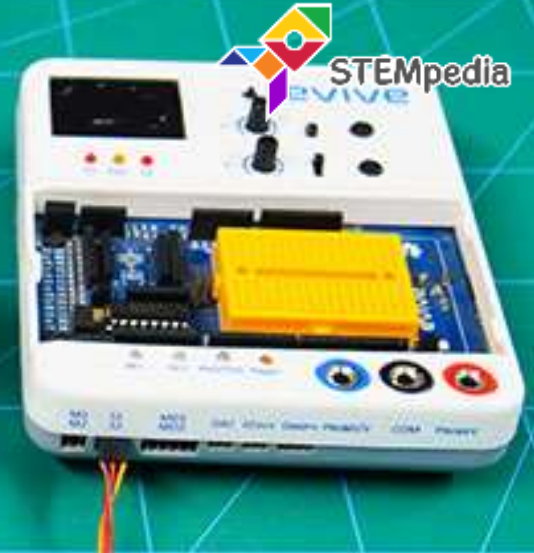


Activity

DIY Goggles



In this activity, you will make a goggles which can open or close the shades using servo motor.

COMPONENTS

Cardboard sheet, Drinking straws, Servo Motor and evive.

STEP-BY-STEP

1. Cut the various pieces of the particular dimensions from the cardboard sheet.
2. Cut a small piece of straw of 2cm length.
3. Now, take one Part A and cut it in the shape of goggles.
4. Then, take part D and paste it on one side. Next, take a small piece of straw and paste it on the other side.

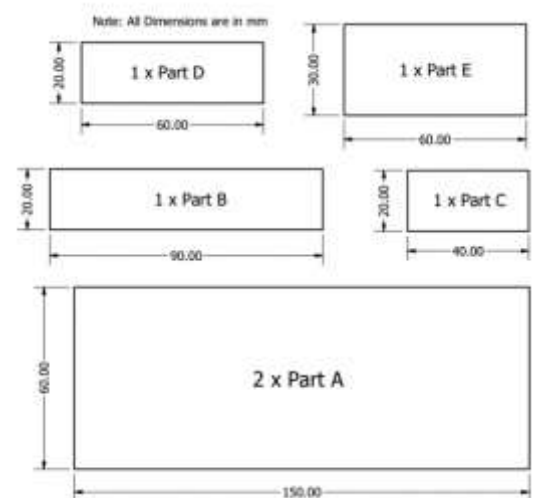


STEP 4

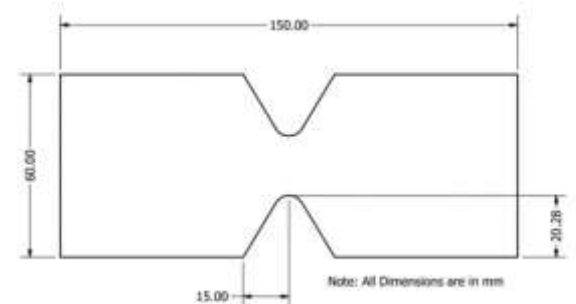
5. Next, cut holes in the second Part A.
6. Then take the smallest cut out, i.e. Part C and paste it on one of the sides of Part A with holes cut in it.



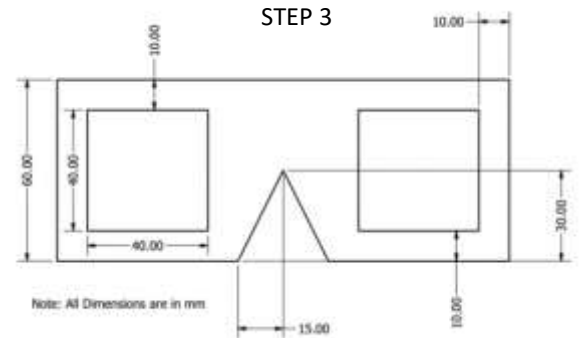
STEP 6



STEP 1



STEP 3



STEP 5



7. Take two straws and paste them on both the sides of the Part A with hole cut-outs.
8. Then, take Part B and wrap it around the servo and paste the two ends with glue.
9. Then, take the single sided servo horn and fix it on the servo head.
10. Next, take Part E piece and make a small hole in it. Then, paste the servo and Part E piece on the larger piece with holes cut out.
11. Finally, join the both Part A by fixing the small straw in the hole and insert the servo horn the Part D of the sunglasses and fix the assemblies using hot glue.
12. Connect the servo motor channel S1. Make sure that the brown wire is connected to the leftmost pin.



13. Next, let the artist in you come alive and decorate the goggles any way you like! Next, let the artist in you come alive and decorate the goggles any way you like!
14. Now, switch evive ON, navigate through the controls menu and select Servo 1. Now, turn the potentiometer knob and watch the goggles do their magic!

