ASSEMBLY PROCESS:
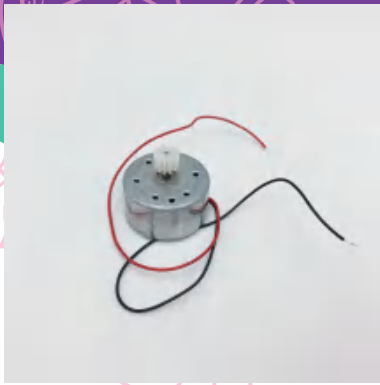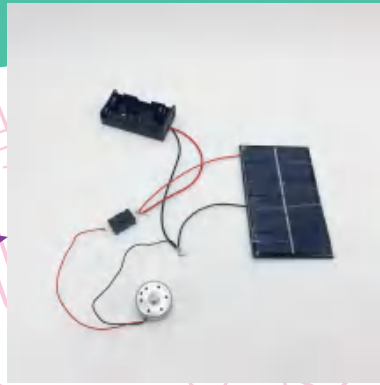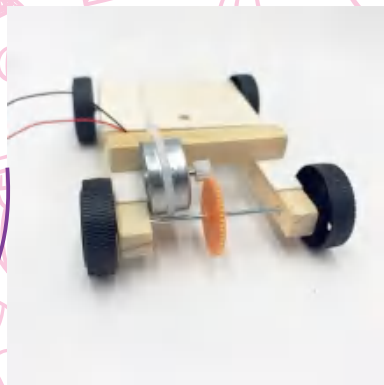

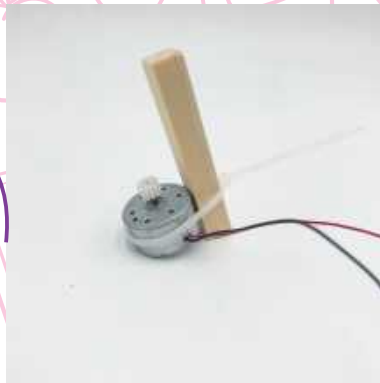Assemble 8 to 9 put the gear on the table and press the motor onto the gear

Connect the wire as the picture shows use 7 to protect the bare wire.

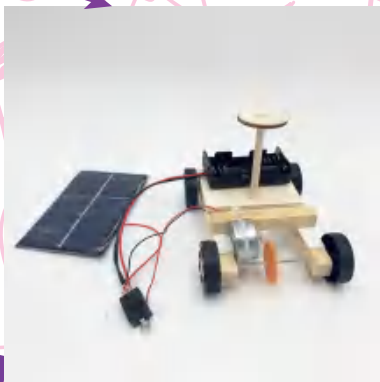use white glue to paste 2 and 3.the hole in 3 is not in the middle.let the narrow side paste to 2

Assemble step 5 to step 4.adjust the position of the big gear and use white glue to paste them.the two gear can not be so tight in case of run not smoothly.
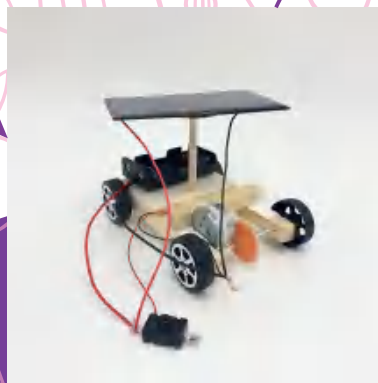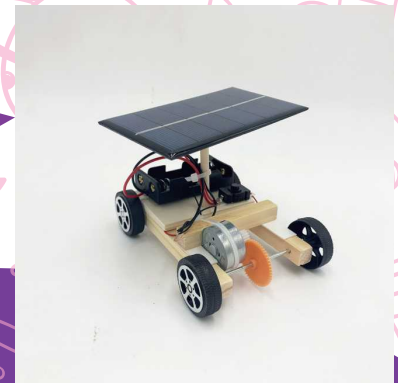

paste the motor to 4 and fasten with 6

Assemble the 11,12 and 13 as the picture shows.

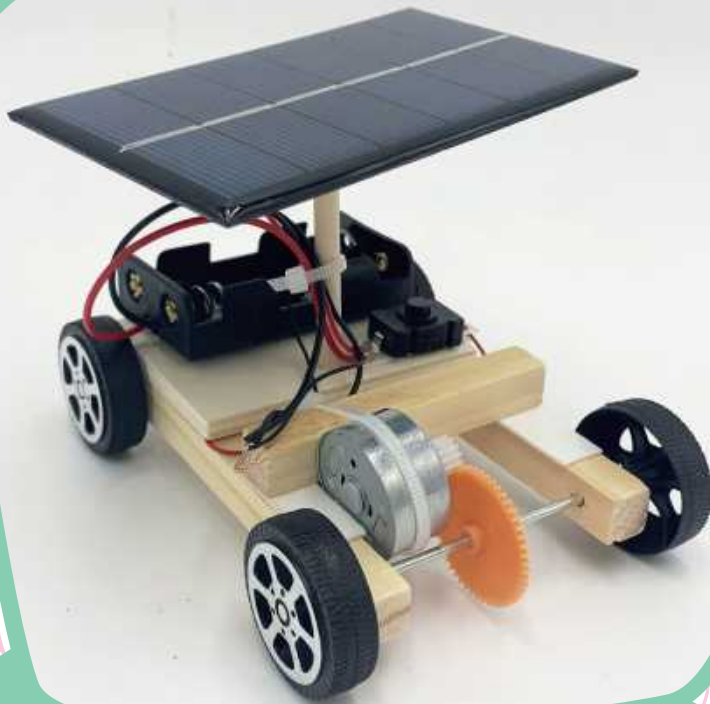Paste 15 to the body.use white glue to fasten the 5 and 14.put a tape

Fasten 1 to 14

Use 6 to fasten the wire and cut off the redundant cable tie.

Finished

NOTES:

1.When assembling the wood accessories, it needs to press them together slowly and firmly.
2.If the accessories are not firmly assembled, can stick them with glue.
3.You can prepare a scissor to cut the cable tie.
4.The solar car can work well under the shining of sun and the proper temperature is 15℃ or above.
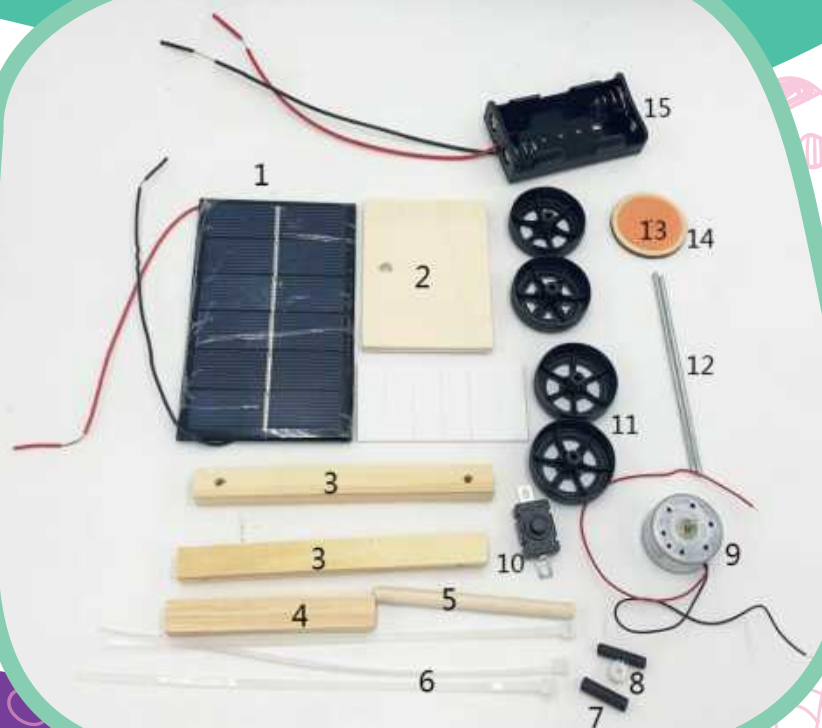
SOLAR CAR

Experimental principle：

Solar energy and wind energy are the most cleanest energy in the world. And the solar energy is the most convenient to utilize. We can assemble this solar car to understand the solar panel working principle.Solar car is the use of solar energy as energy source, compared with the traditional fuel engine driven car, solar car is truly zero emissions, more energy saving and environmental protection.

Small solar panels on the car convert the sun's energy into electricity, which feeds a tiny motor that converts that energy into mechanical energy to turn the wheels quickly.

1 solar panel
2 rectangle board
3 wooden bar
4 short wooden bar
5 support pole
6 cable tie
7 heat shrinkable tube
8 small gear
9 motor
10 switch
11 wheel
12 axle
13 big gear
14 wooden hub
15 battery holder