

Wooden Smart Walking Robot





DIY Wooden Smart Walking Robot

Delight your inner inventor with this Smart Walking Robot Kit!

Assemble your very own robot that can walk and be controlled with the remote control included. Made of wood, it is both sturdy and light. At 60mm wide and 155mm tall, it's small enough to fit in the palm of your hand, yet powerful enough to provide hours of entertainment.

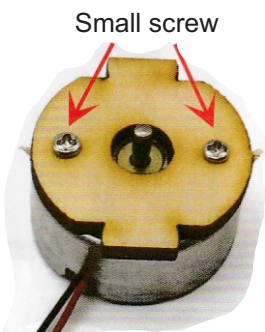
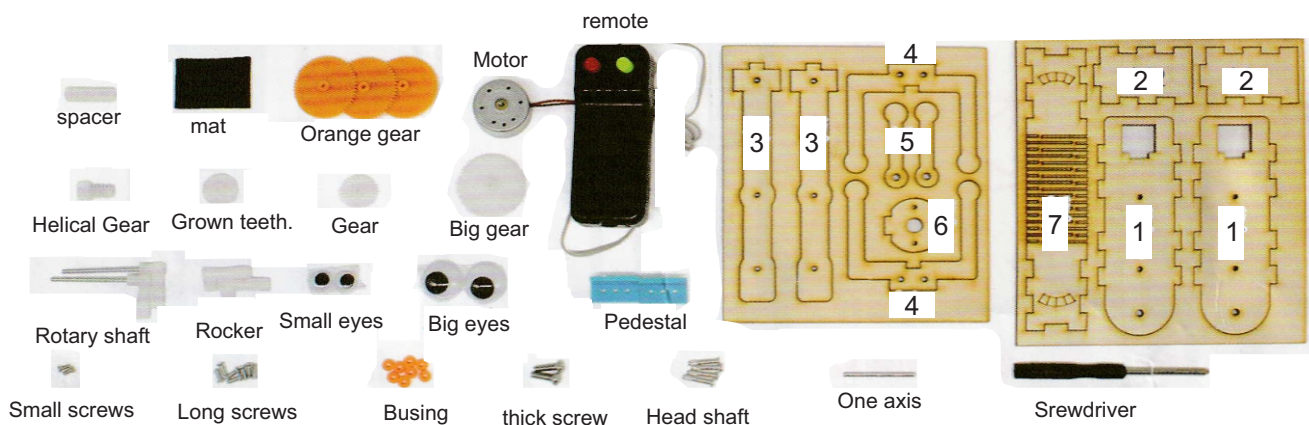
A fun little and educational electronics project!

Precautions:

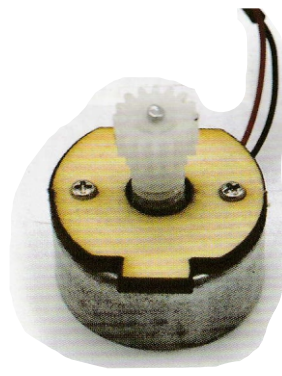
1. This robot needs to be equipped with two 1.5 V Batteries. (please remove the batteries when not in use)
2. When installing the bushing, keep a gap of 1-1.5mm between the bushing and the board.
3. When installing the crank, you need to press slowly and firmly. Pay attention to safety!

Tips: During the installation process, you can refer to the following steps. You can see more comprehensively, and the installation is not easy to make mistakes.

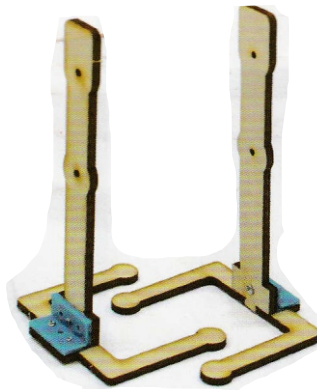
Please note: Batteries not included in this kit.



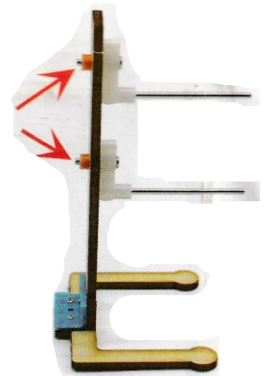
1. A small screw secures the motor to board 6.



2. The helical gear is pressed into the motor shaft.



3. Long screw and pedestal fixing plate 3 and plate 4



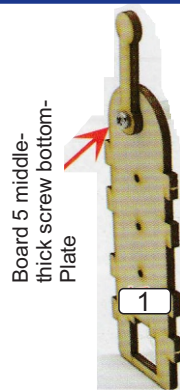
4. Heading shaft and bushing fixed to plate 3.

5



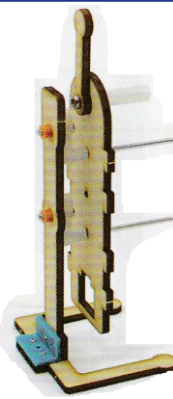
5. Heading shaft and bushing are fixed and the rocker is connected to another board 3.

6



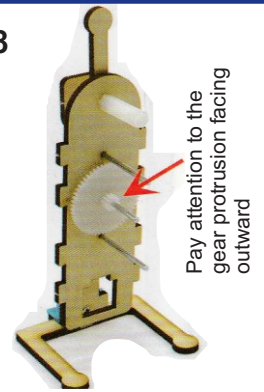
6. Thick screw secure plate 5 and plate 1 to spacer posts.

7



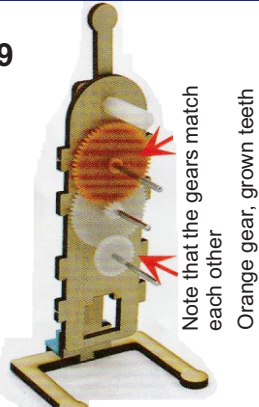
7. Inserted into the rocker shaft in the previous step.

8



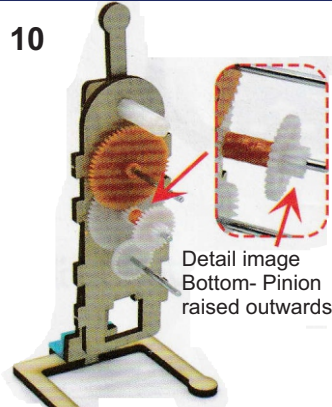
8. The shaft penetrates into the shy gear, and then penetrates into the middle hole of plate 1.

9



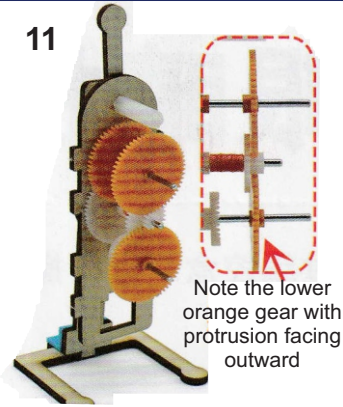
9. The orange gear and the crown teeth are inserted into the rocker shaft respectively.

10



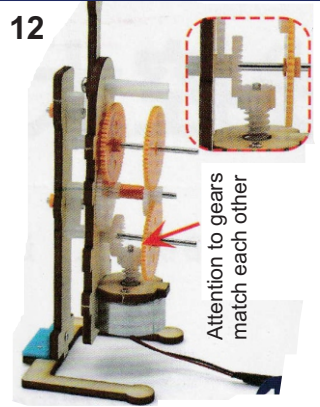
10. Install 3 shaft sleeves and put on the pinion.

11



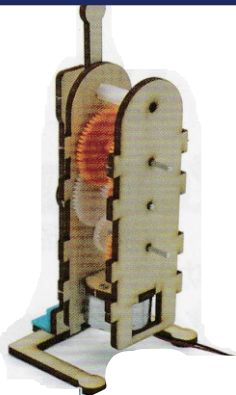
11. Rocker shafts are installed separately on the orange gear.

12



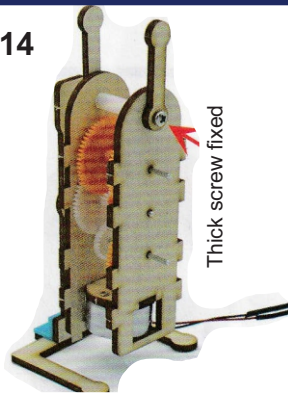
12. Snap step 2.

13



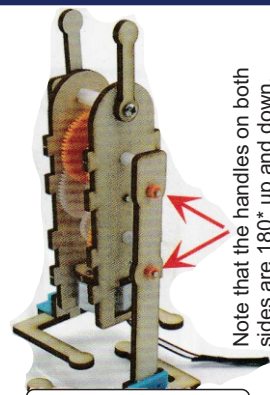
13. Install another board 1.

14



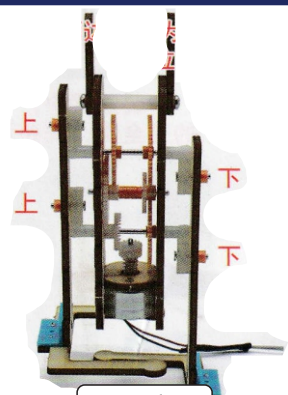
14. Fix plate 5 and plate 1 to the spacer.

15



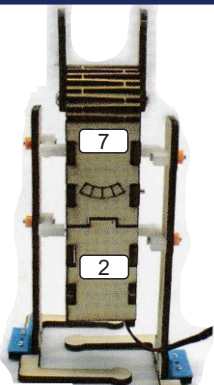
1 staggered positions

15. It is easier to enter the shaft by pressing the rocker handles on both sides of the plate 3 at the same time. Insert the rocker handle in step 5 into the leaked rocker shaft.



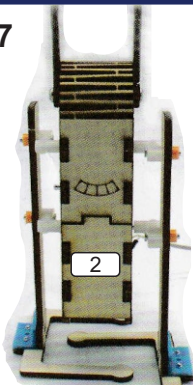
superior

16



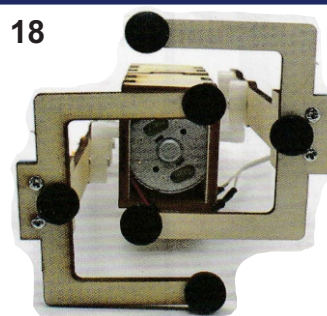
16. Separate plate 2 and plate 7 snap to board 1

17



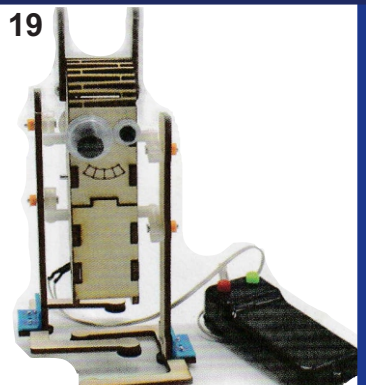
17. Then snap another board 2

18



18. Past the foot pad.

19



19. Paste the big and small eyes to the front and back two sides and it's done.