

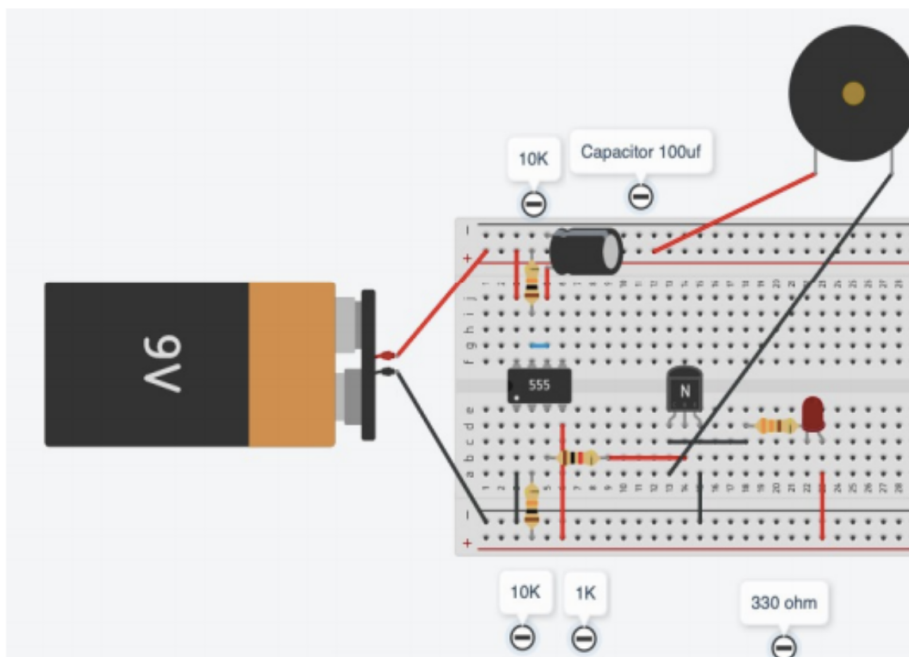
9DGT

Design and Make a Steady Hand Game Using 555 Timer and other electronic components

Components needed

Component name	Quantity
555 Timer	1
9V battery with holder	1
100 microfarad capacitor	1
100K Ω Resistor	2
1K Ω Resistor	1
330 Ω Resistor	1
Transistor NPN	1
LED Light	1
Buzzer	1
Copper Tape	As required
Toggle Switch	1
Wires	As required

Circuit Diagram:



Making the Steady Hand Game:

1- Select an Image/theme of your preference from Google Images.

Example: (this is just an example photo and you can choose your own one)



2- Resize the image to **L= 210mm** and **Width= 150mm**.

3- Print the image in colour

4- Laminate the coloured face of the image leaving the back delaminated by using 2 papers opposite to each others.

5- Glue the coloured laminated image to the A5 size mdf wood and decide where to drill the hole for the LED light.

6- On the back of the mdf wood construct the steady hand game electric circuit using the components in the table and the circuit diagram shown above.

7- Connect the switch, battery and handle.

8- Play.

