Worm
Robot Kit

Batteries
NOT
included

AA AA

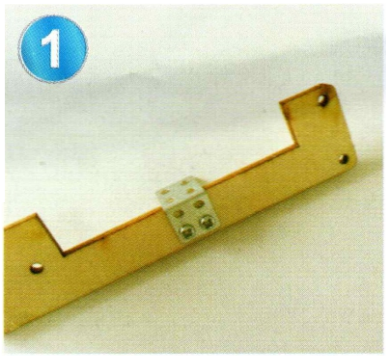
level

DIY Worm Robot Kit

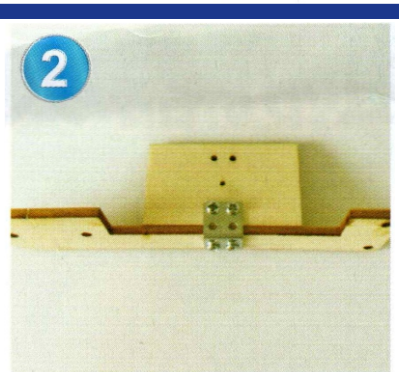
Scientific STEM Project Kit: A beautiful STEM project kit for kids 8 years and older. When you're assembling the robot, you can learn the basic principles of simple circuits, motors, mechanicals, and engineering, further improve the kids learning of circuits and science, and inspire their curiosity and creativity.

HANDS-ON STEM Great opportunity for children to get to know the world of electronic toys- In the end, they really build their own robots! Encourage Kids to develop their creativity and imagination- Teach them problem-solving, fine motor skills, and independent thinking in a unique and fun way with this STEM learning toys set. Fun in class or with family- Enrich young minds in learning scientific principles, whether it's with their classmates or during family bonding time.

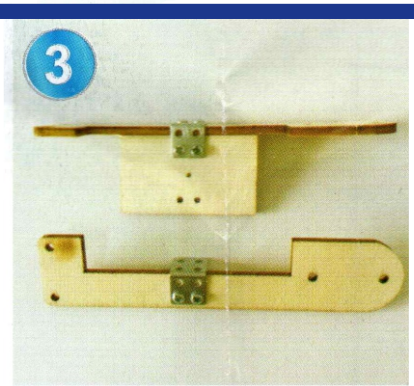
No 1 - 7 wooden parts
2 x yellow wheels
4 x wheels
1 x motor
1 x battery holder
1 x 7cm shaft
1 x 4 cm shaft
2 x 5 cm shaft
2 x angle iron
bushes
2 x rubber bands
screws and a screw driver



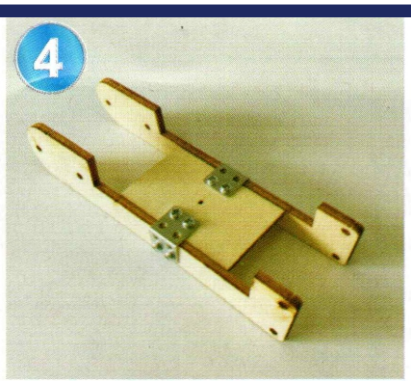
Step 1: Take the no 1 piece and the angle iron, and use the two smallest screw, as shown in the figure.



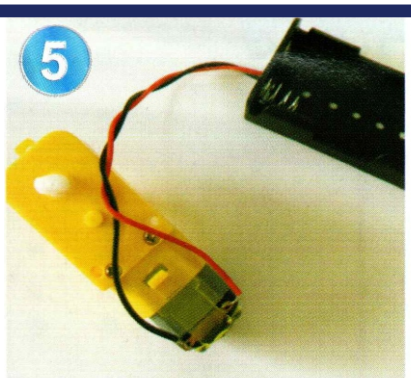
Step 2: Take the 2nd piece and use the two smallest screws fasten with nails, as shown in the figure.



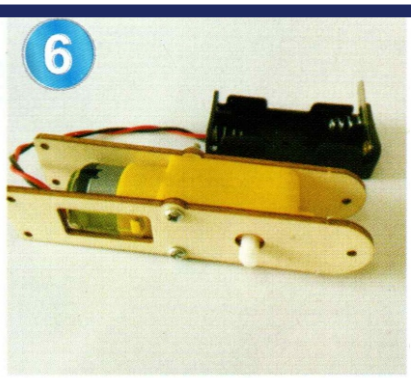
Step 3: Take the 3 piece and the angle iron, and fasten it with two small screw, as shown in the figure.



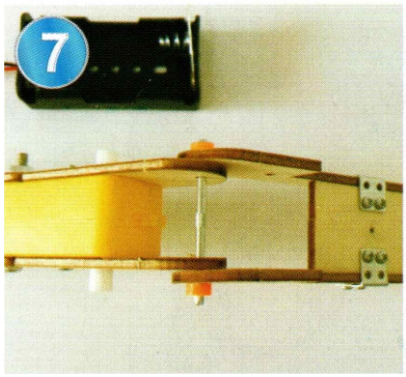
Step 4: Fix the no 3 and no 2 parts with the smallest screws, as shown in the figure.



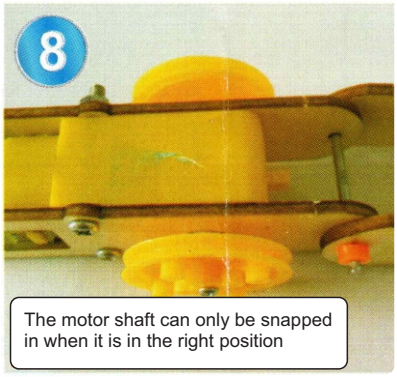
Step 5: Tighten the red and black wires of the battery box respectively on the two wiring contacts of the motor, as shown in the figure.



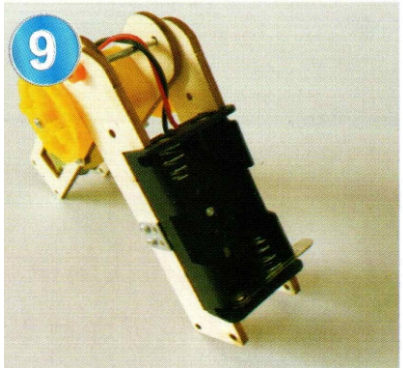
Step 6: Take the No. 4/5 part and fasten it with the motor with the screw nut, as shown in the figure.



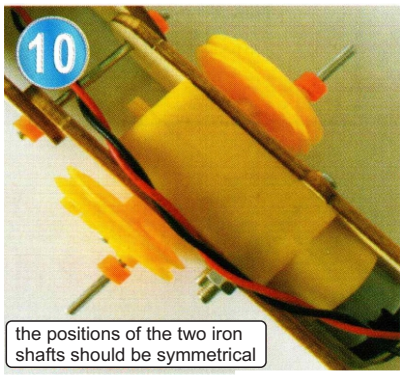
Step 7: Take a 4cm long iron shaft and two bushings, connect pieces 1-5, as shown in the figure



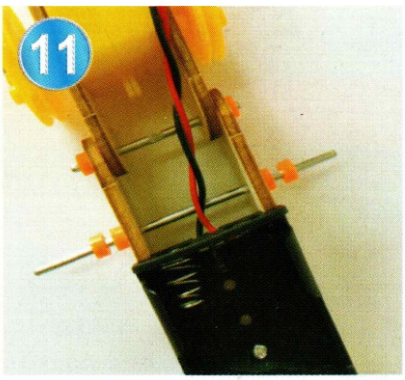
Step 8: Insert the two yellow wheels into the motor shaft respectively, and fix them with screws, as shown in the figure



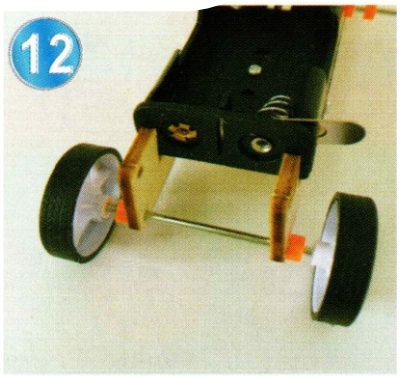
Step 9: Insert the battery box into the card slot of No. 1/2 piece, as shown in the figure. Note: If the battery box is not tight, add screws to fix it



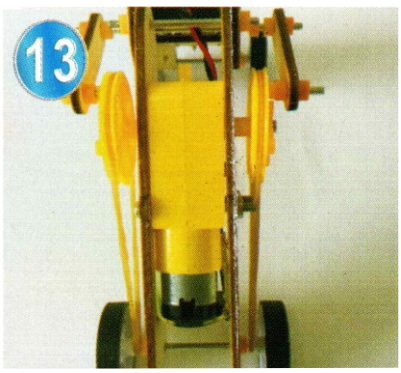
Step 10: Take 1.5cm long iron shaft and install them separately on the yellow wheel, install two bushings respectively, as the picture shows.



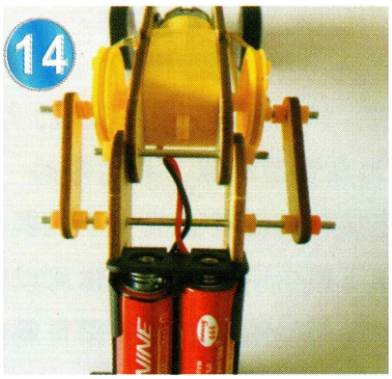
Step 11: Take 7 cm long iron shaft and 4 shaft sleeves Installed on the 1/2 piece, as shown in the picture



Step 12: Take 5 cm long iron shaft and two wheels. The sub is installed on the 1/2 piece. as the picture shows



Step 13: Take a 5 cm long iron shaft and add two wheels



Step 14: Take part 6/7 and 4 bushings, divide into two bushings, and two rubber bands and install them as shown in the picture

Step 15:. Install two AA batteries and the production is complete.

Close the switch of the battery box to move.