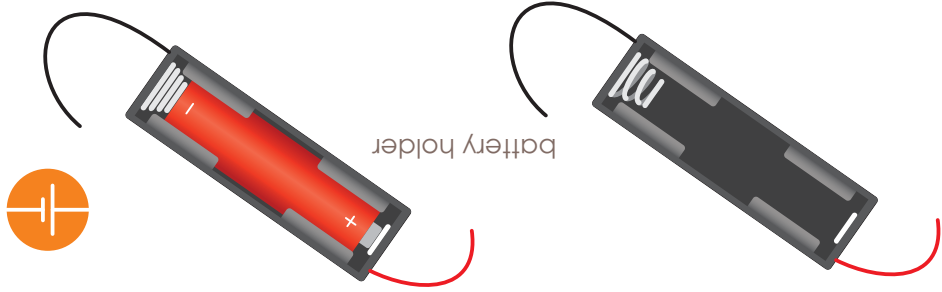


You have to take note of the + and - signs indicated on the batteries. They show the direction of flow of current



To make connection to your battery, press the negative (flat) end of the battery against the spring and push down until the battery fits snugly inside the battery case as shown below.

## Assemble Your First Circuit!

Scan here for video tutorials



many more exciting activities await you!

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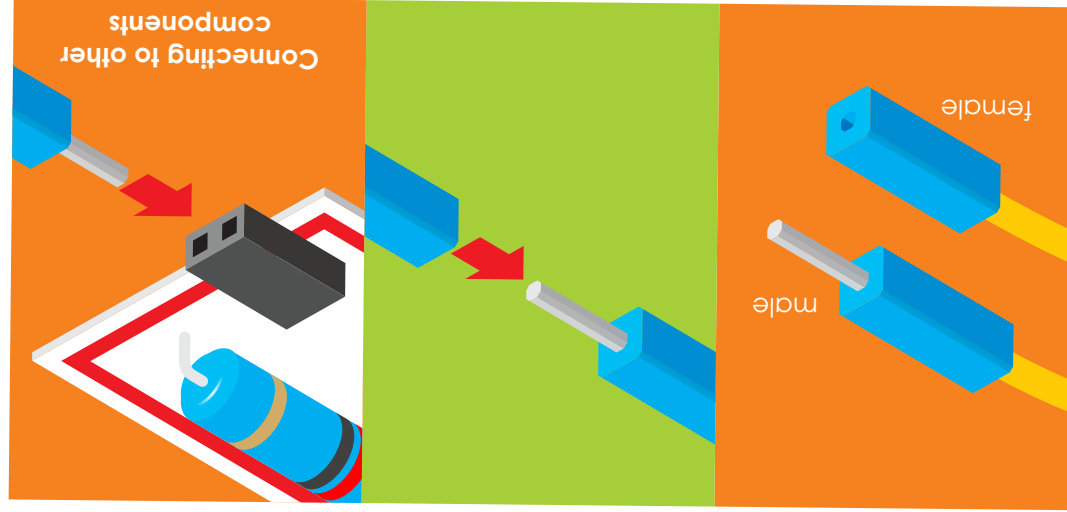


HELLO  
Future  
Engineer,

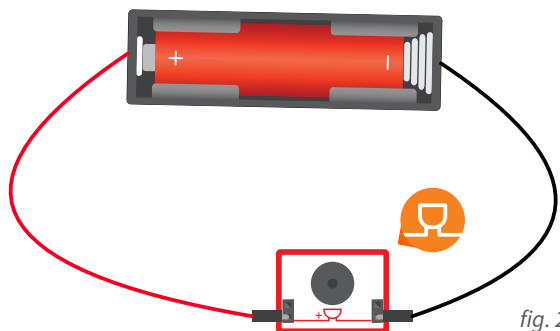
## Making Connections

Connections are made easily using the attachments on your connecting wires. Connecting wires come in male and female wires

All connections are made by gently pushing the cable into the leads on the component that you want to connect to



Lets build your first circuit! Simply reproduce the setup in *fig.2* using the components from your set. Take note of all the '+' and '-' symbol and how they are connected

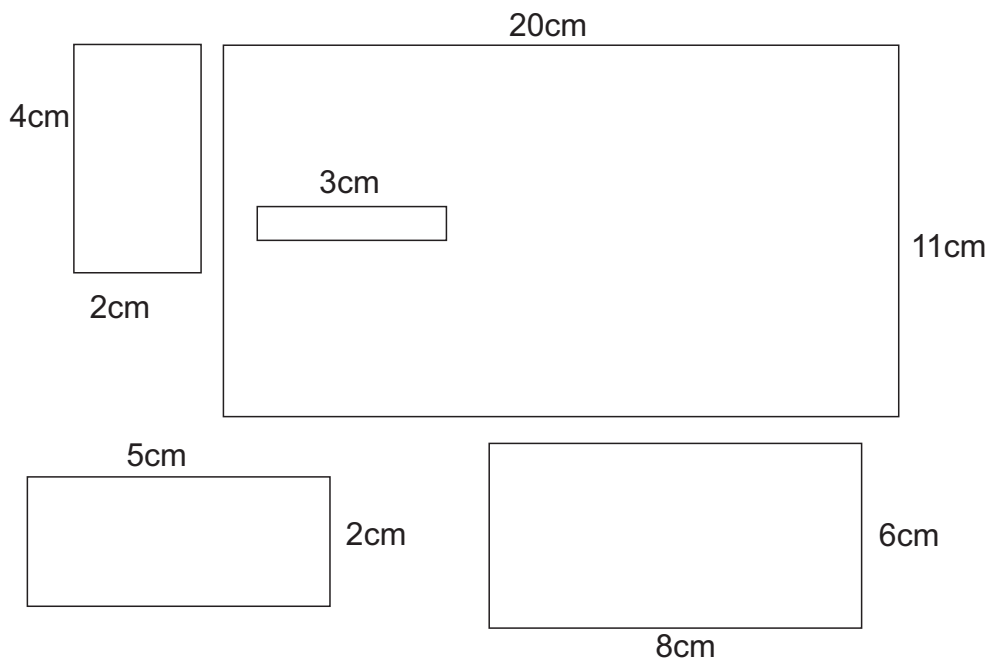


Your buzzer should produce **SOUND!**

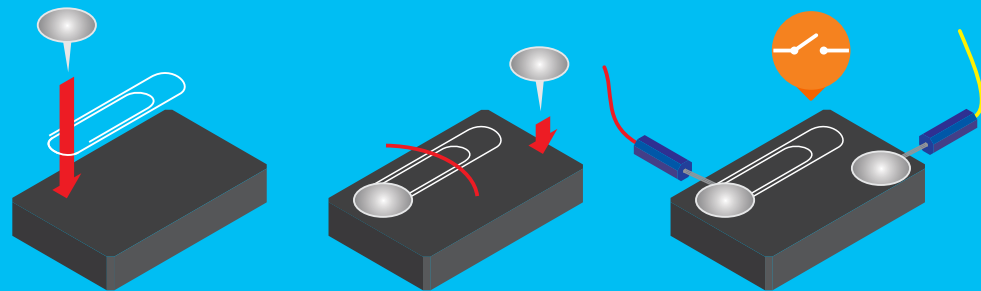
Good! Now that you built a circuit lets go ahead and learn all about it!

4

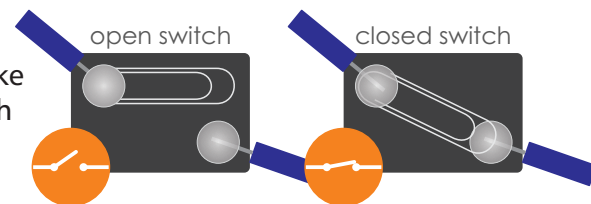
Template for Security System (refer to video tutorials for more details)



In order to open and close our circuit without disconnecting wires, we will need a switch



Connect the switch into your circuit. The buzzer should make a sound when close the switch and stop when the switch is



Now that we have a switch, what would the circuit diagram look like?



Can you figure out the robot assembly ?

You can also refer to the video tutorial for step by step instruction