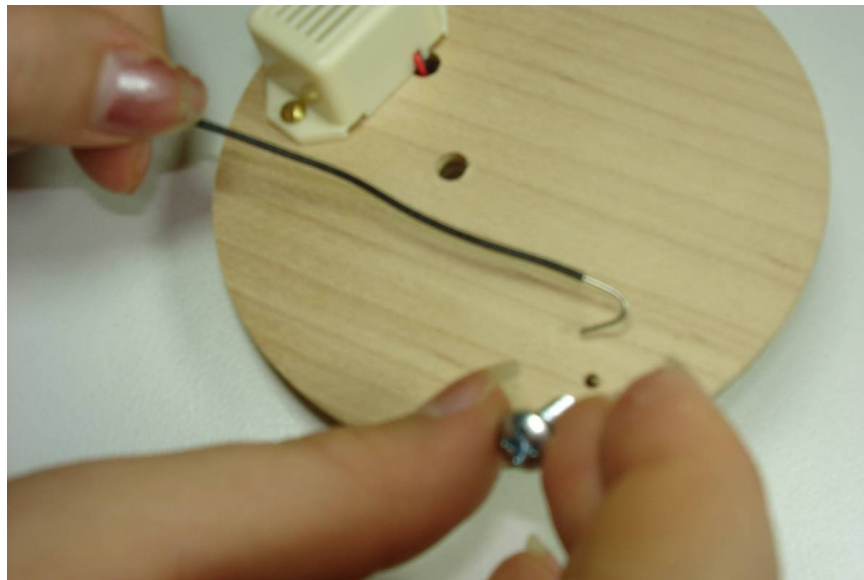
Locate the 2 holes for the buzzer on the top side of the board.



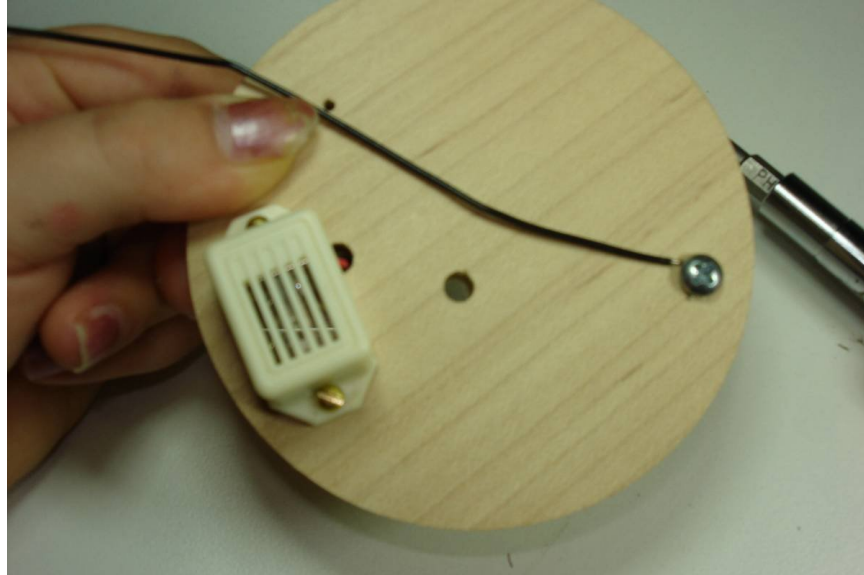
Mount the buzzer using the 2 tiny screws.



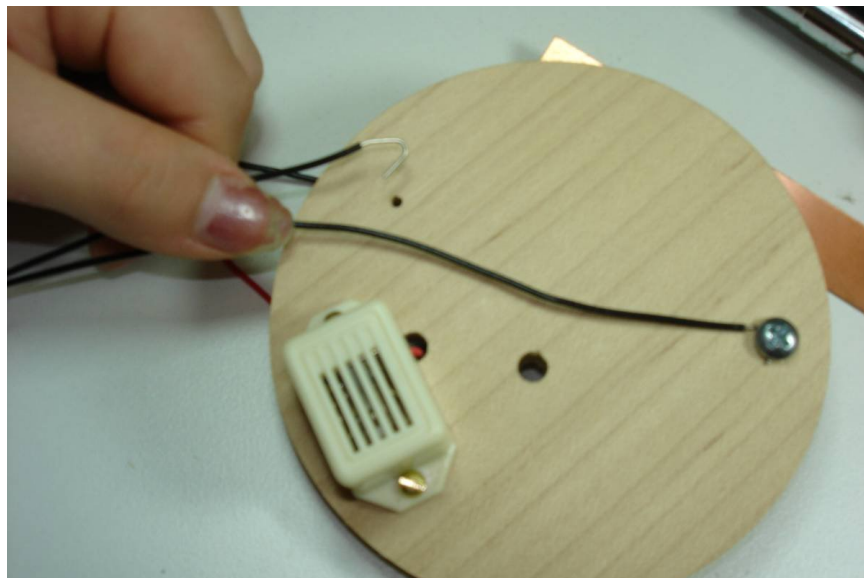
The buzzer should look like this.
Thread the 2 buzzer wires down through the hole right next to the buzzer as seen in the next picture.



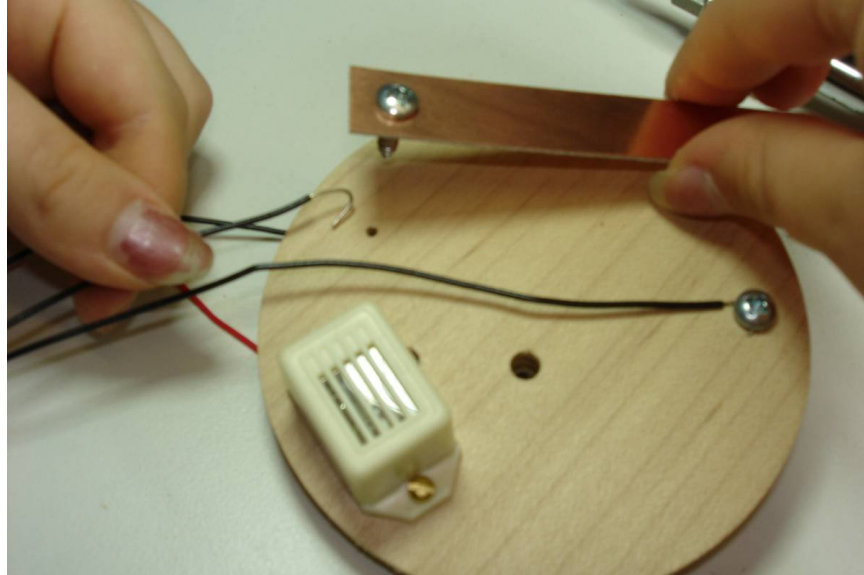
Put a 'hook' in one of the pieces of wire. Screw it down onto the board using one of the larger screws.



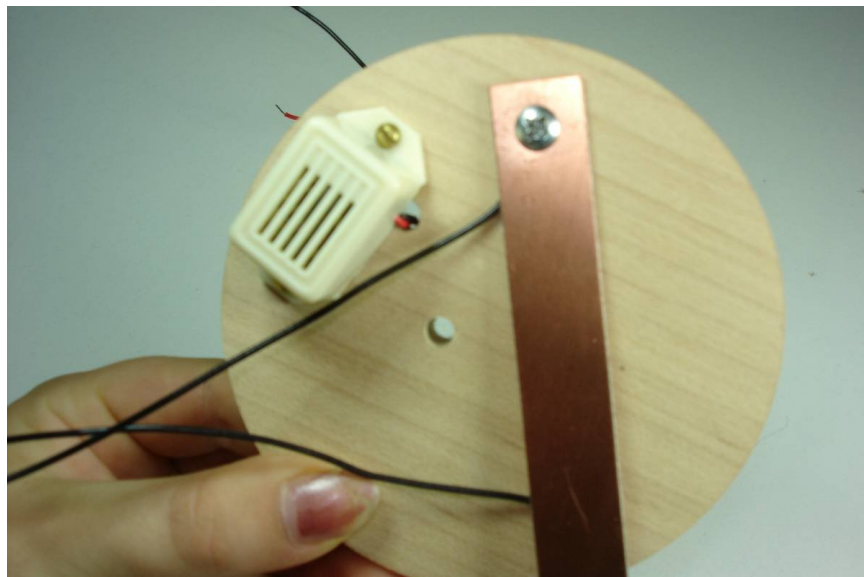
The wire should now look like this.



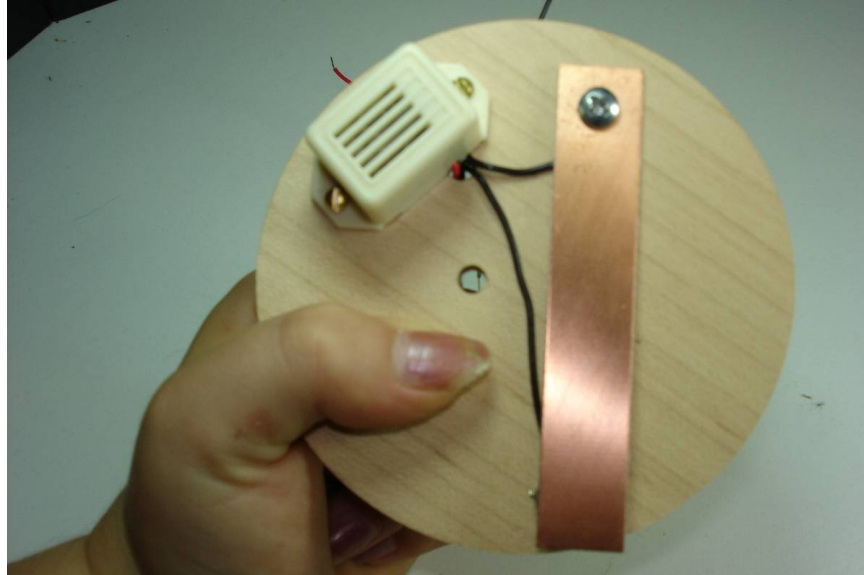
Form a 'hook' on the end of the second wire.



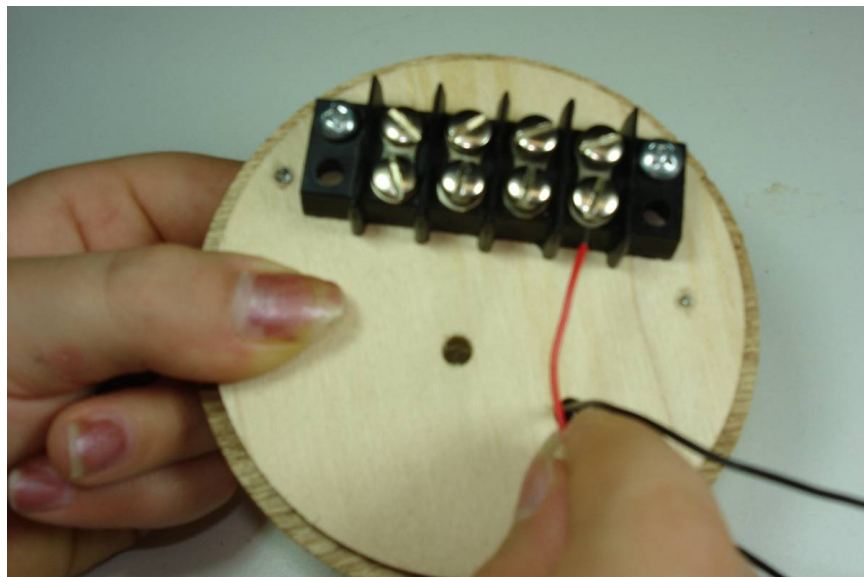
Put a screw through the hole on the metal strip and then screw it down onto the board with the wire hooked around the screw underneath the strip.



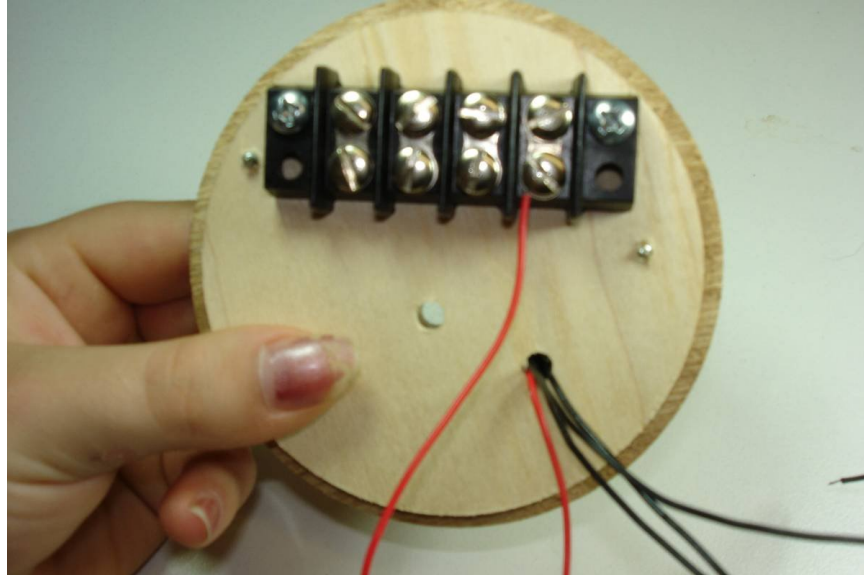
The top of the board should now look like this.



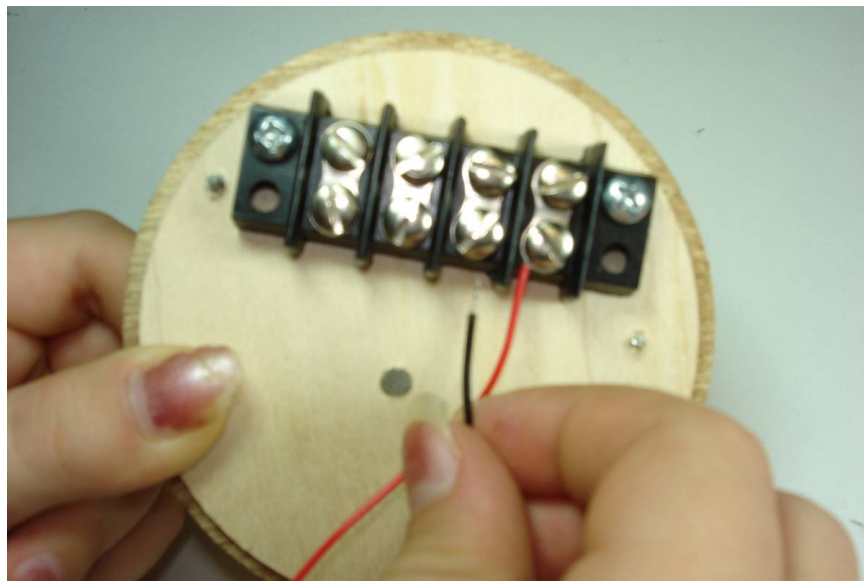
Now thread these 2 wires down through the hole next to the buzzer. Make sure that the lower wire runs by the second hole.



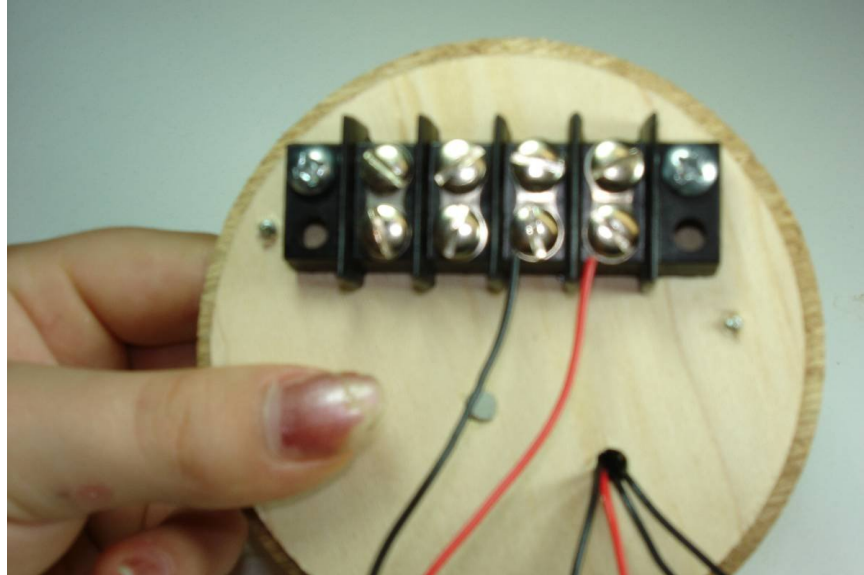
Attach the RED wire from the buzzer to the right hand screw on the terminal block.



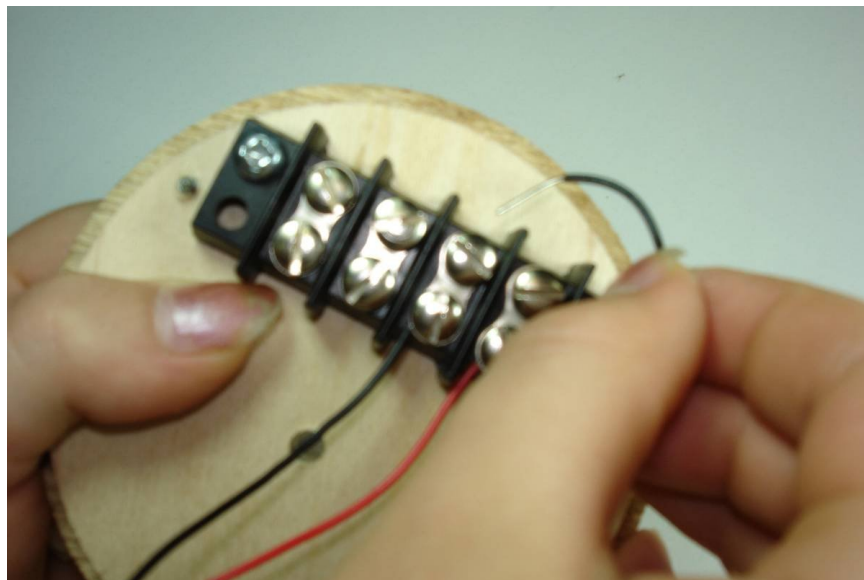
The bottom side wiring should now look like this.



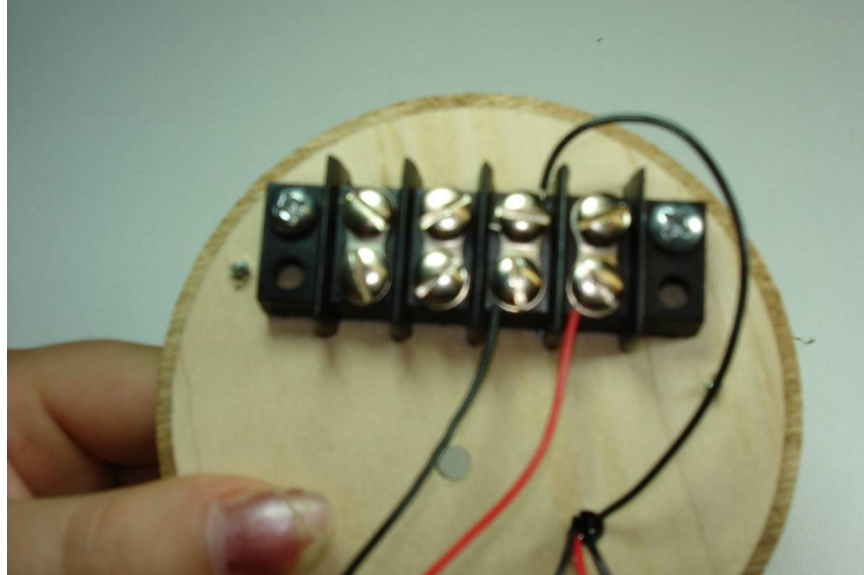
Attach the **BLACK** buzzer wire to the terminal screw right next to the red buzzer wire.



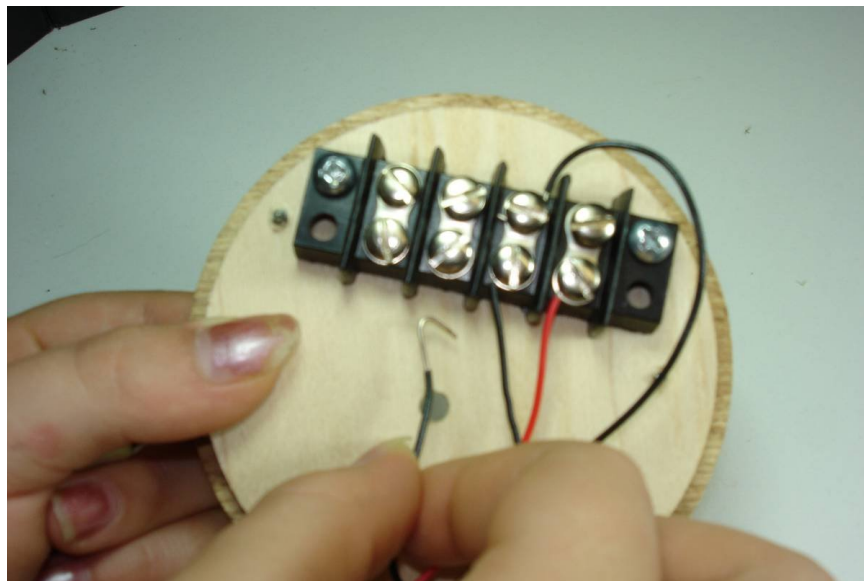
This is how it should look now.



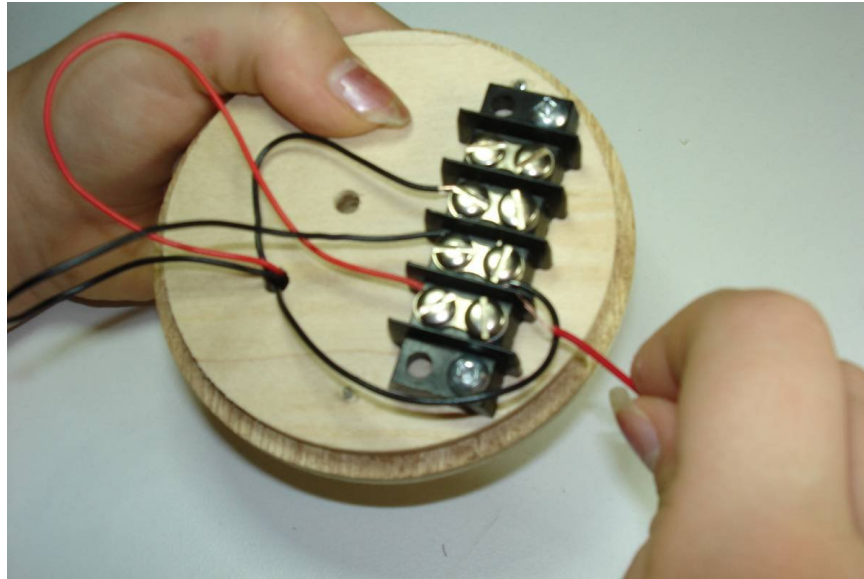
Now loop one of the wires from one of the screws on either end of the metal strip on the top side and attach it to the terminal block using the screw directly opposite the BLACK buzzer wire.



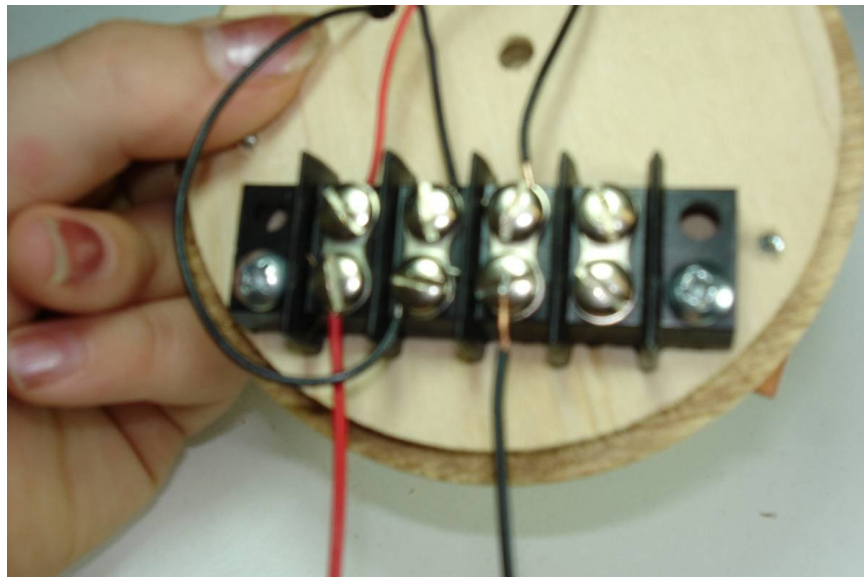
The bottom side should look like this.



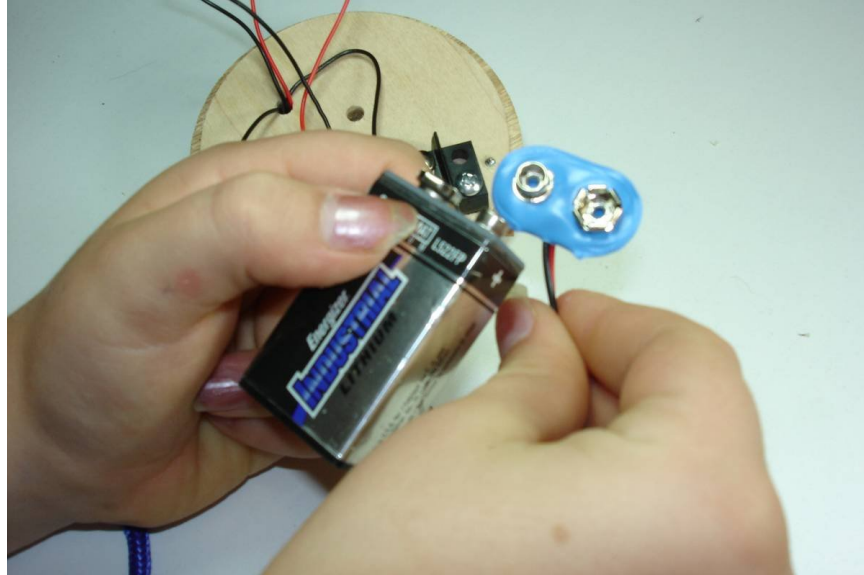
Now attach the other wire from a screw on the top side metal strip to the terminal block screw right next to the **BLACK** buzzer wire. Again, it is better to make a little 'hook' in the wire to hold it around the screw when you tighten it down.



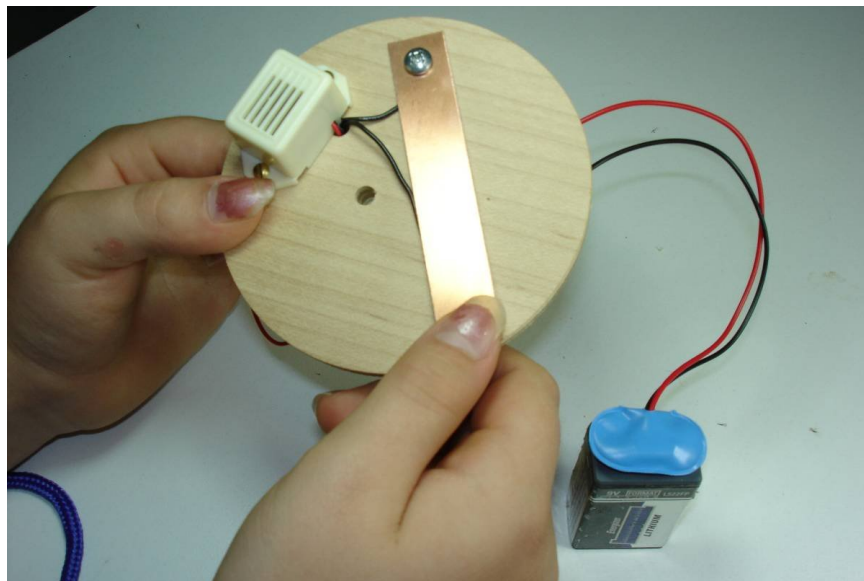
Now attach the RED wire from the battery clip to the terminal block screw directly opposite the RED buzzer wire.



And the BLACK battery clip wire attaches 2 screws over and directly opposite the second metal strip wire.



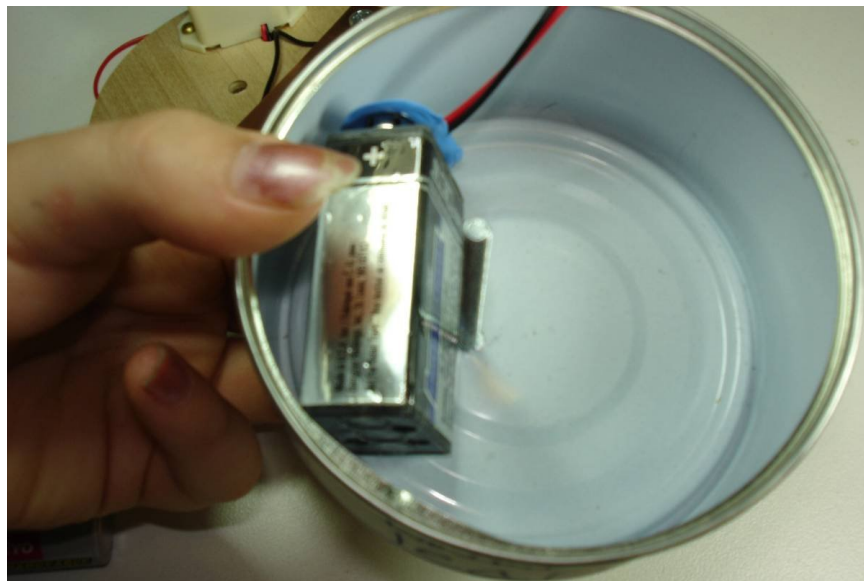
Insert a battery into the battery clip.



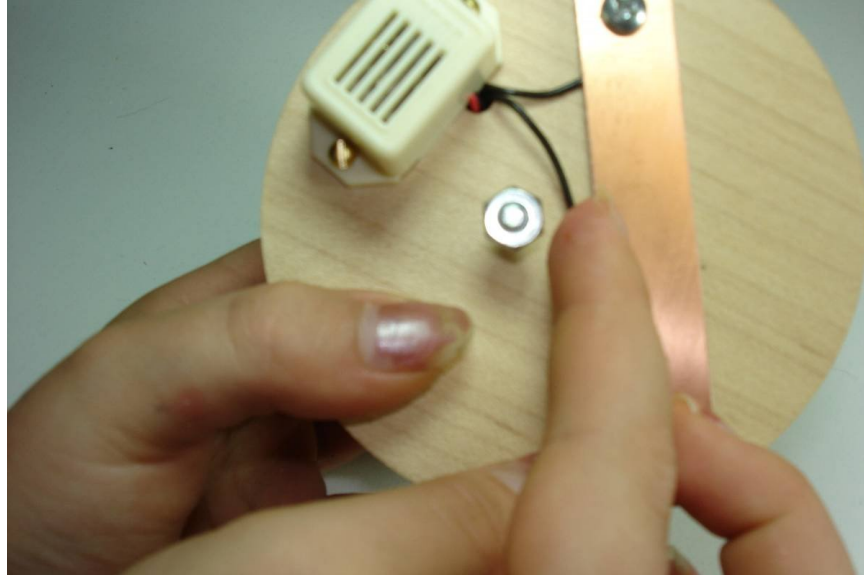
And now you can test the circuit to check if the buzzer sounds when you press down on the metal strip. If the buzzer is ALWAYS sounding, bend the metal strip up a little until it doesn't touch the screw underneath it. Then press the metal strip down and test the 'key' action.



Insert the bolt into the hole in the bottom of the can.



Place the battery inside the can and in the smaller area to one side of the bolt.



Now place the cover on the can, with the bolt coming out of the other large hole, and carefully stuff all the loose wires down inside the can.



Tighten the nut down on the bolt to hold the wooden board securely on the can... and your kit is finished!



And here we have a happy Kid's Kit builder!