

Sample flow chart:

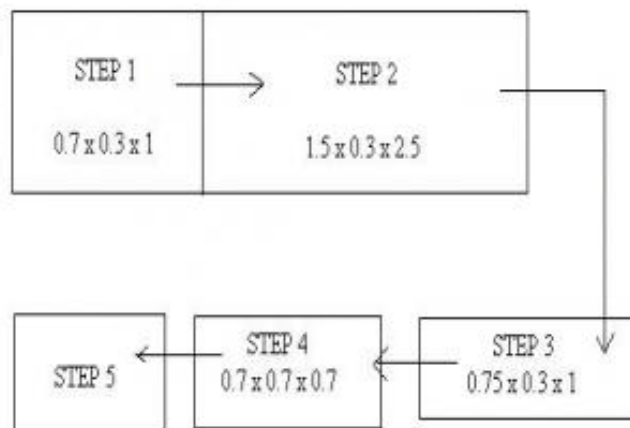
Aim

To light a bulb

Materials Required

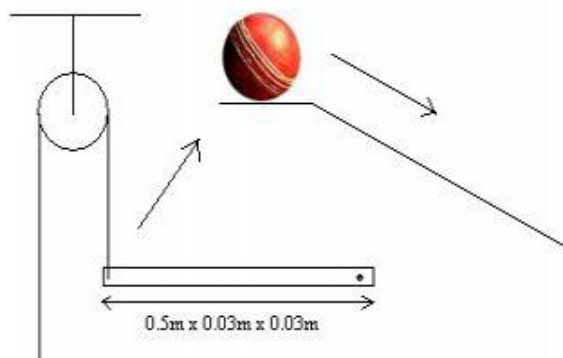
Strings, Pulley, Rod/Bar ,Ball, Flat strips of wood/thermocol, Remote controlled toy car, Bottle with water, Bucket, Wires, Aluminium foil, Thermocol, Fevicol, Tape, Soldering material, etc.

Plane Top view



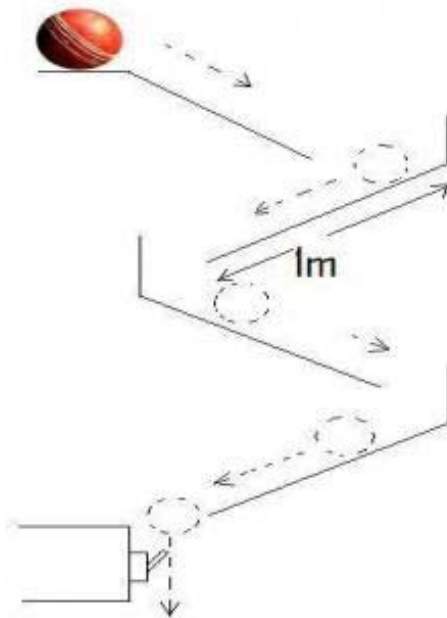
Step 1 : Description

We pull a string which is attached to a hinged bar. The bar rotates and hits a ball.



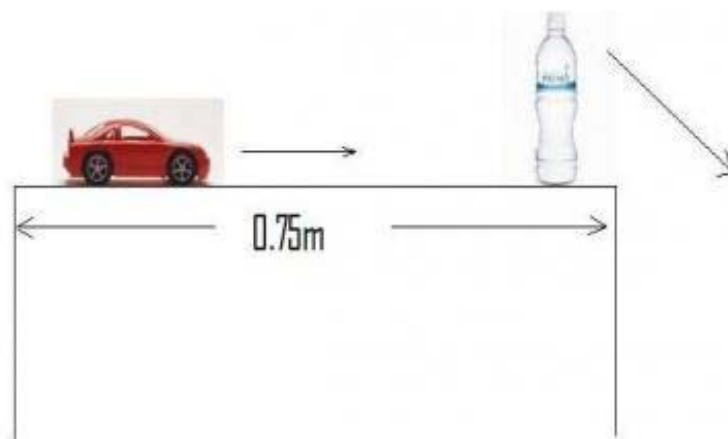
Step 2 : Description

The ball falls through a zigzag path and hits a remote control



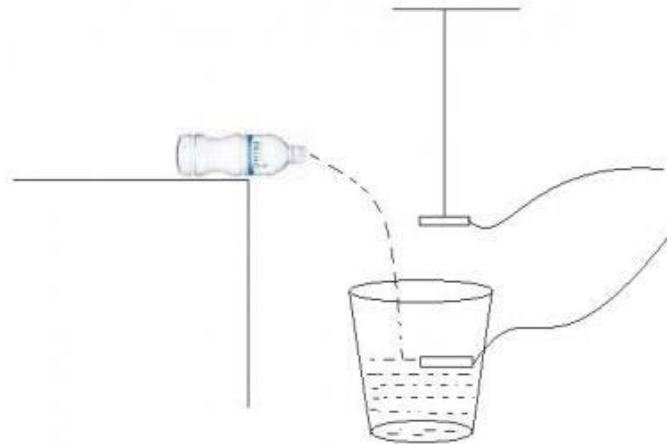
Step 3 : Description

The remote control activates a car which moves to hit a bottle of water.



Step 4 : Description

As the bottle falls, the water spills out and falls into a bucket.



Step 5 : Description

A thermocol piece rises along with the water and as soon as it touches its counterpart, the circuit is completed through the aluminium foil on the surface of the thermocol and the bulb glows.

