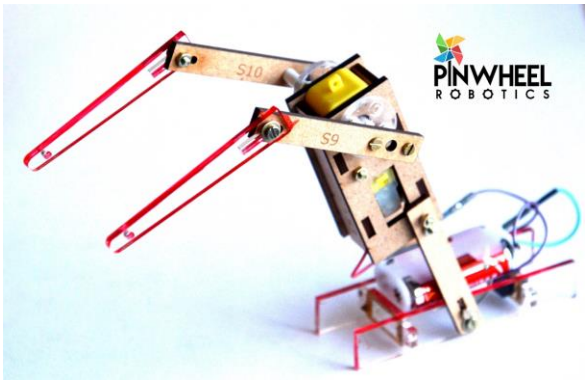
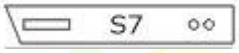
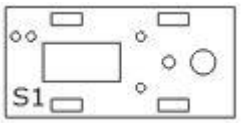
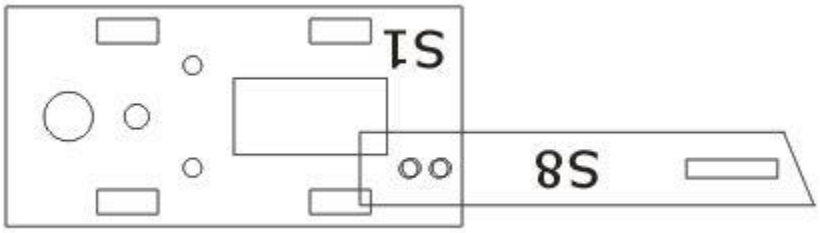
BUILDING INSTRUCTIONS FOR SKIING ROBOT (PWP001_S)



Precaution: Don't use excessive force as this may break the parts. Be gentle and patient while building.

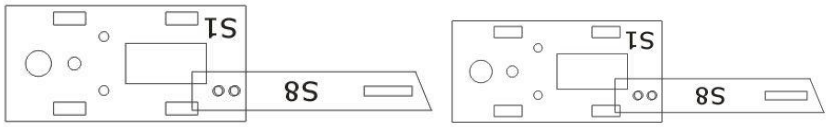
Step 1: Attach (Leg)  to the (body)  Part using 8 mm size nut & bolt as is shown below.



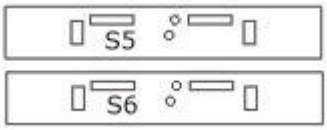
Do same with the other part.

Step 2: Connect Motor with the body of Robot

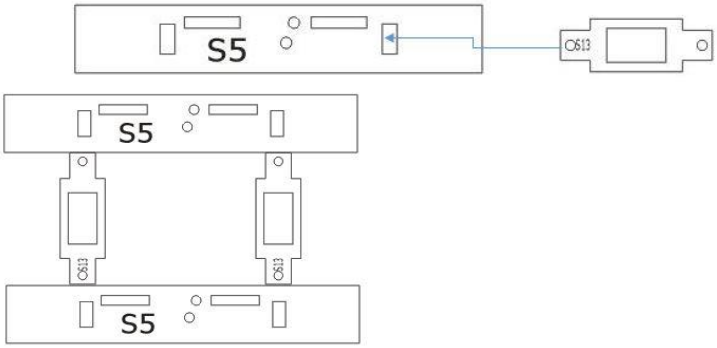
a) Take a DC Motor and below Parts



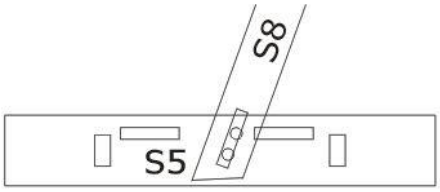
b) Tighten the Motor with body using 30 mm length Nut & Bolts.

Step 3: Insert  into 

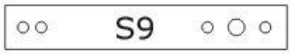
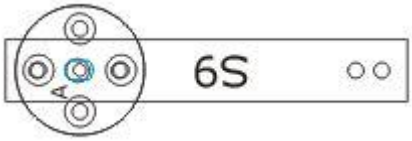
. Reference image below.

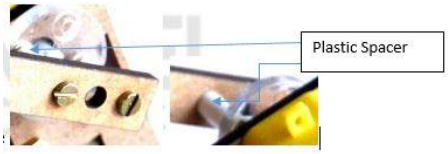


Step 4: Attach the above part in step 3 to the body of Robot as in Step 2 using Nut and Bolts .Reference image below

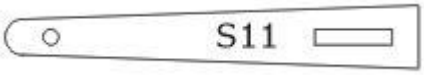


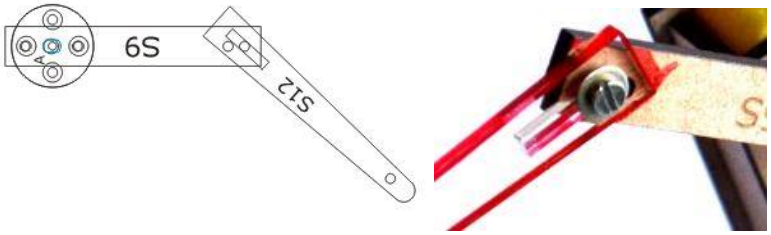
Step 5: Creating Hand Attachment.

a) Using 25 mm size nut and bolts and plastic spacer connect  and  as  . For Reference



b) Attach the above part to the motor shaft using screws.

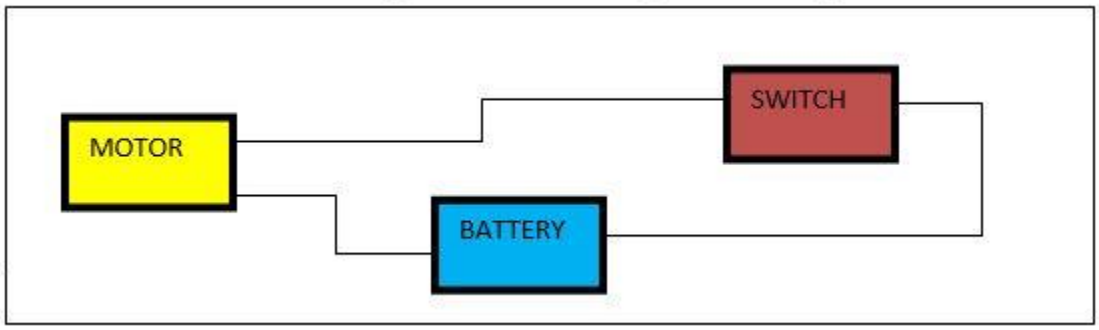
c) Attach  to the above part as in the reference image using 8 mm nut and bolt and metal washer.The rectangular slot will to the circular hole so that the hand length can be adjusted .



Step 6: Attach the switch to the 

Step 7: Attach the Battery holder at the leg of Robot using Velcro / Glue Gun / Double-sided tape.

Step 8: Make connection as in the connection diagram.



Step 11: Turn on the switch and see if hands are moving in correct direction, reverse the battery polarity if it is moving in opposite direction.

Step 12: Adjust the length of the hand such that it can give lift to the robot like skiing. Make sure both hands are equal length and in same angle as shown in the product image.

Step 13: At the wire joints use tape to cover the exposed wire.