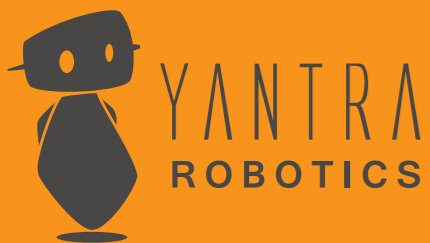


Start Building!



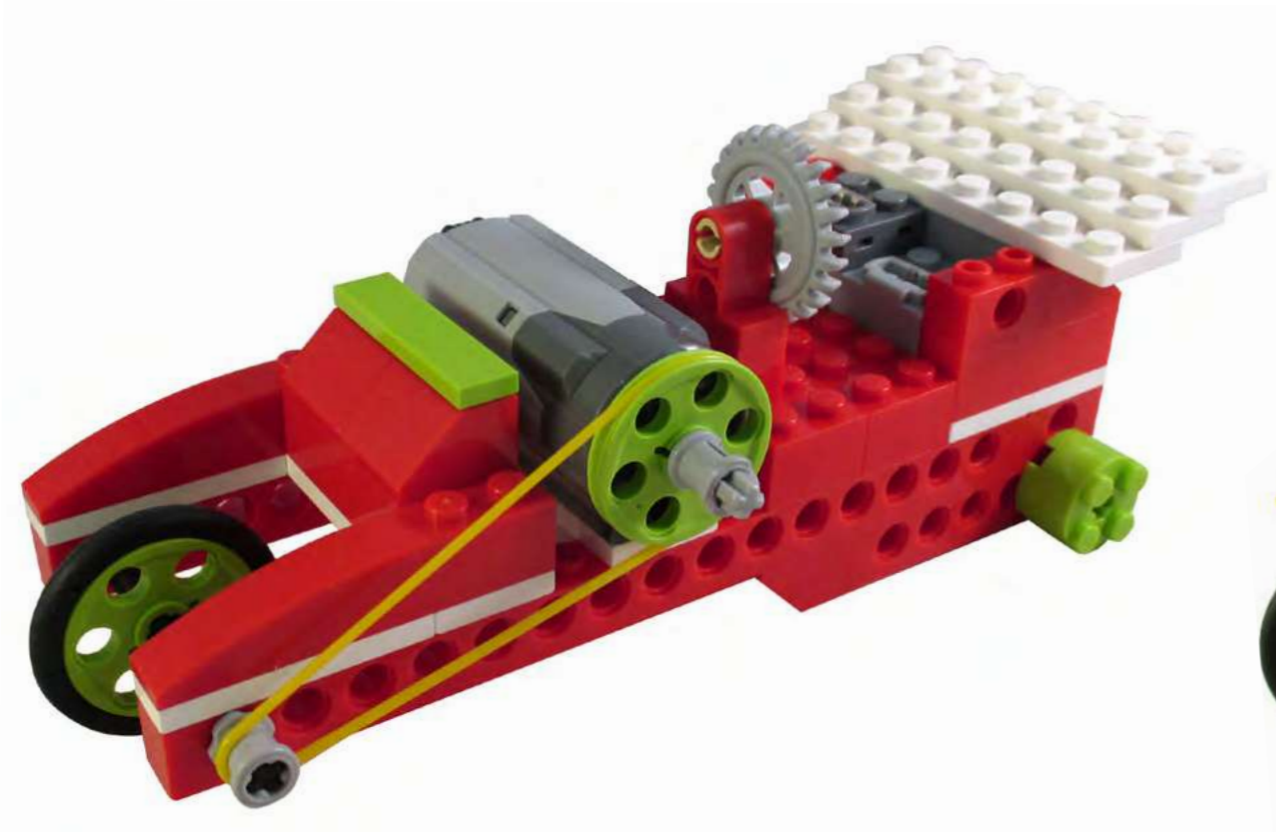
Le-GO Kart

READY...SET... GO!! Use a PULLEY SYSTEM to drive your Le-GO Kart. Discover how to adjust the size of your pulley wheels to win the race!



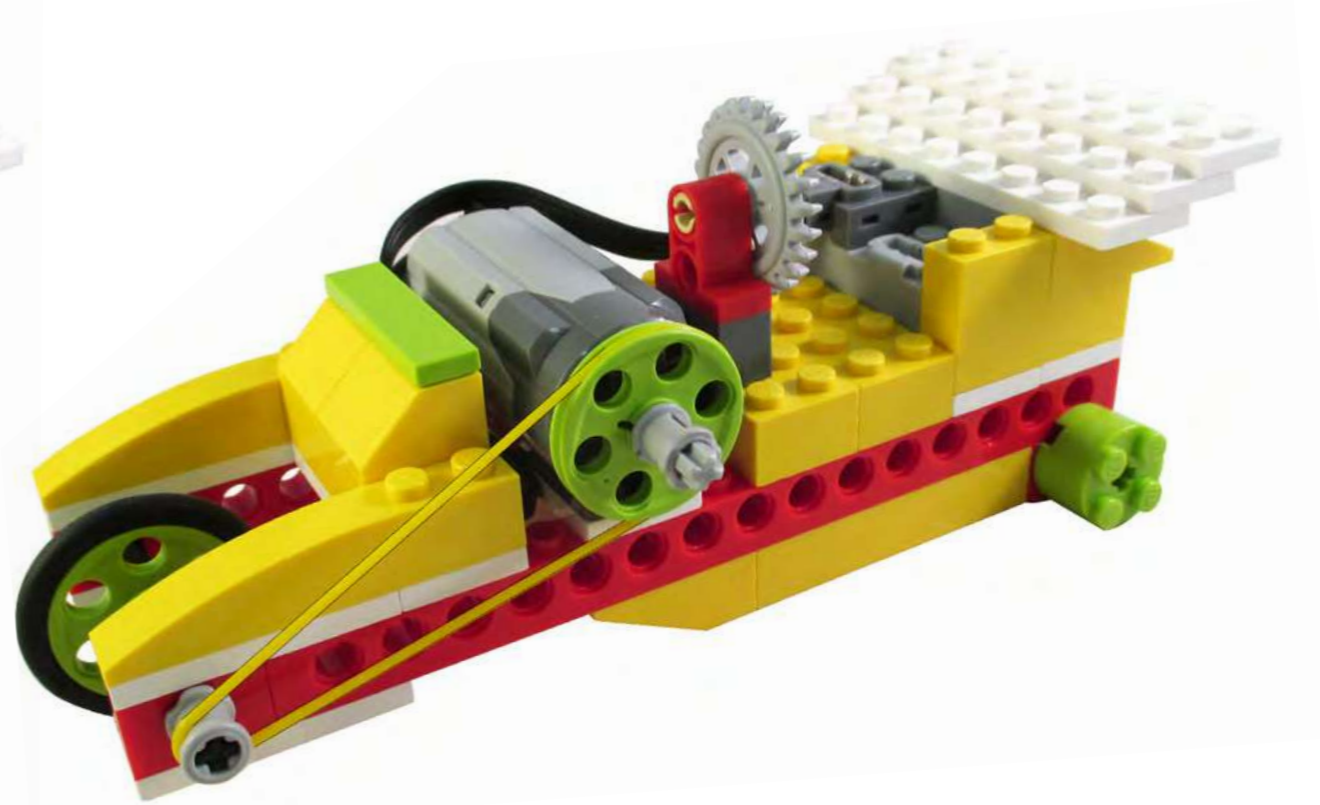
Pick a Le-GO Kart!

Click on the picture for instructions!



Red Kart

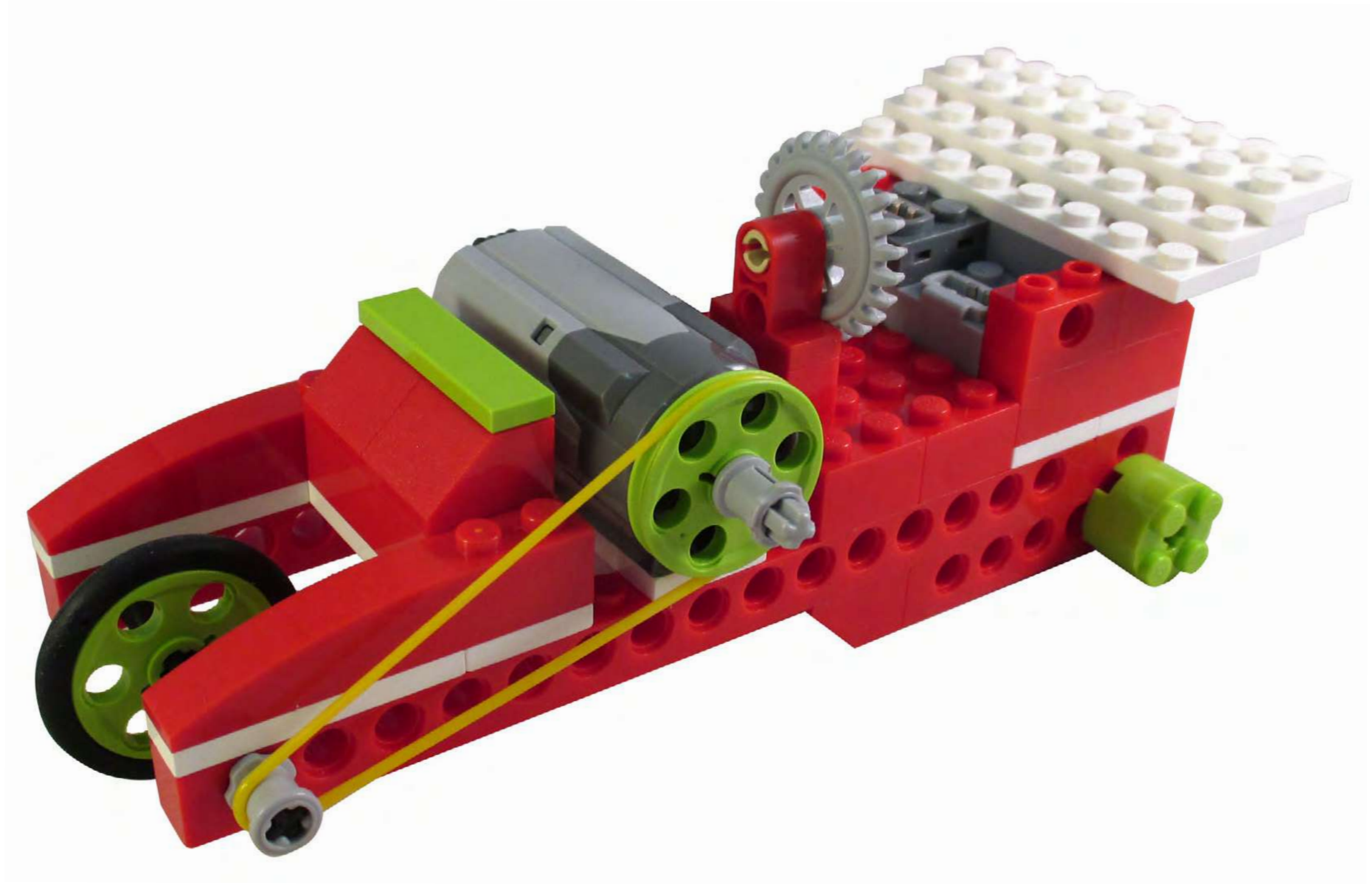
Easy



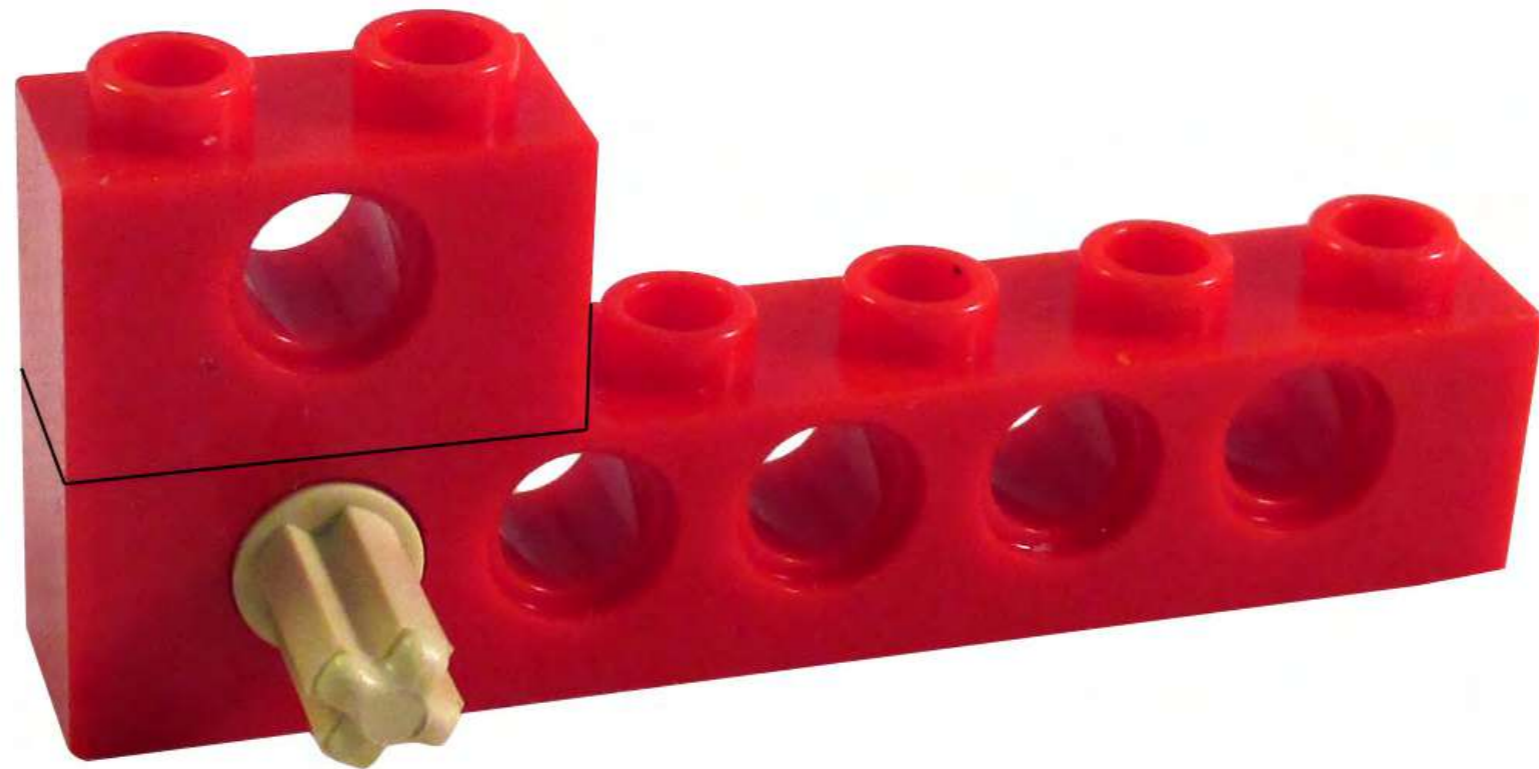
Yellow Kart

Hard

Red Kart



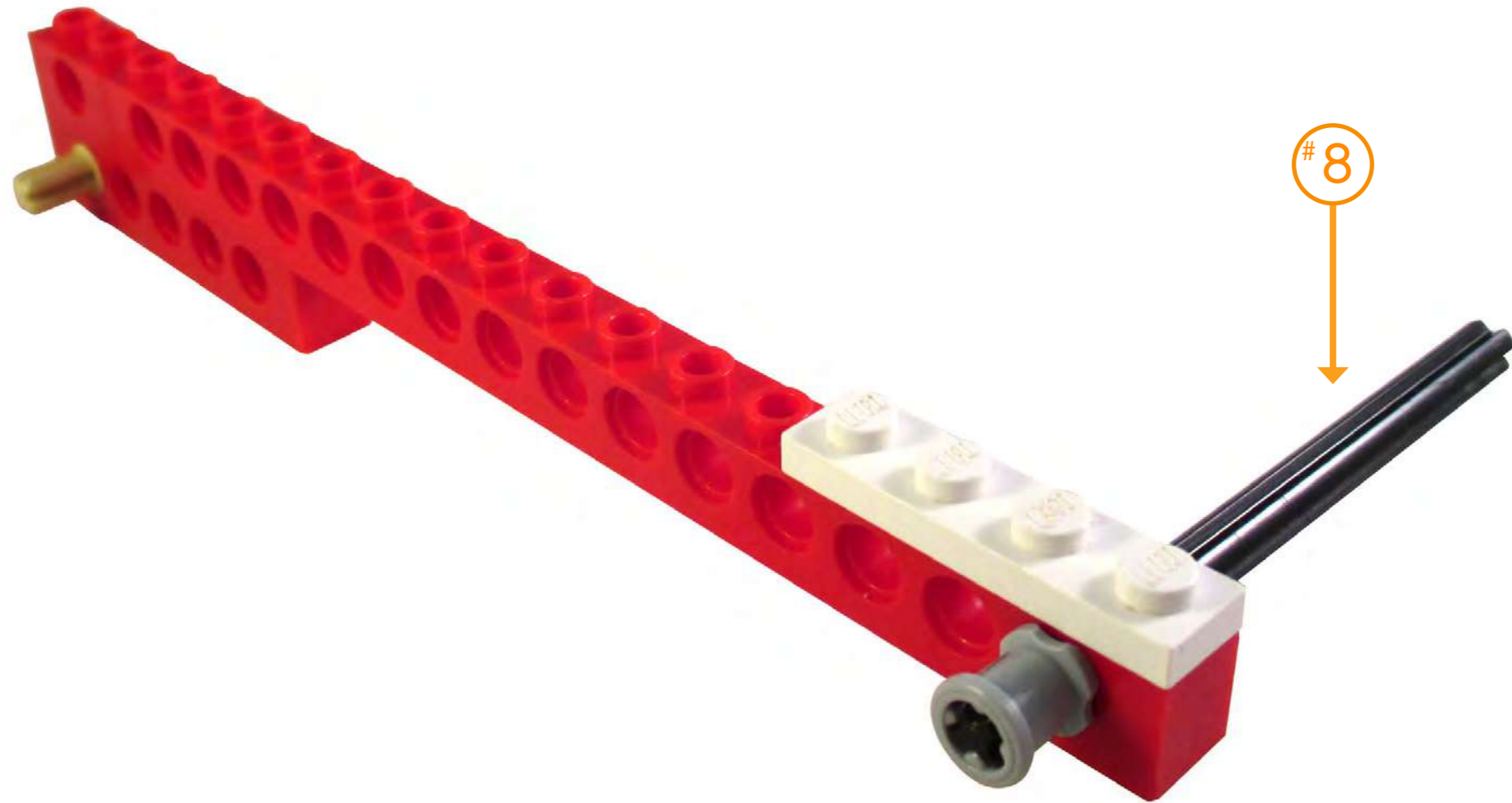
Step 1



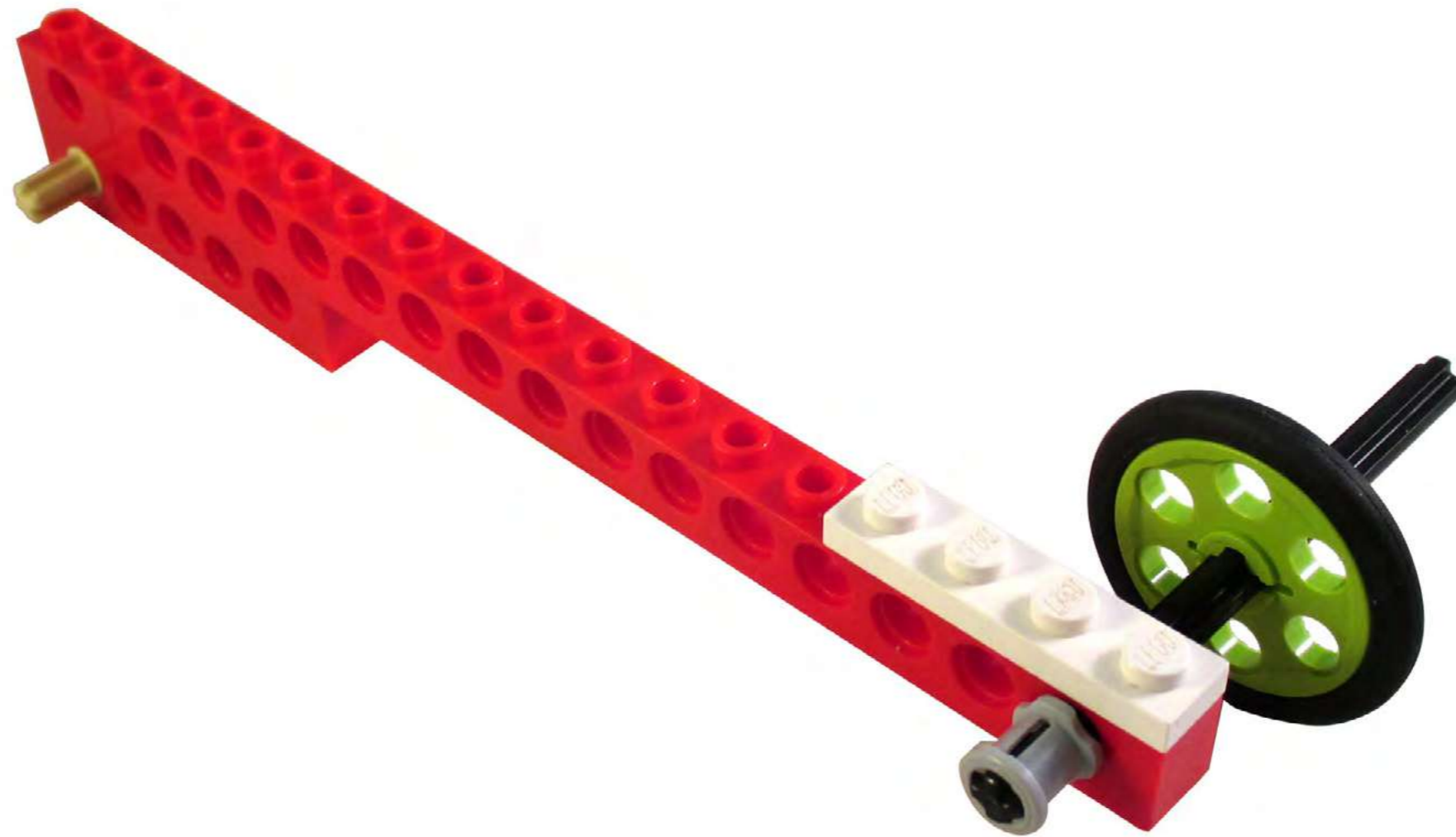
Step 2



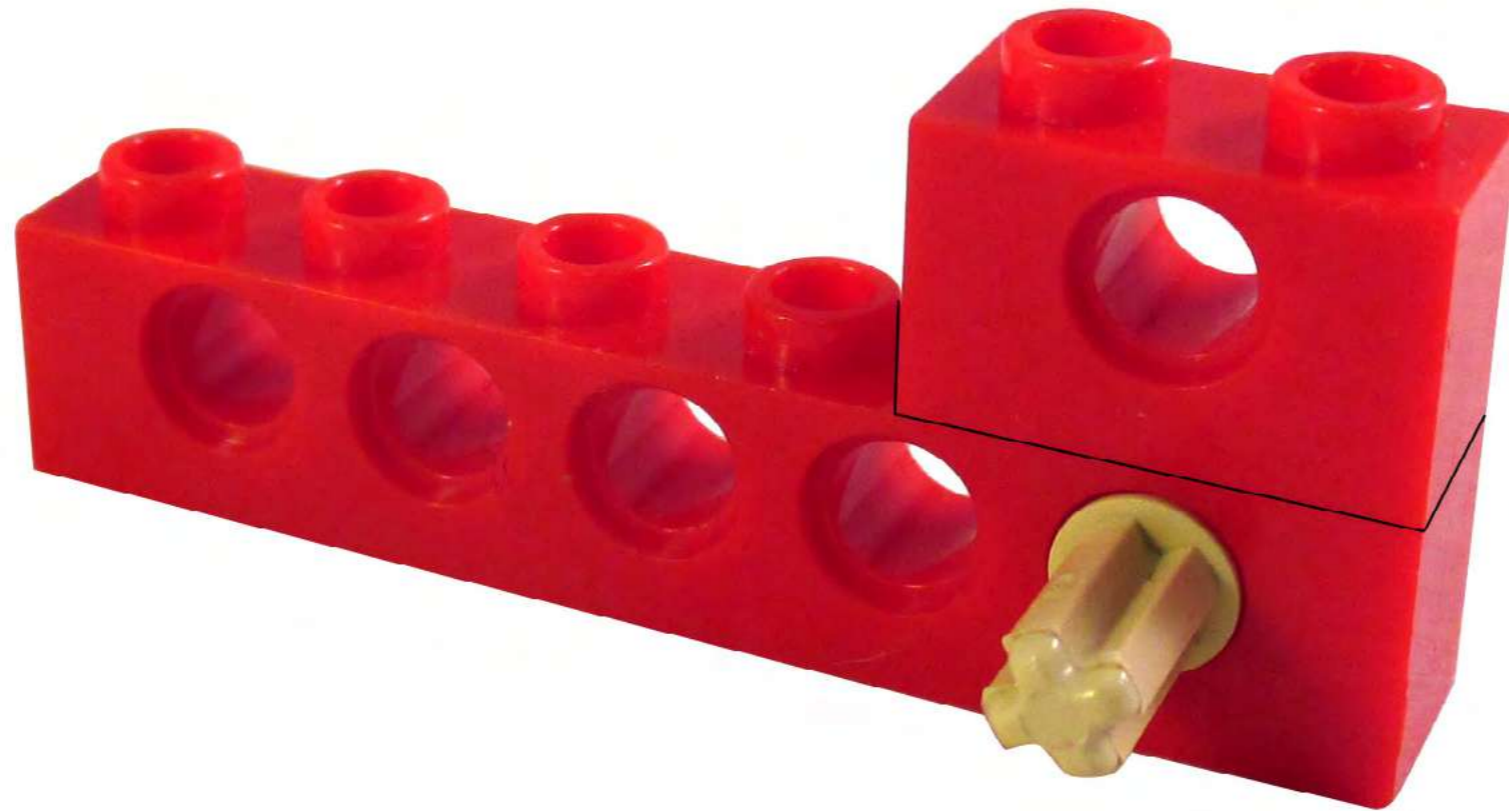
Step 3



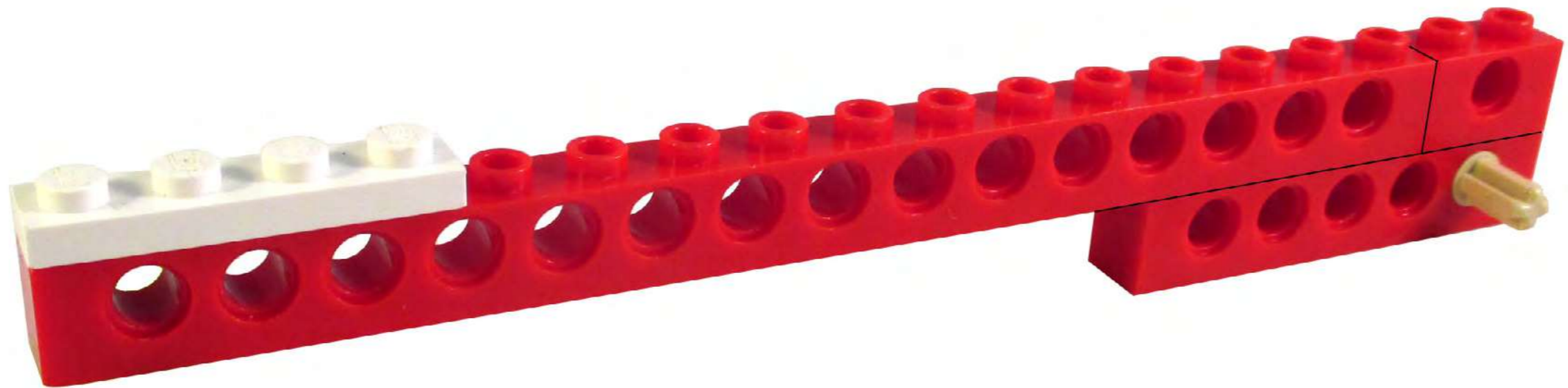
Step 4



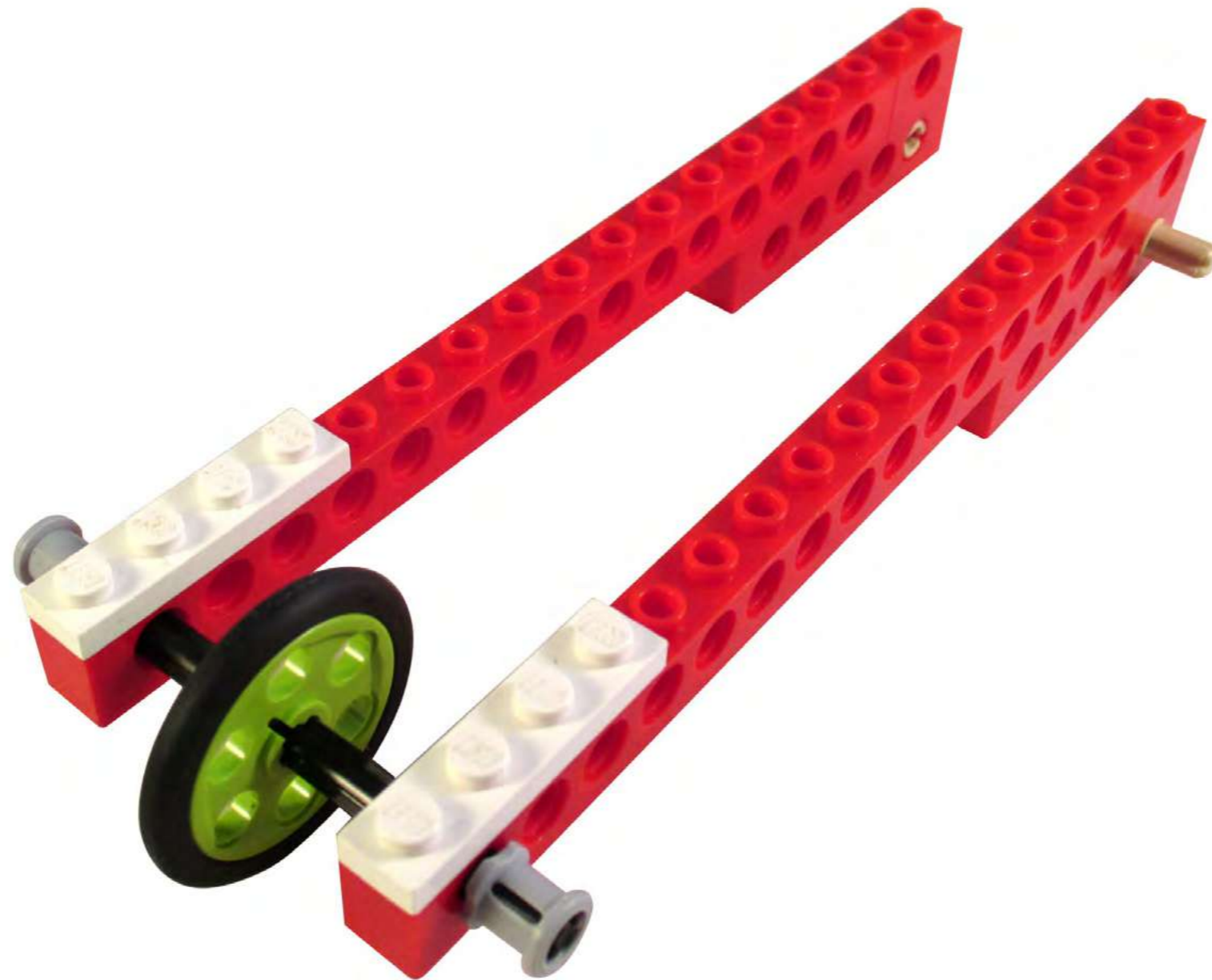
Step 5



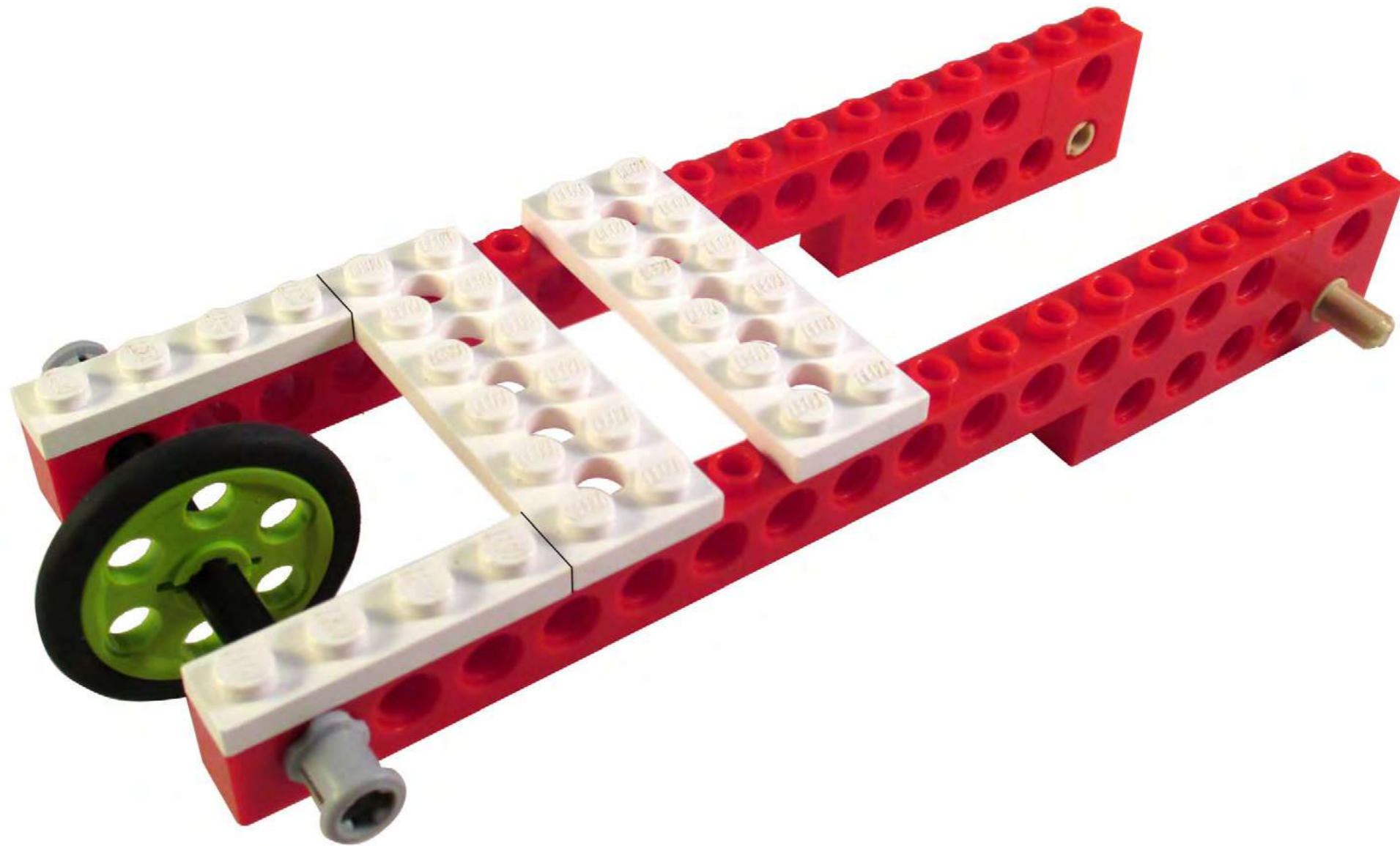
Step 6



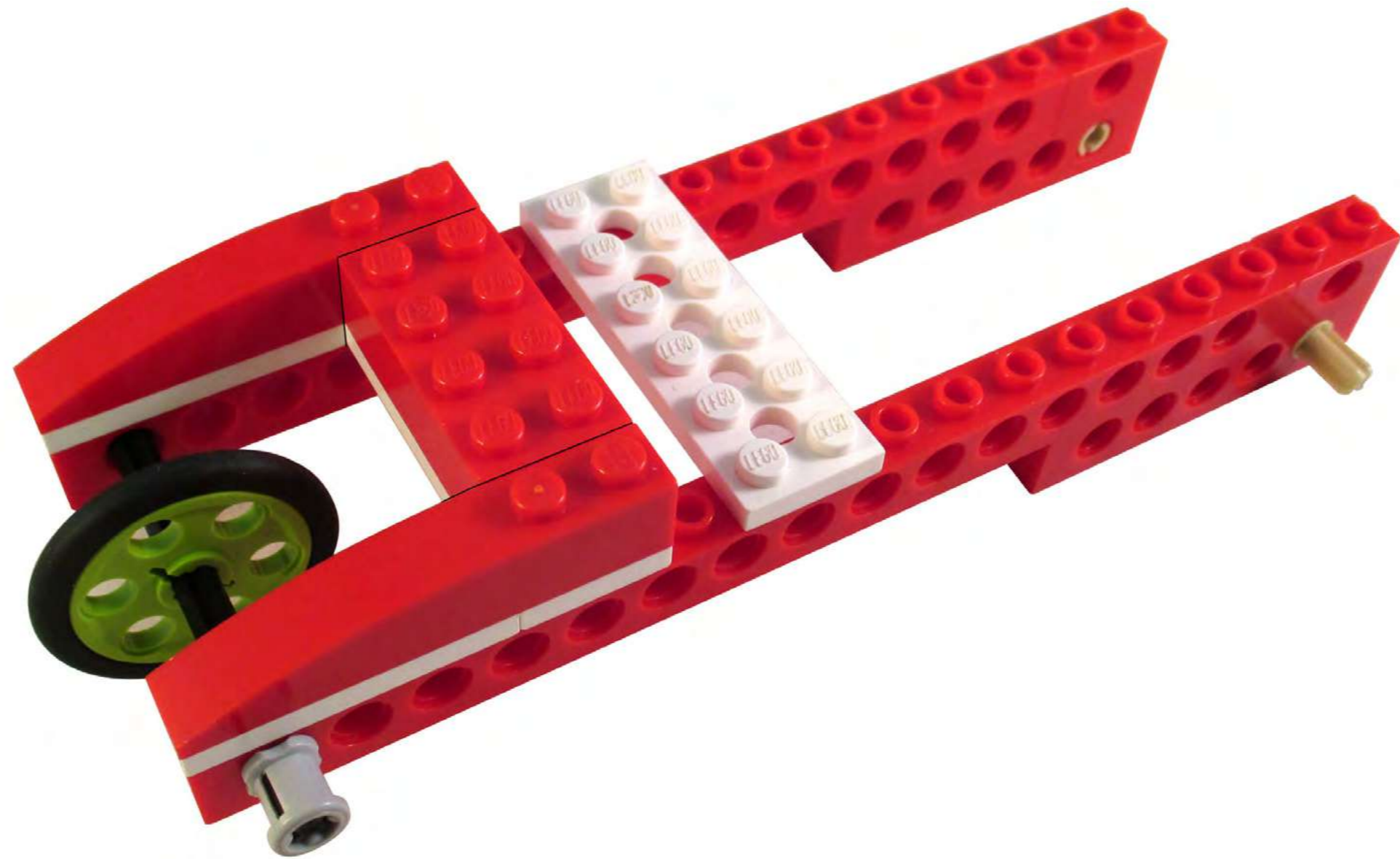
Step 7



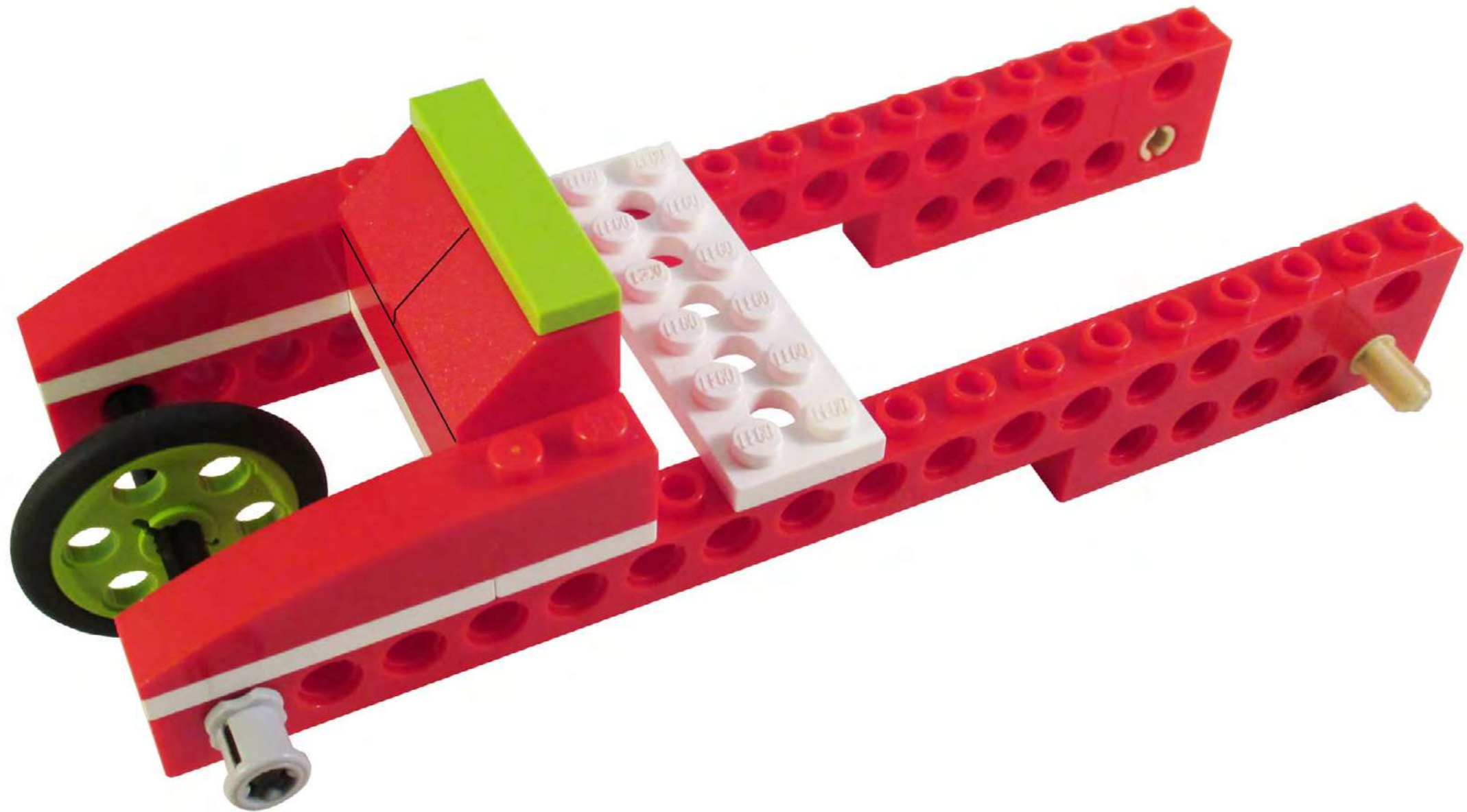
Step 8



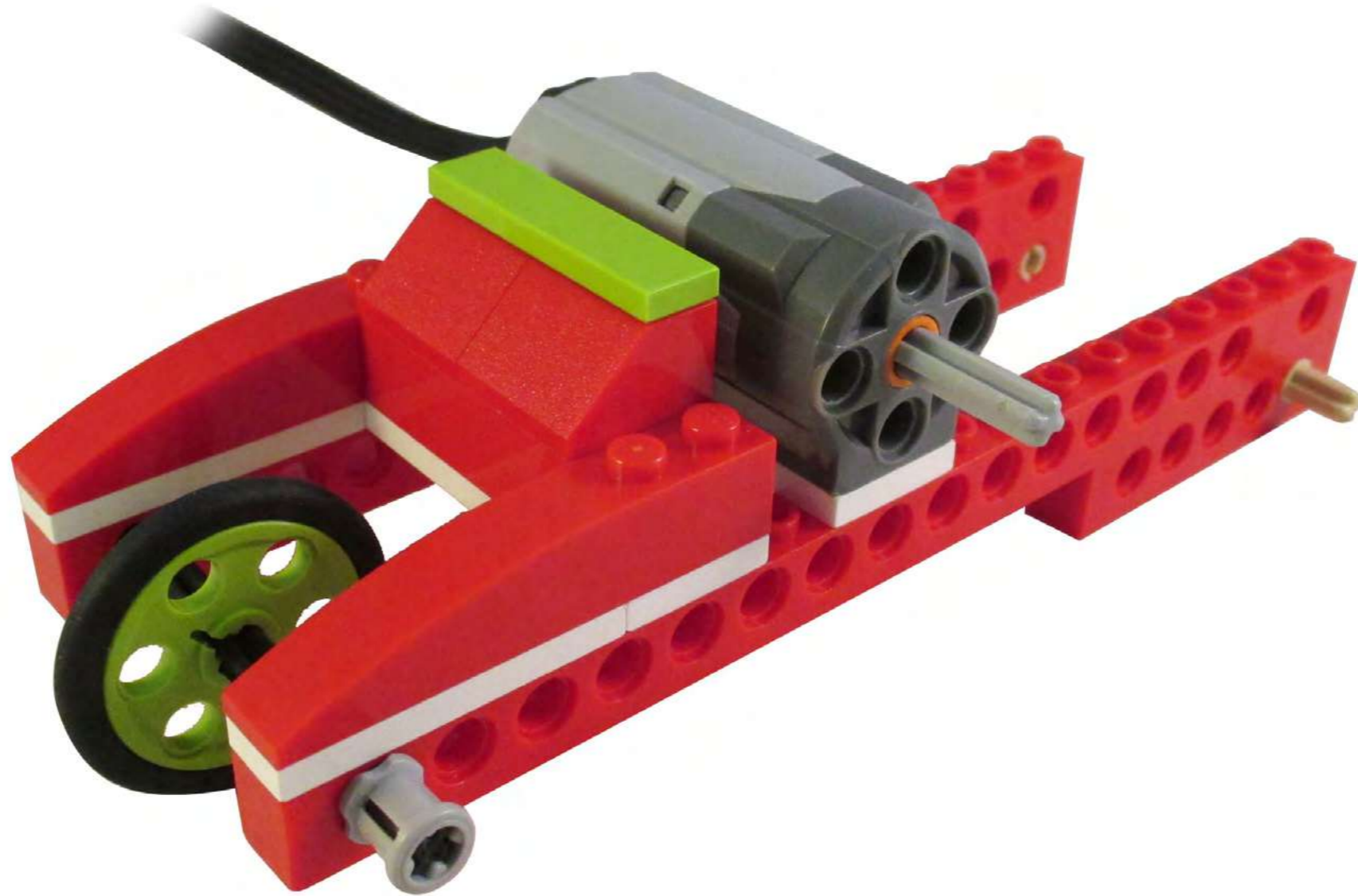
Step 9



Step 10

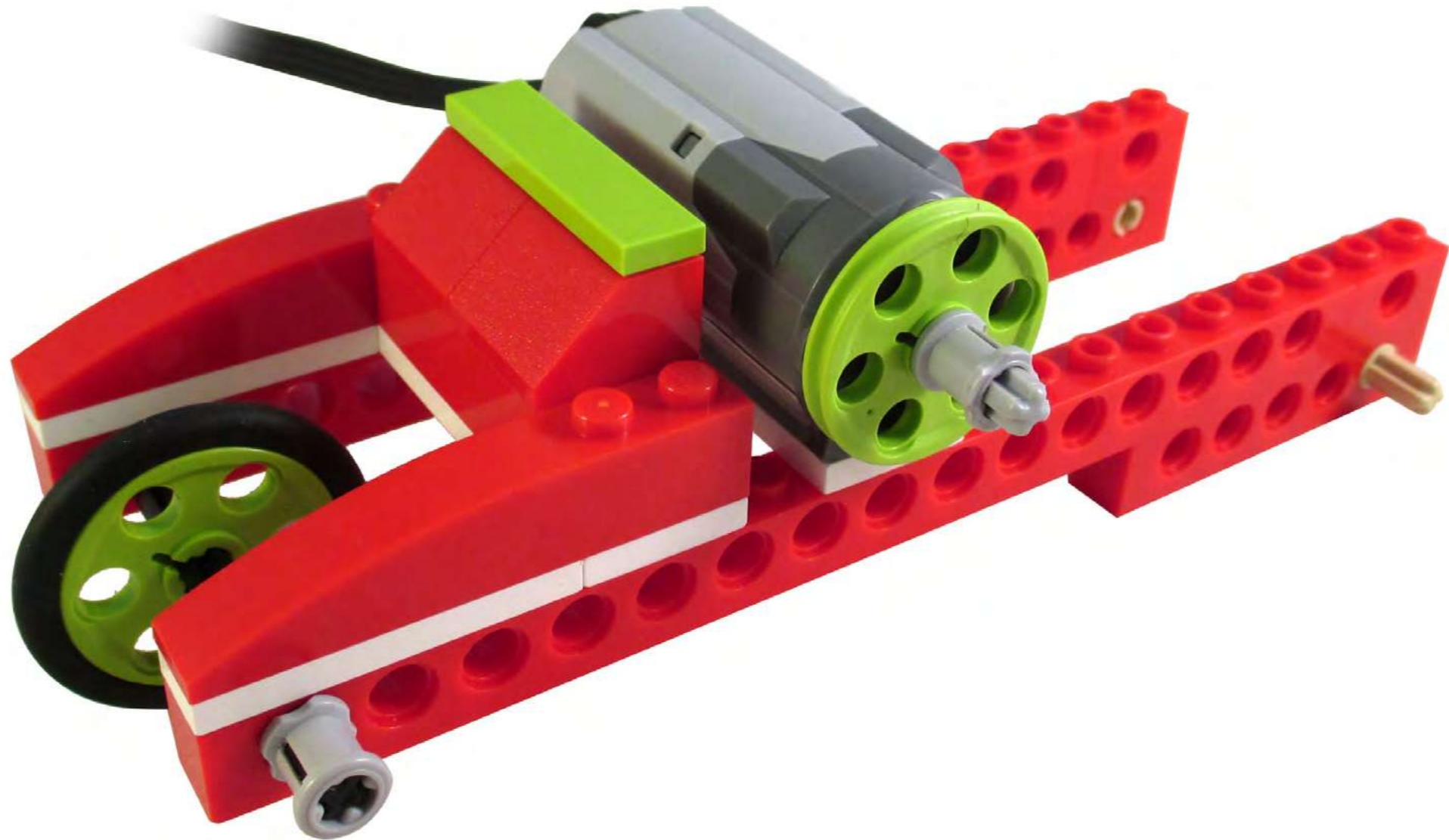


Step 11

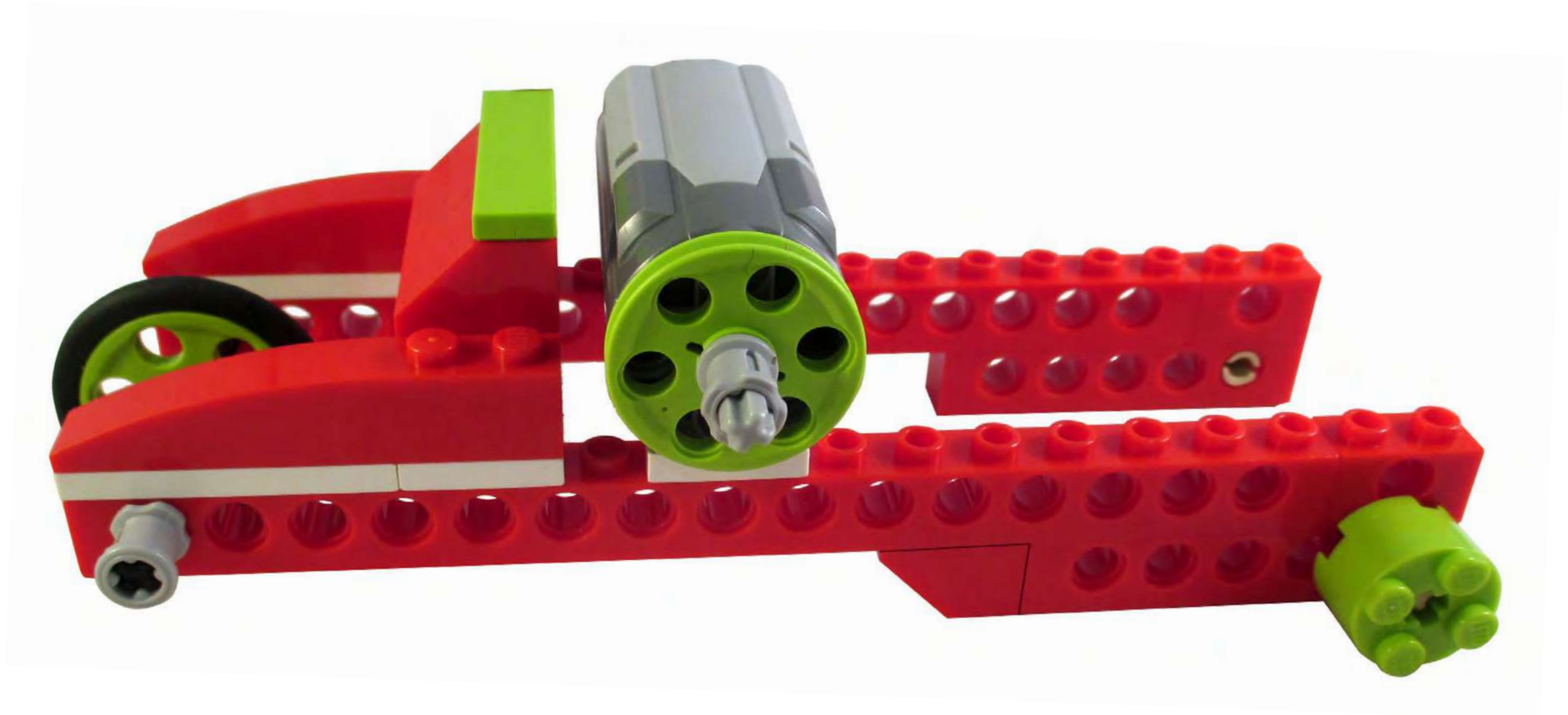


Step 12

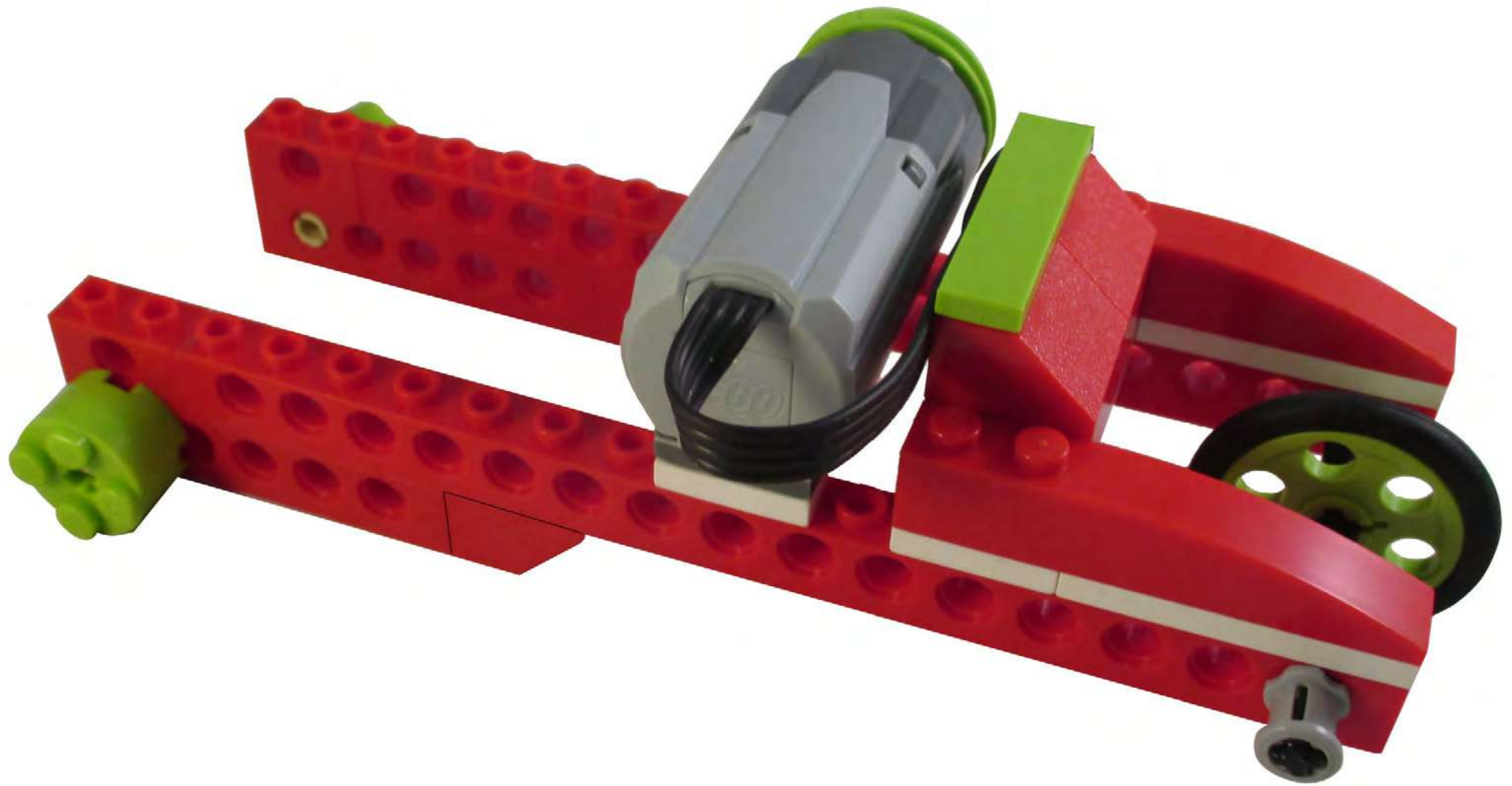
You will Need:



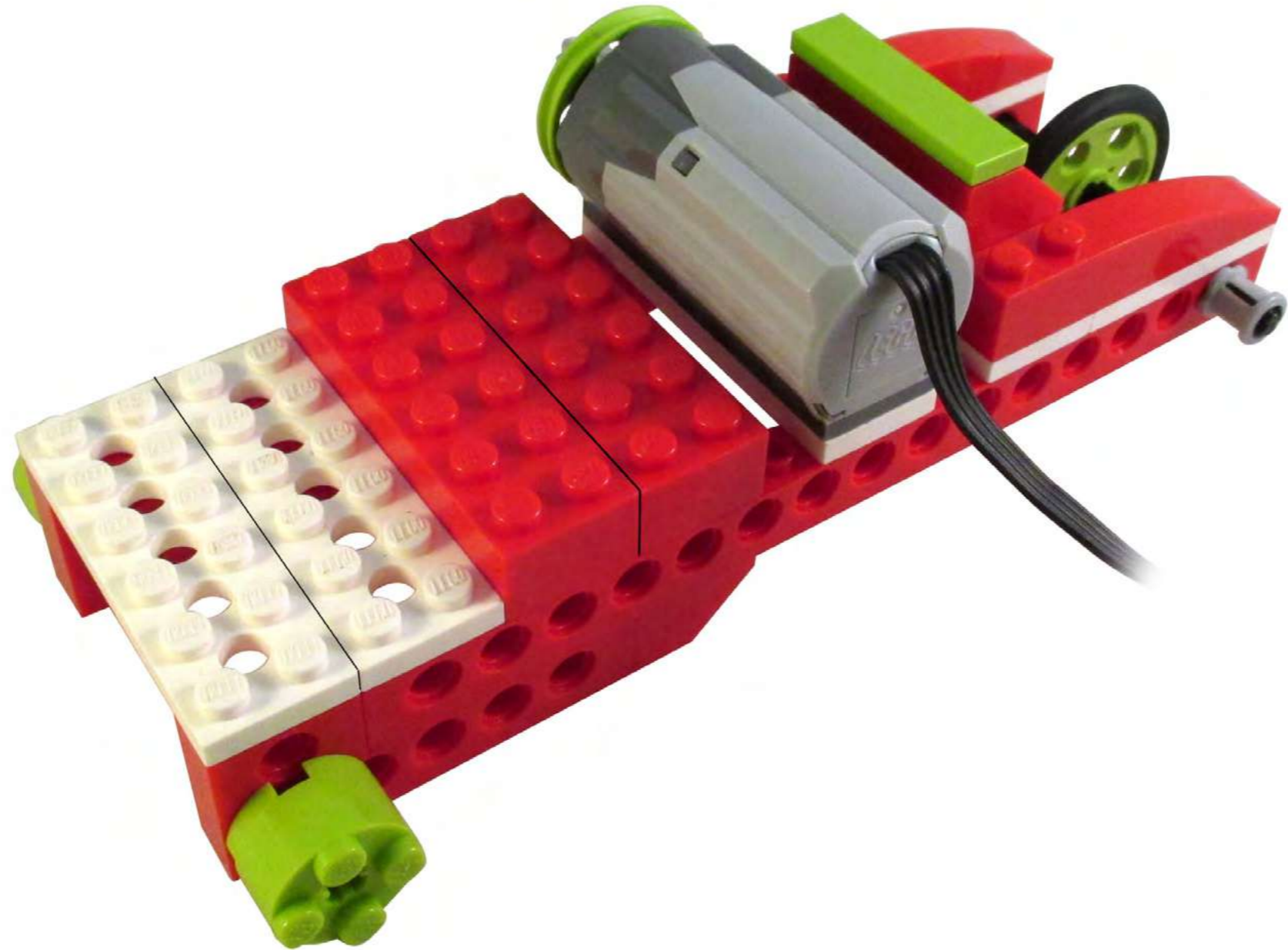
Step 13



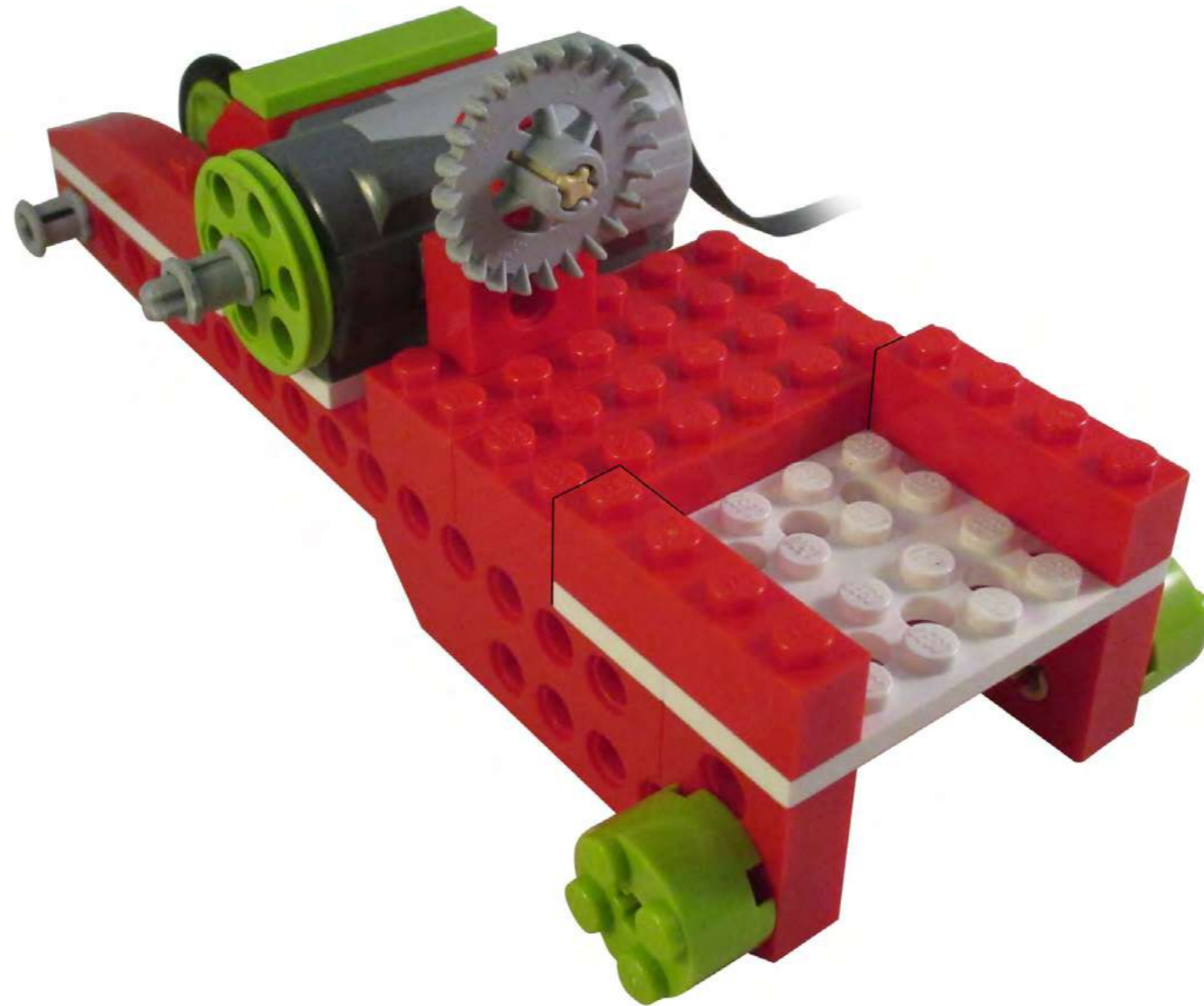
Step 14



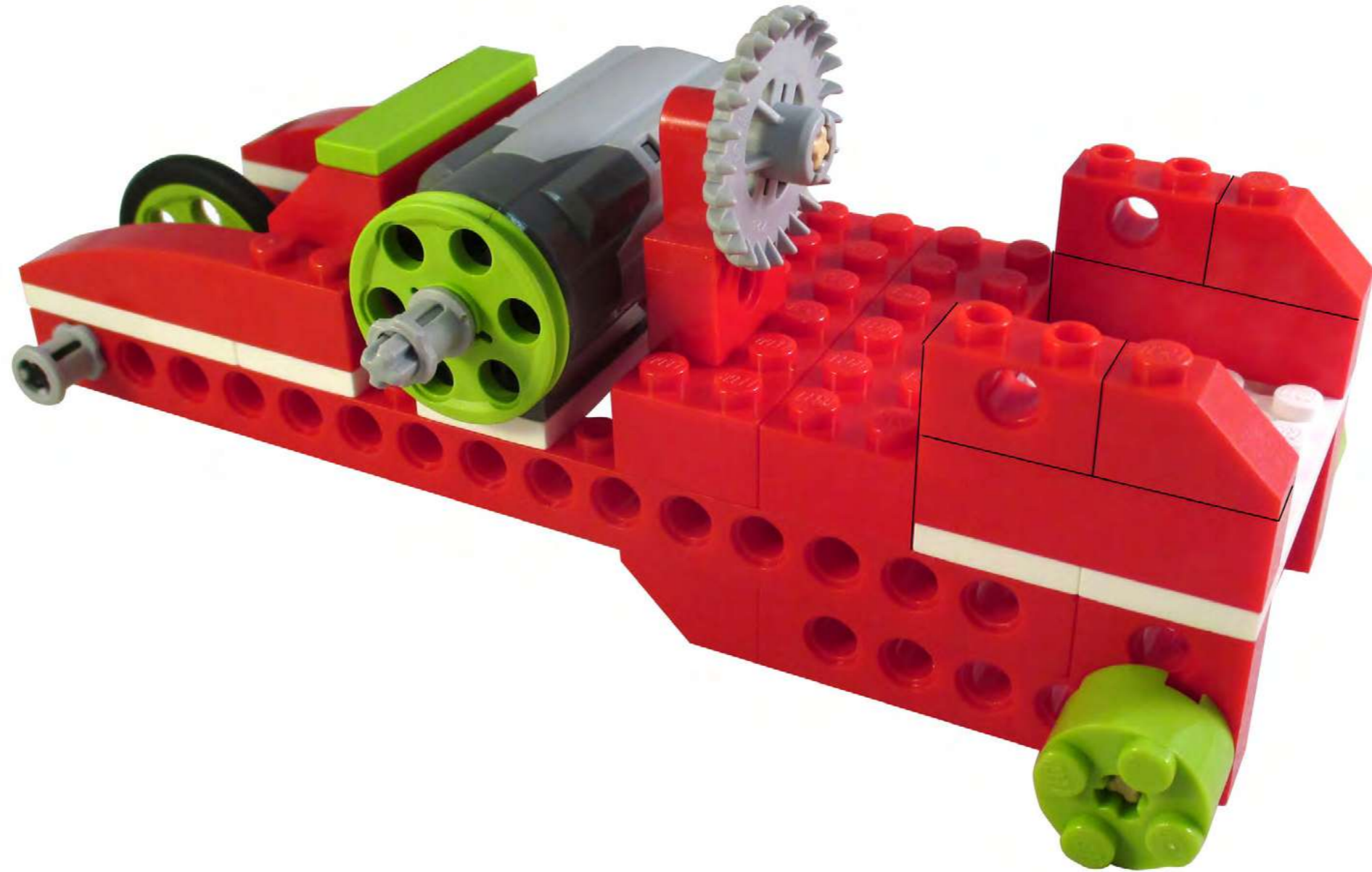
Step 15



Step 17



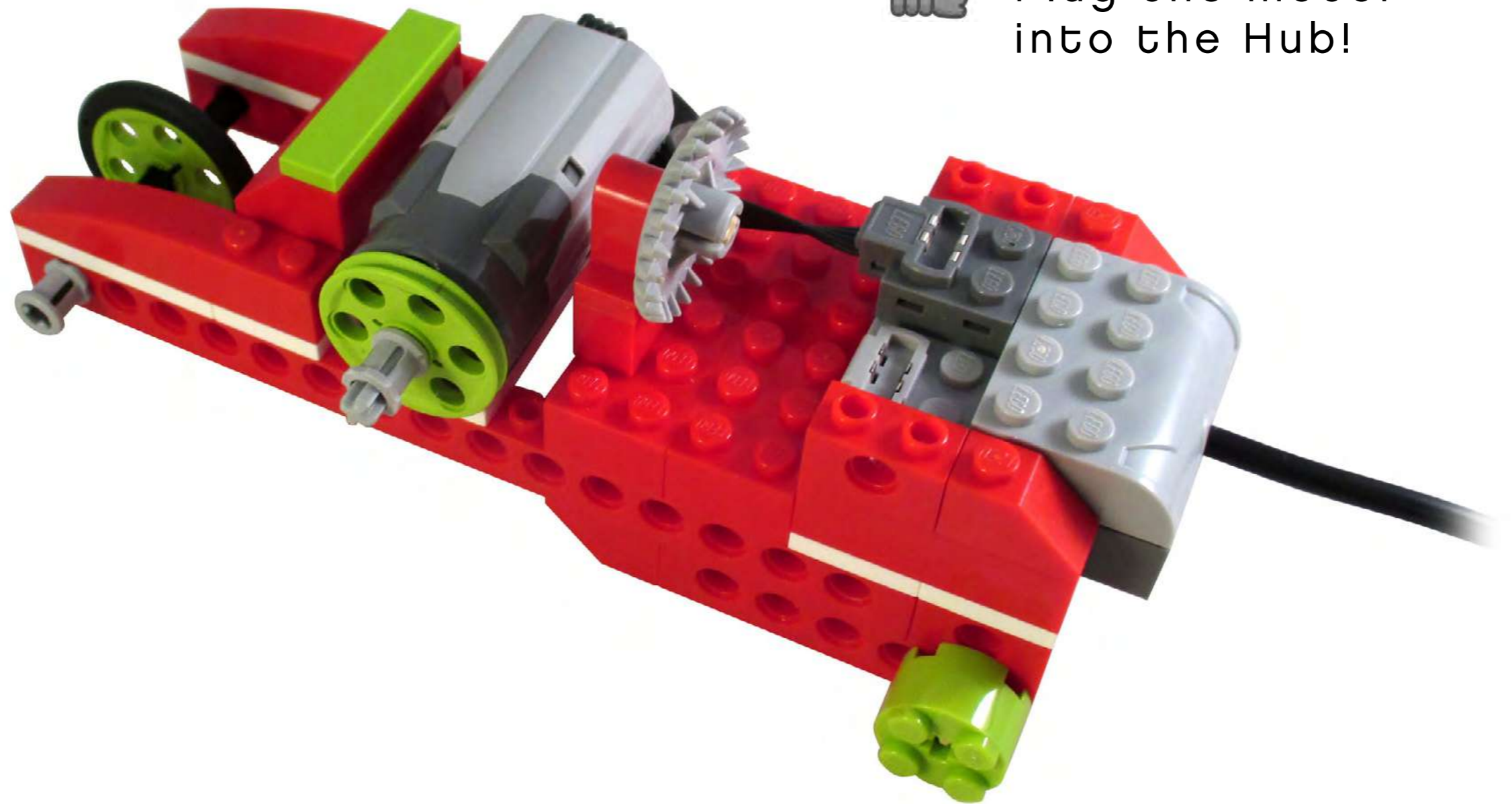
Step 18



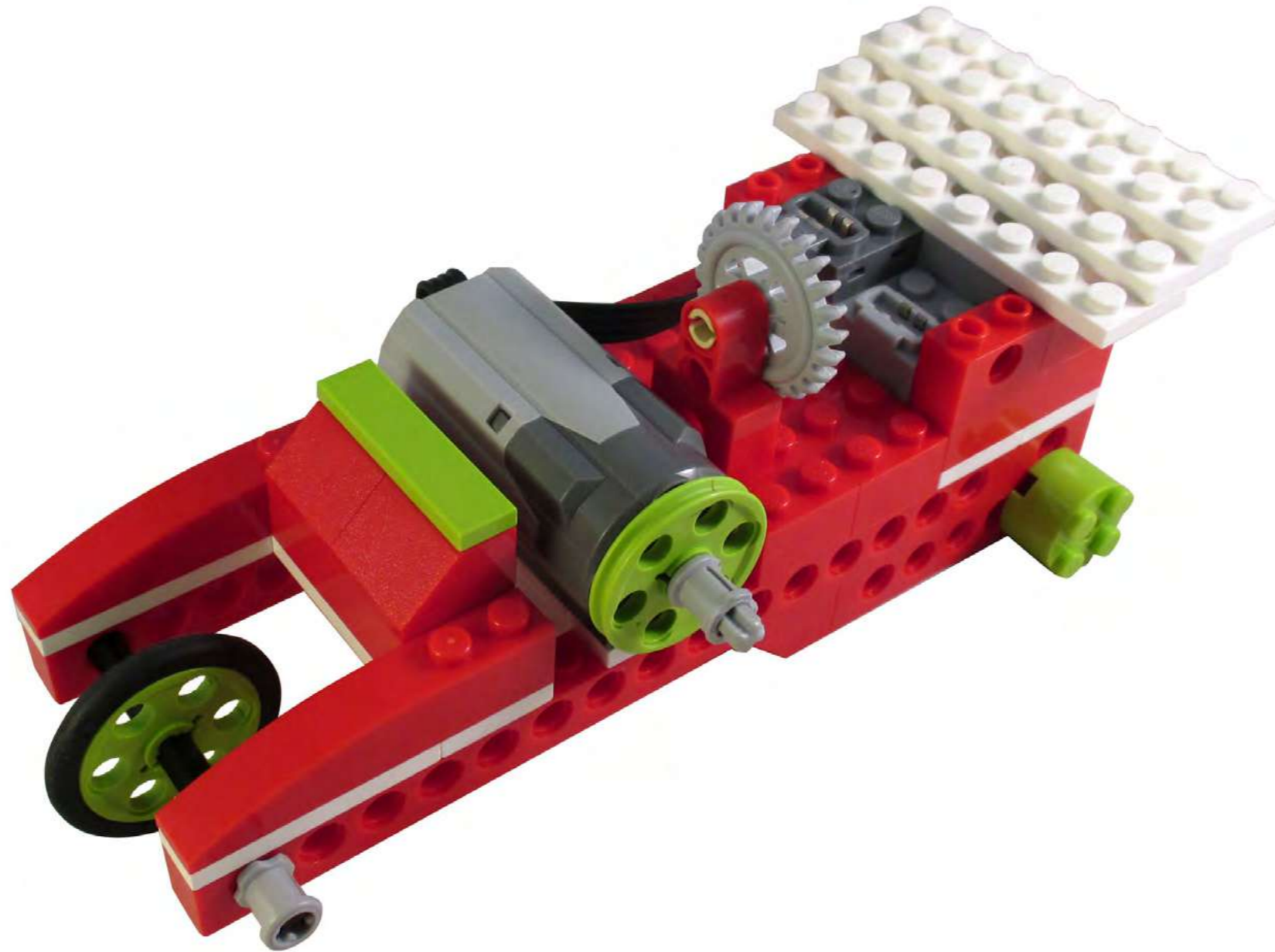
Step 19



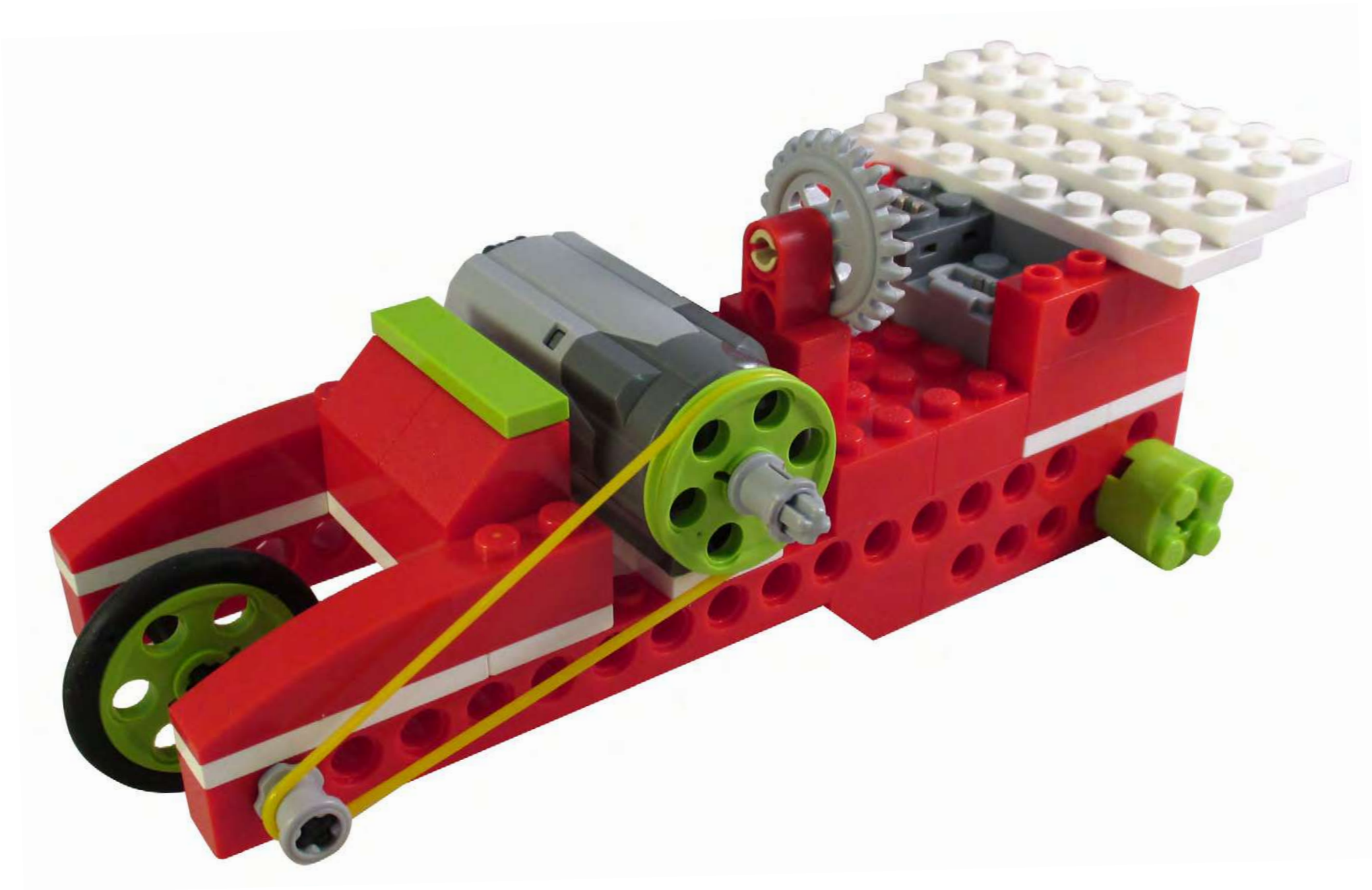
Plug the motor
into the Hub!



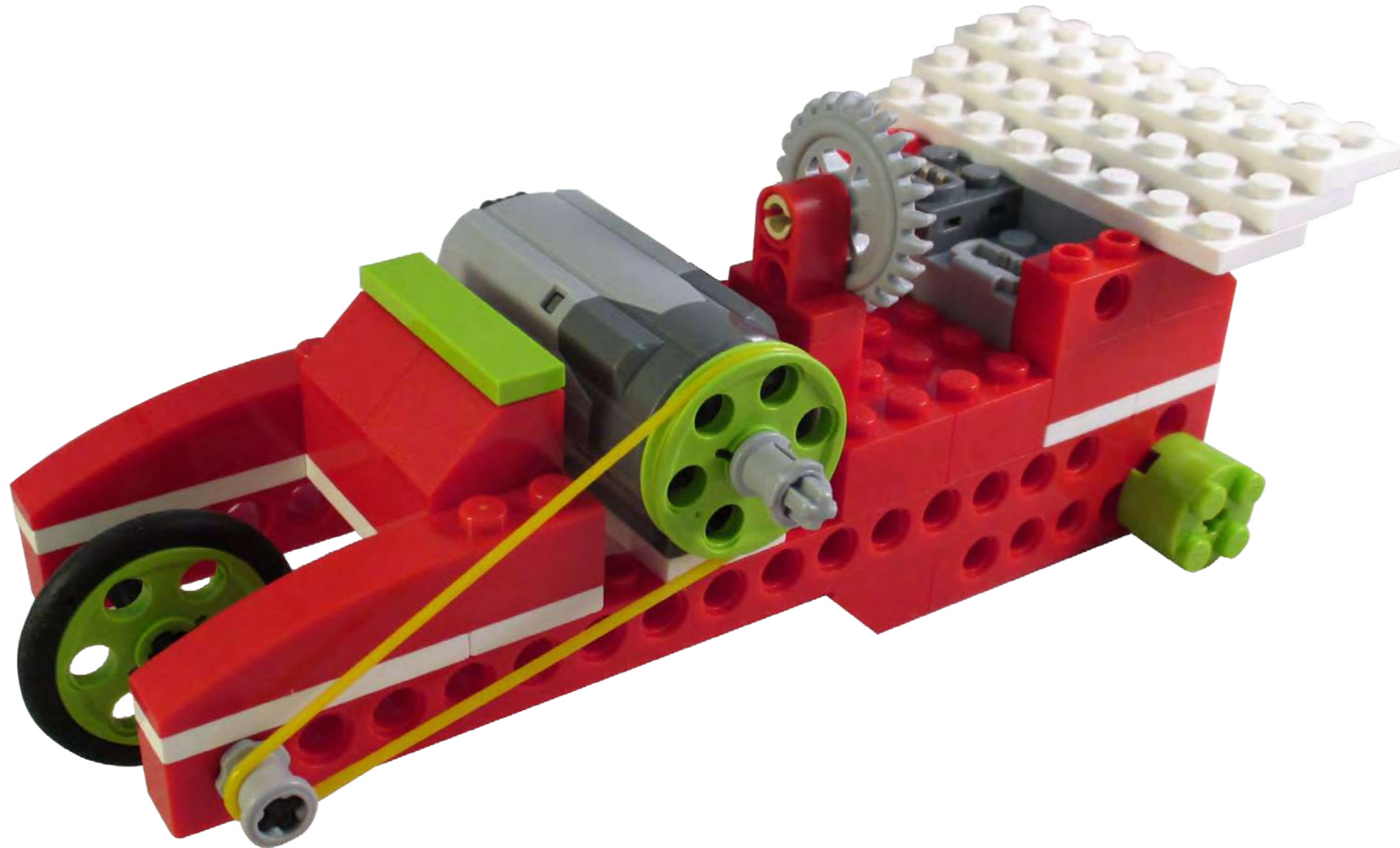
Step 20



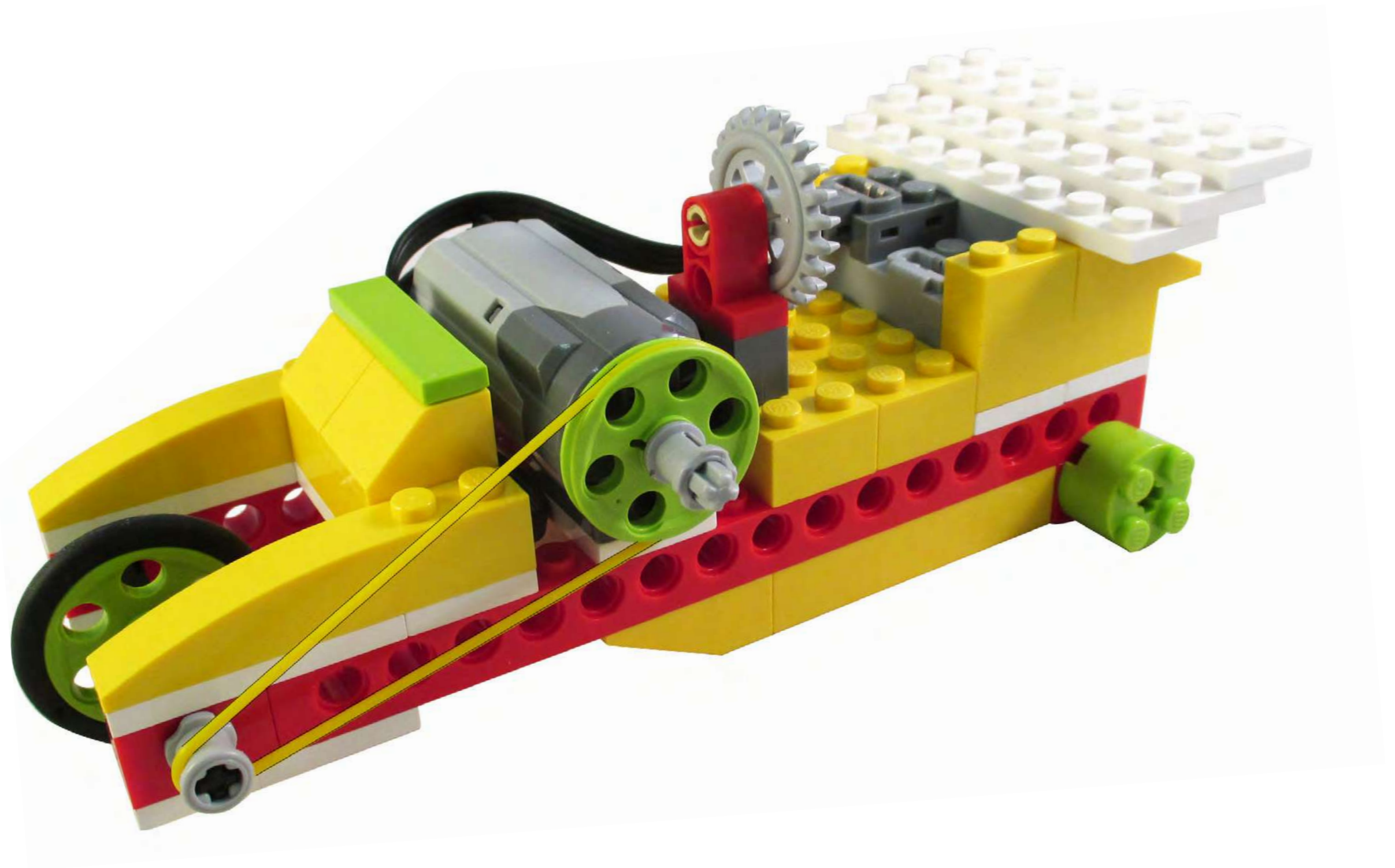
Step 21



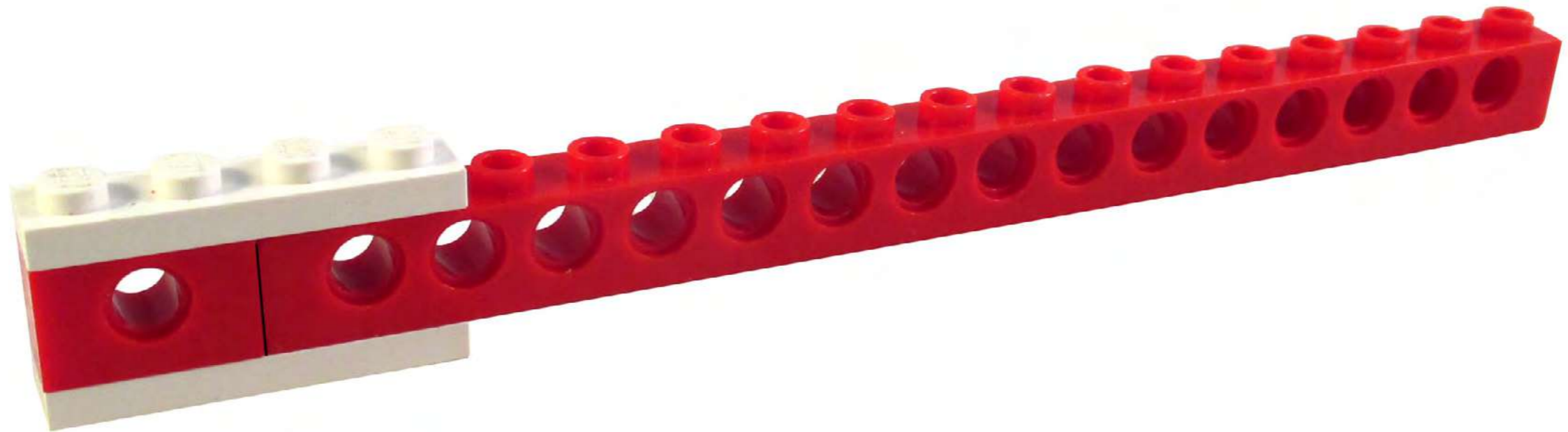
Your Le-GO Kart is Built!...
Time to Program it!



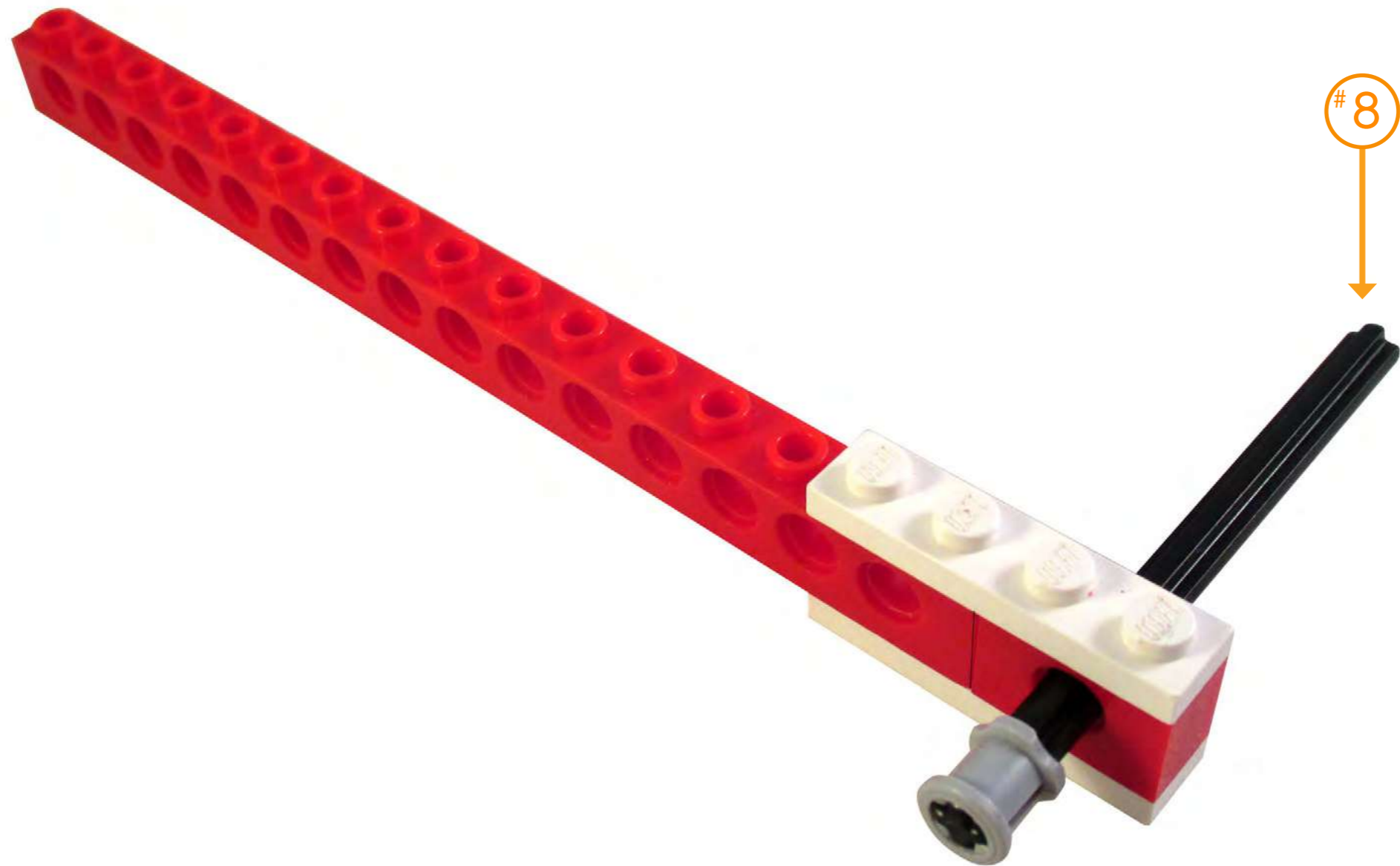
Yellow Kart



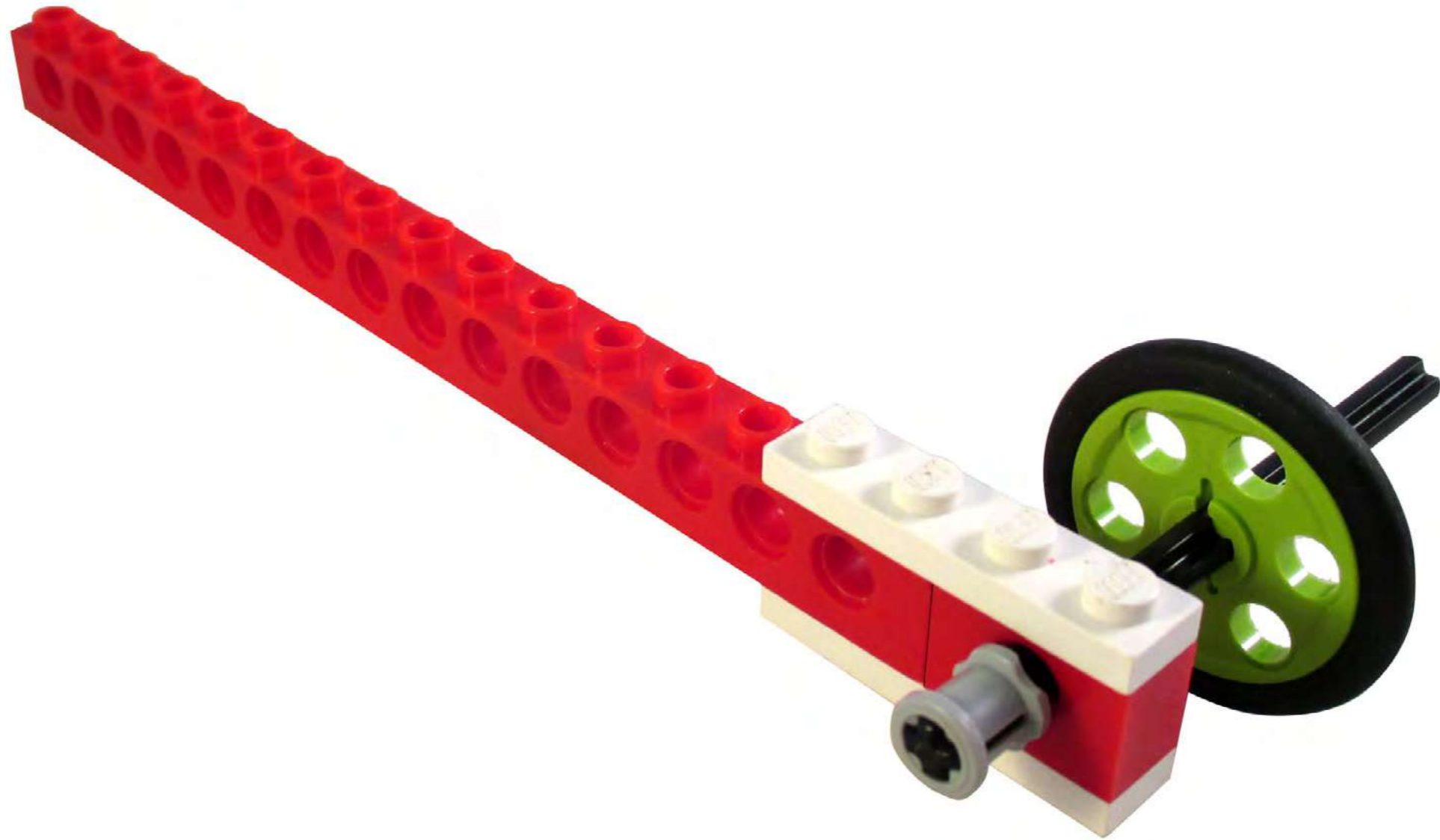
Step 1



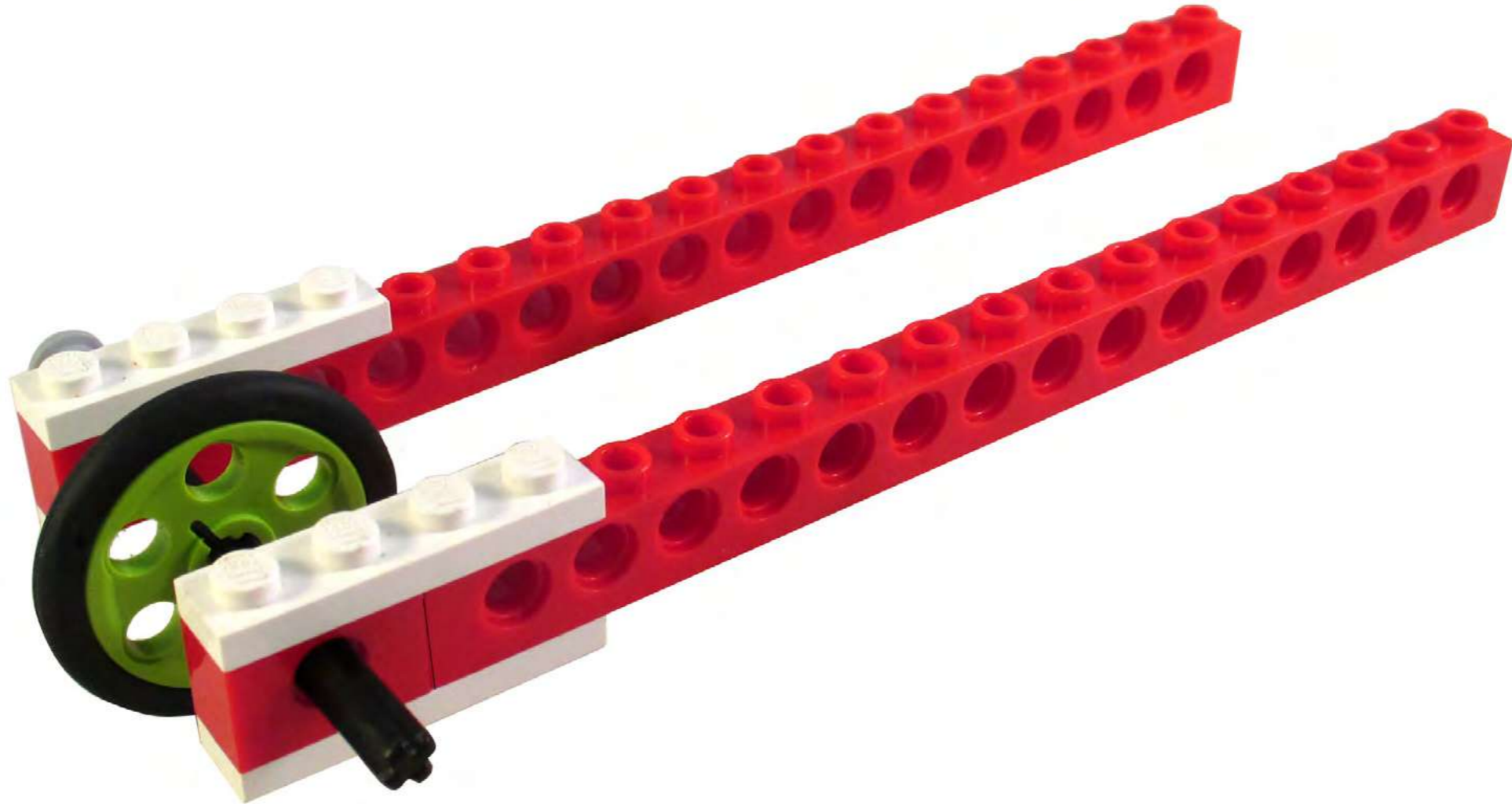
Step 2



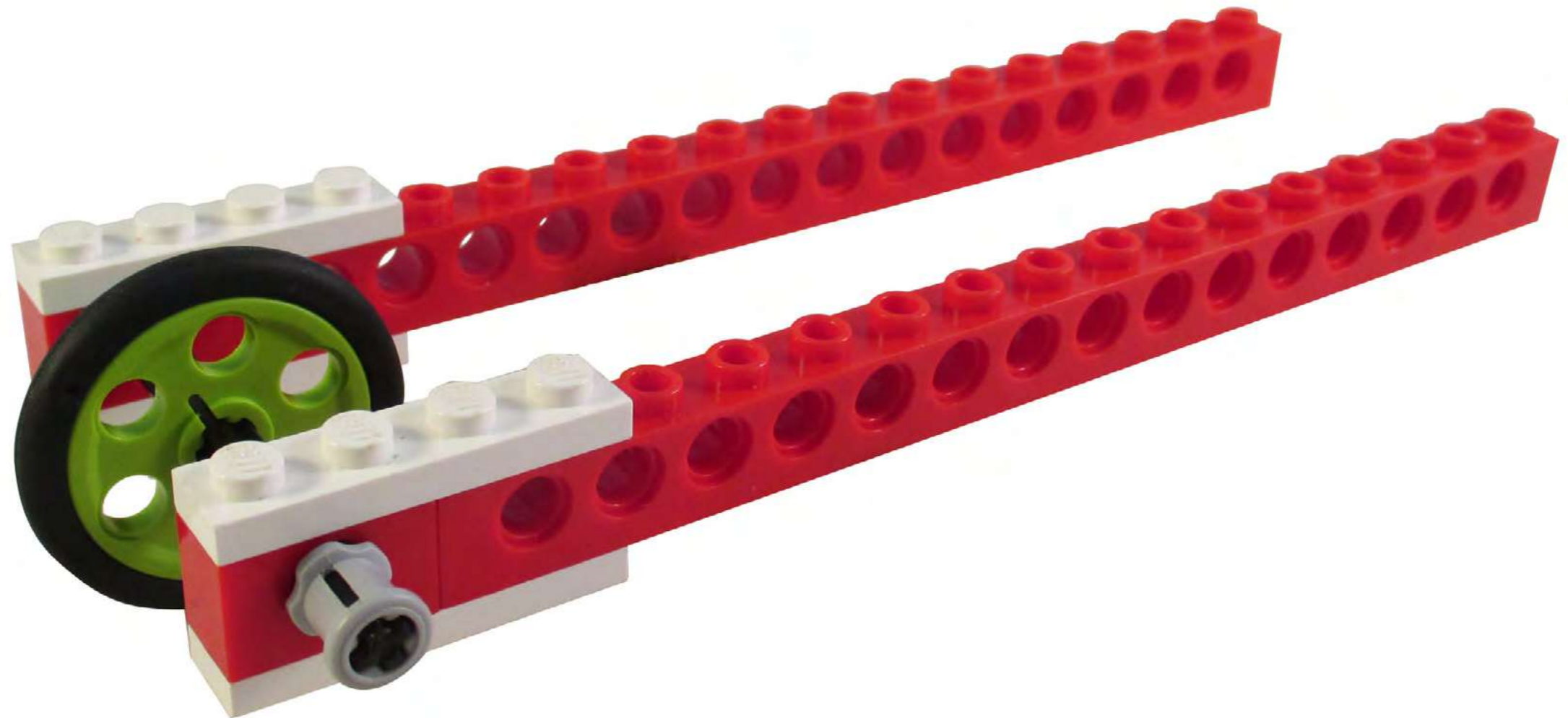
Step 3



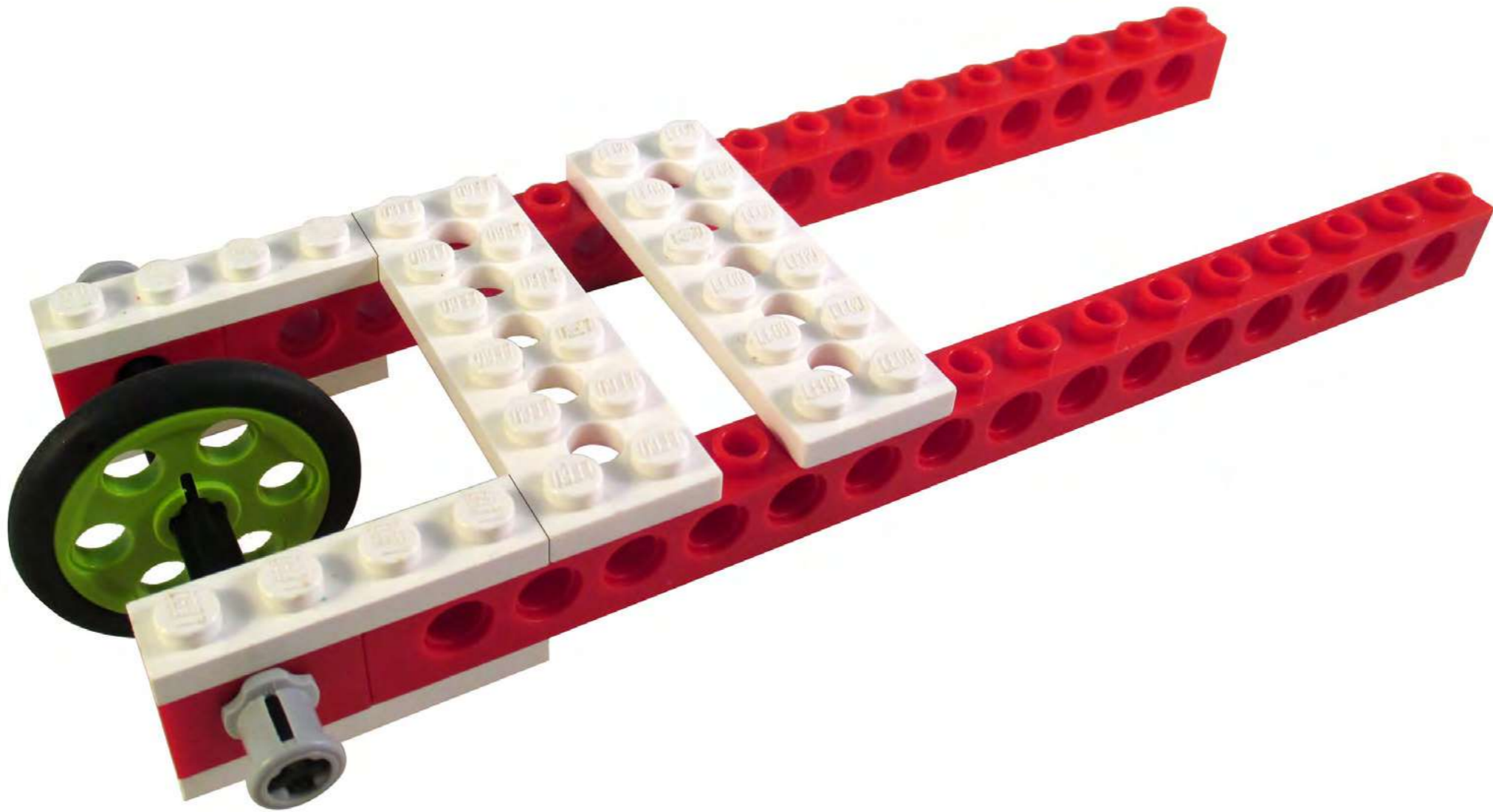
Step 4



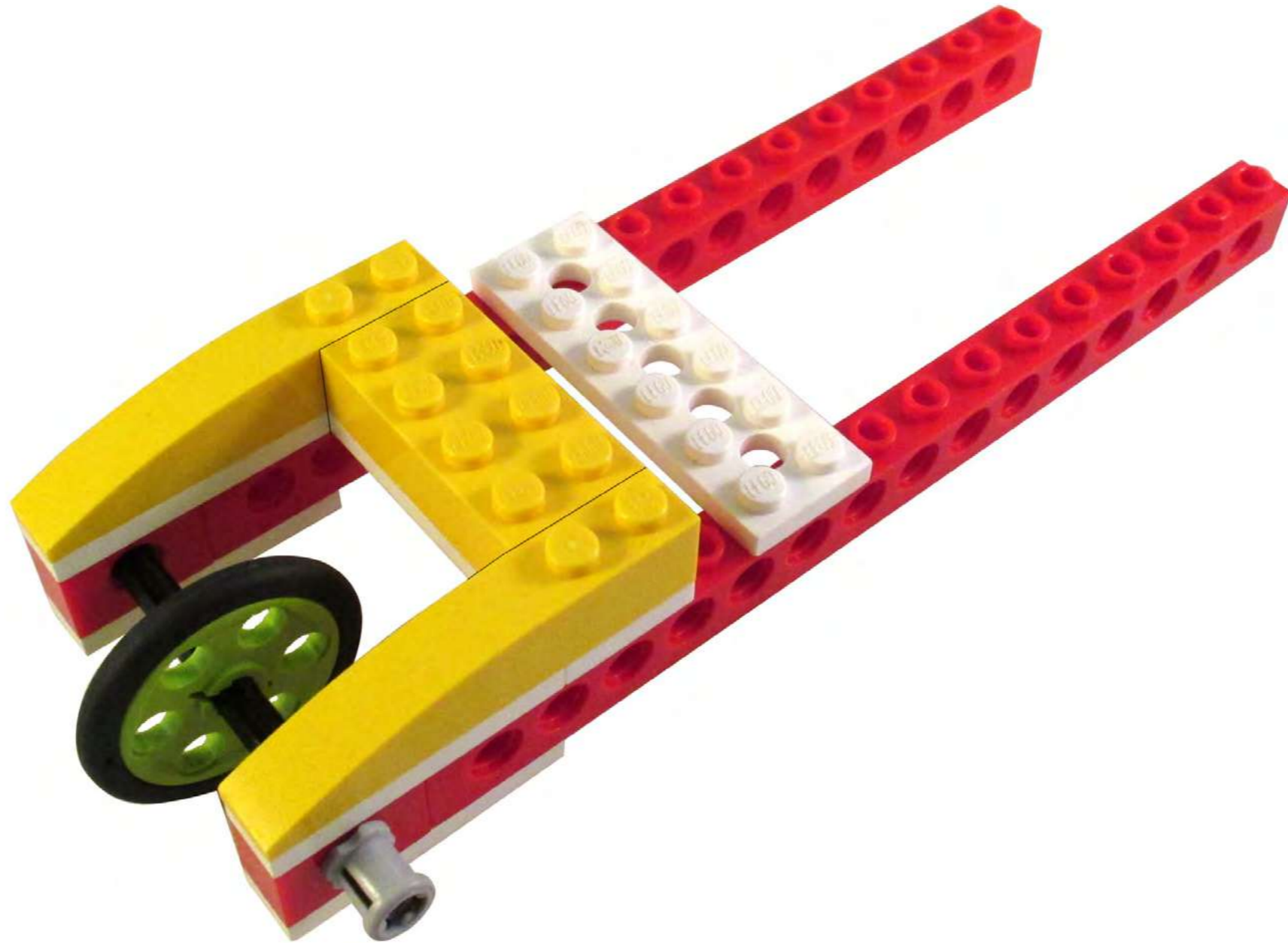
Step 5



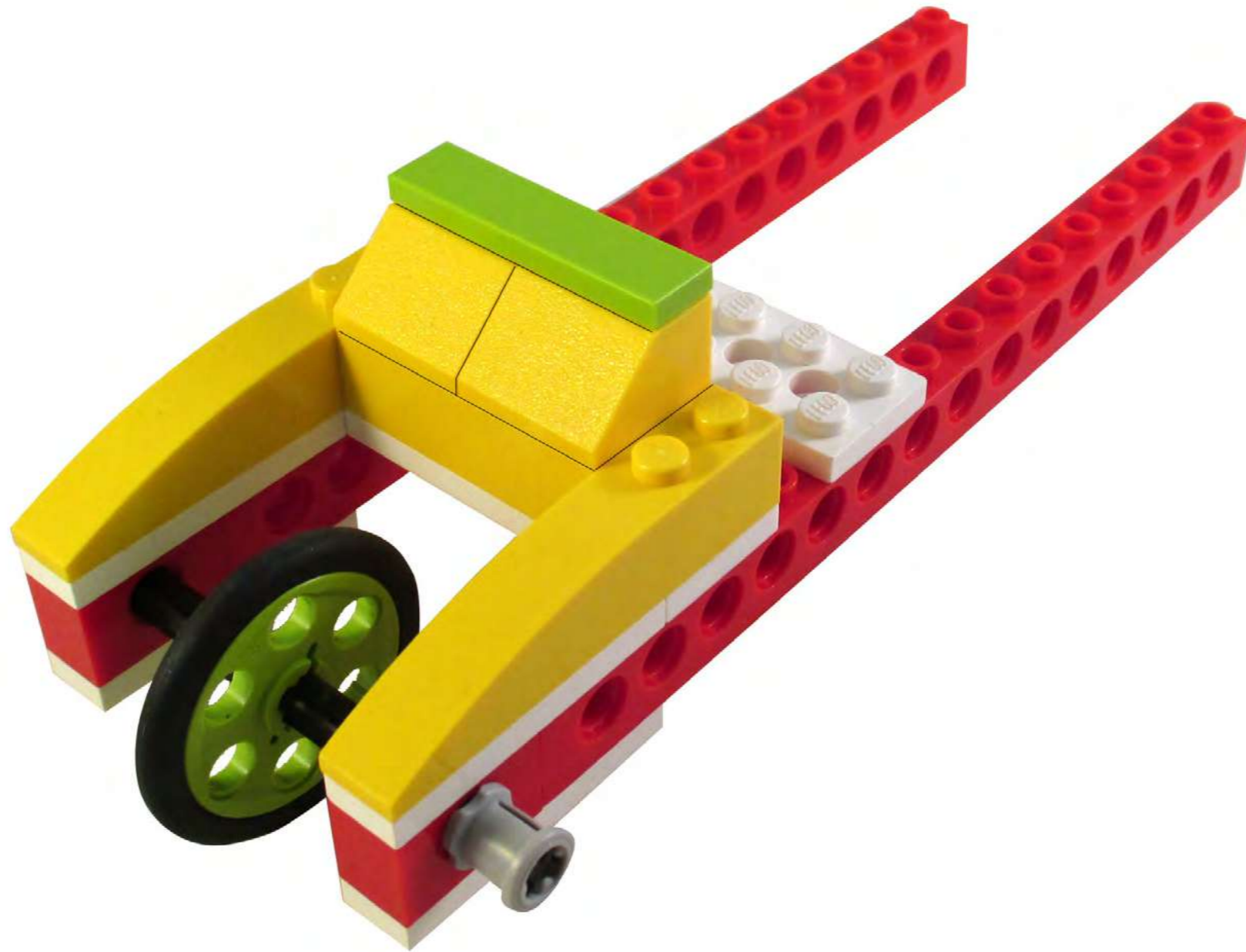
Step 6



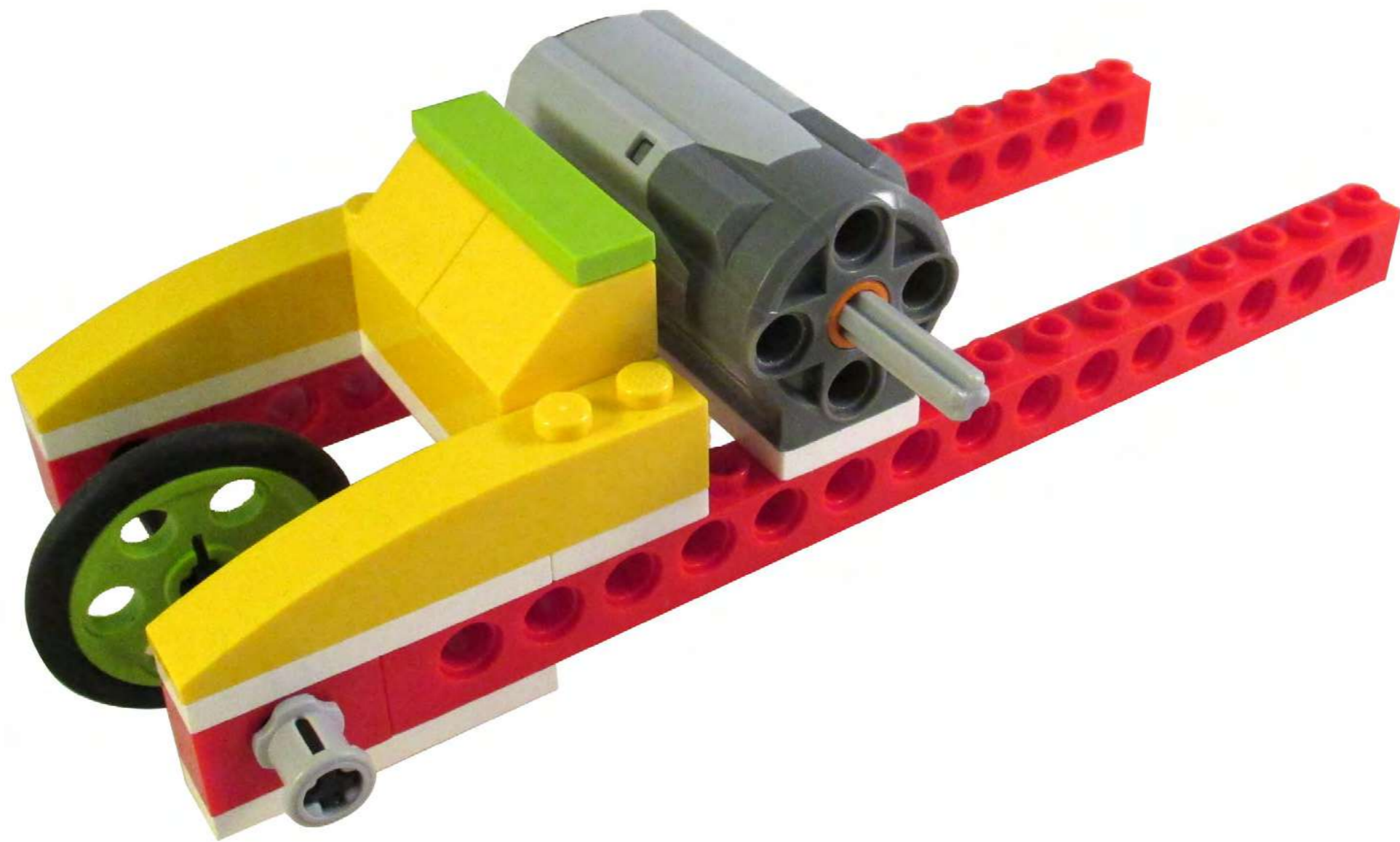
Step 7



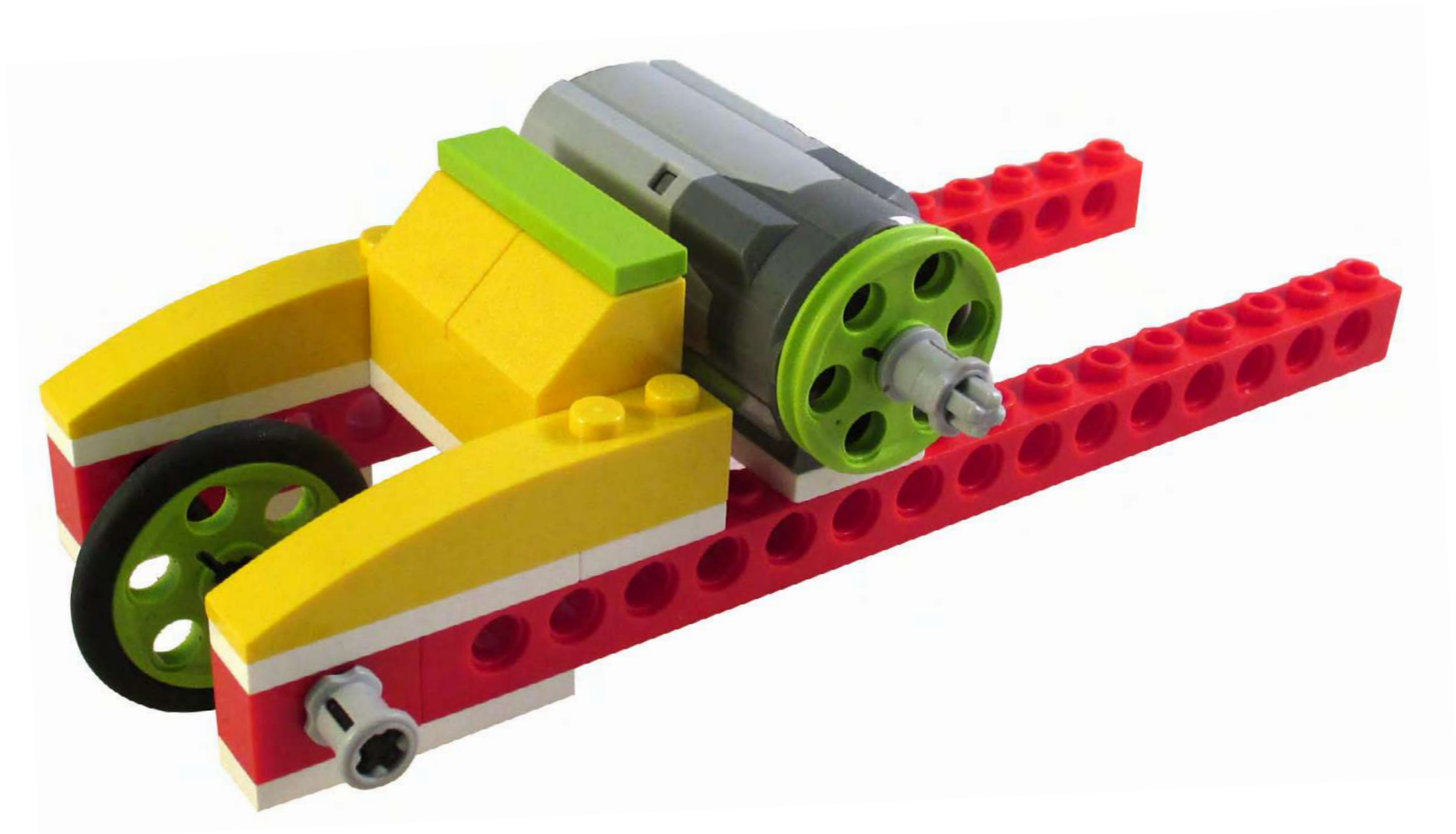
Step 8



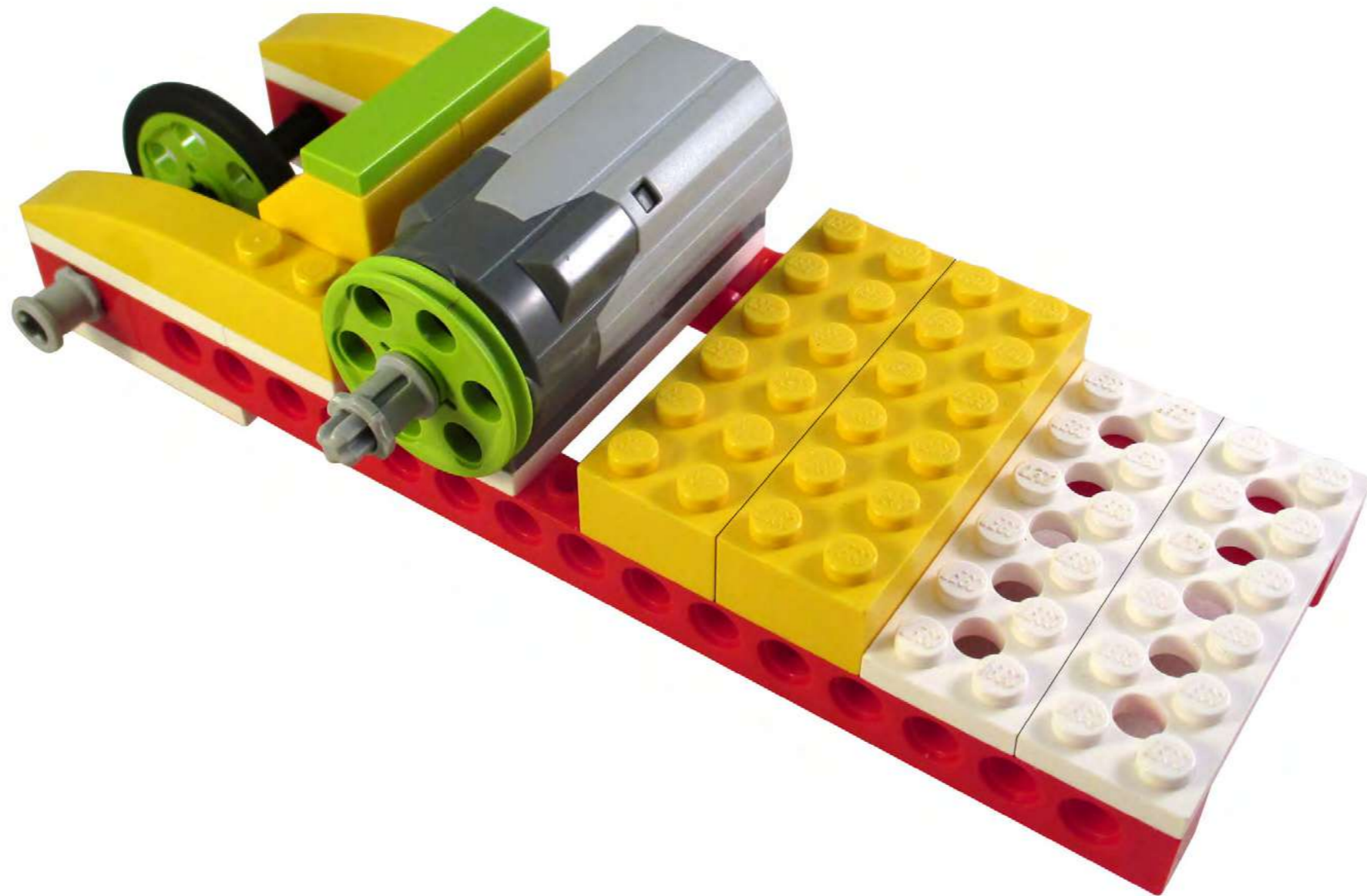
Step 9



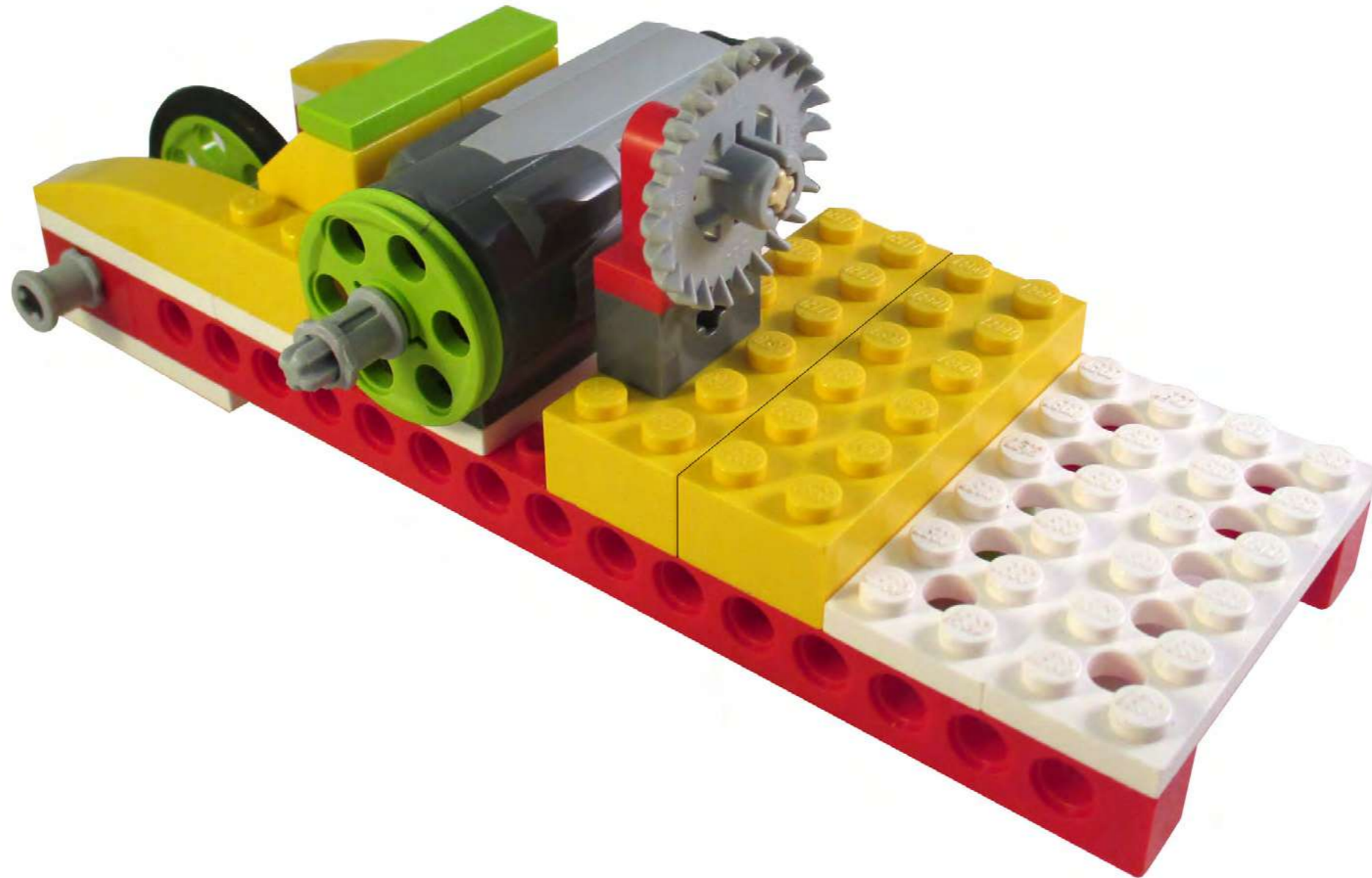
Step 10



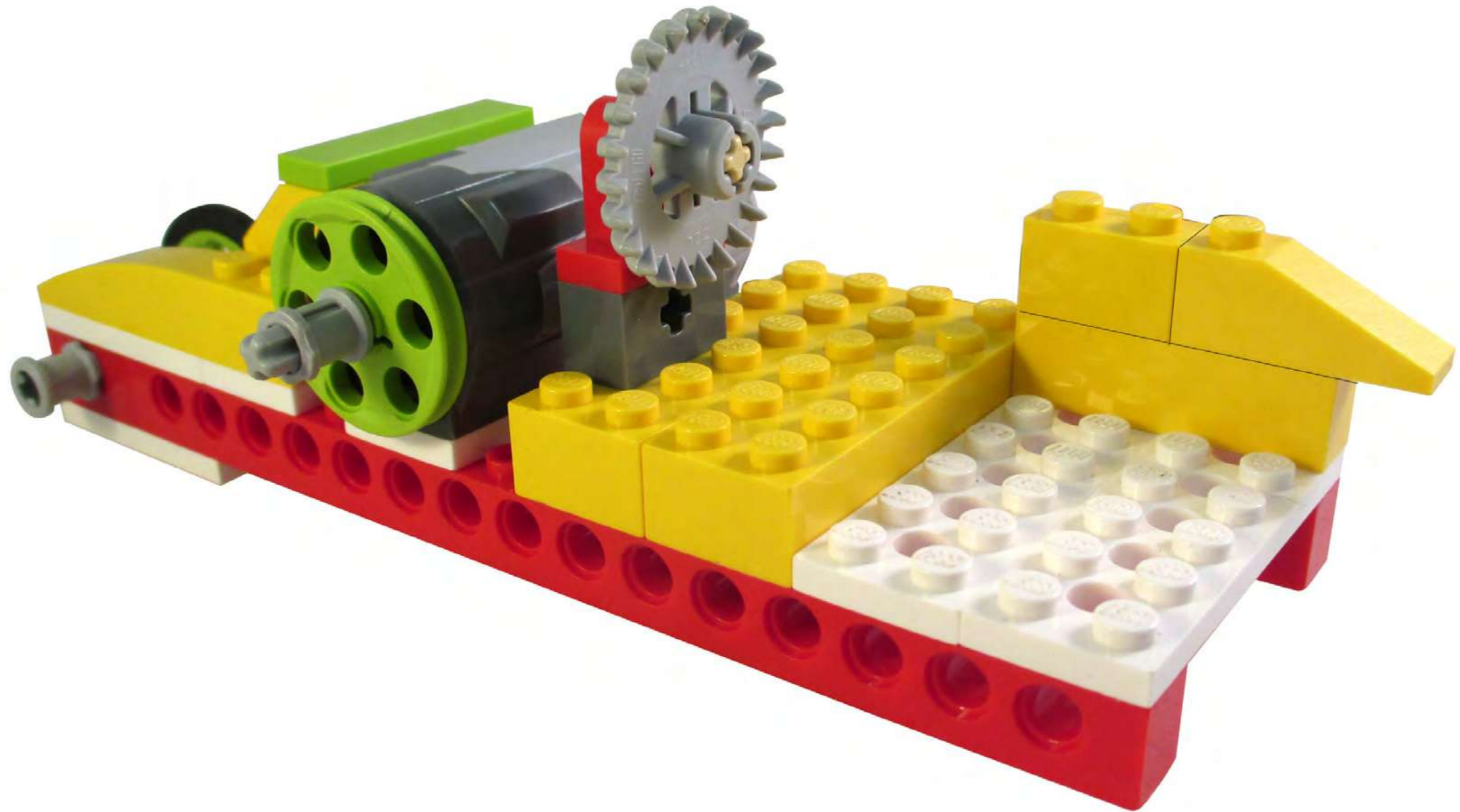
Step 11



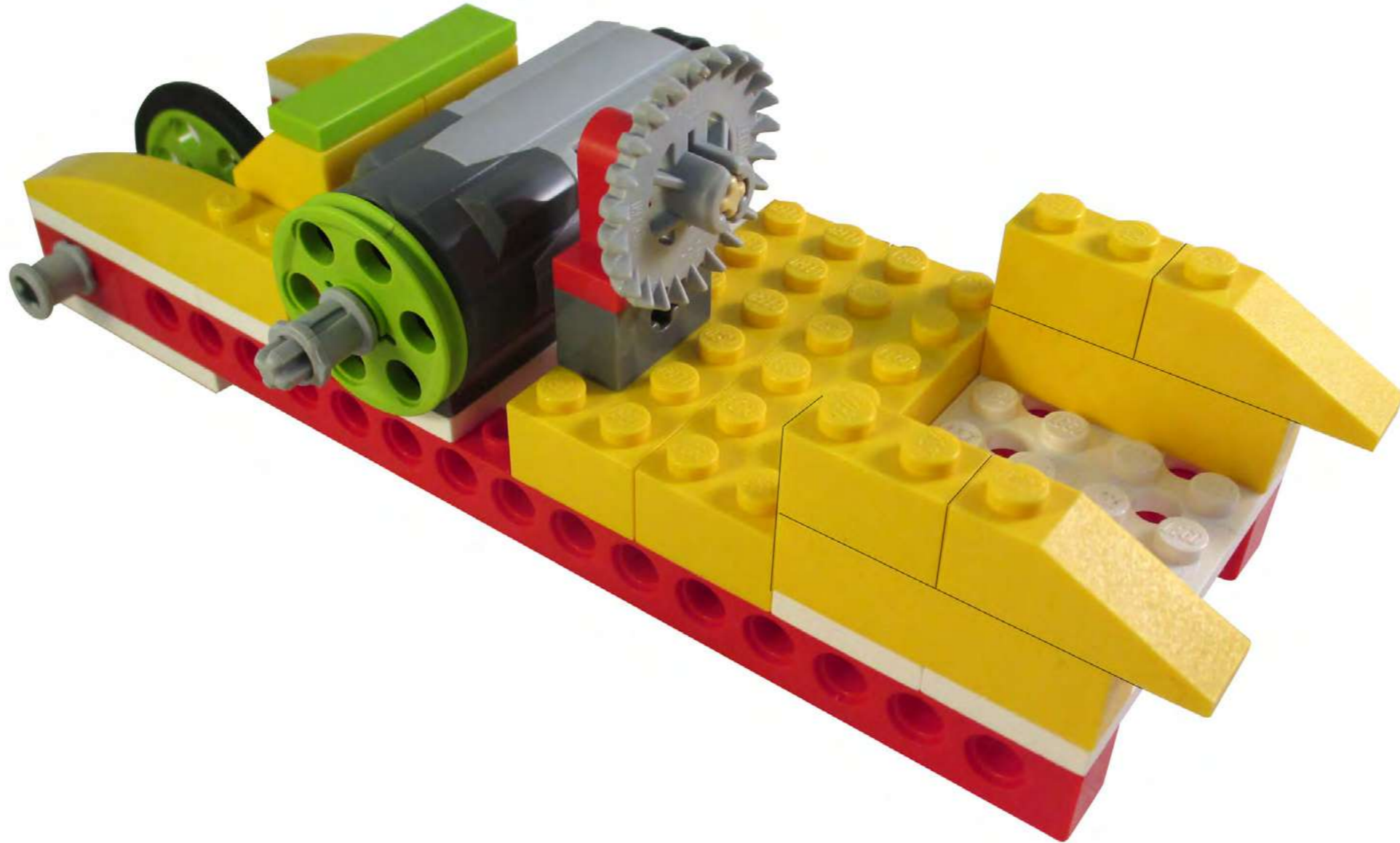
Step 13



Step 14



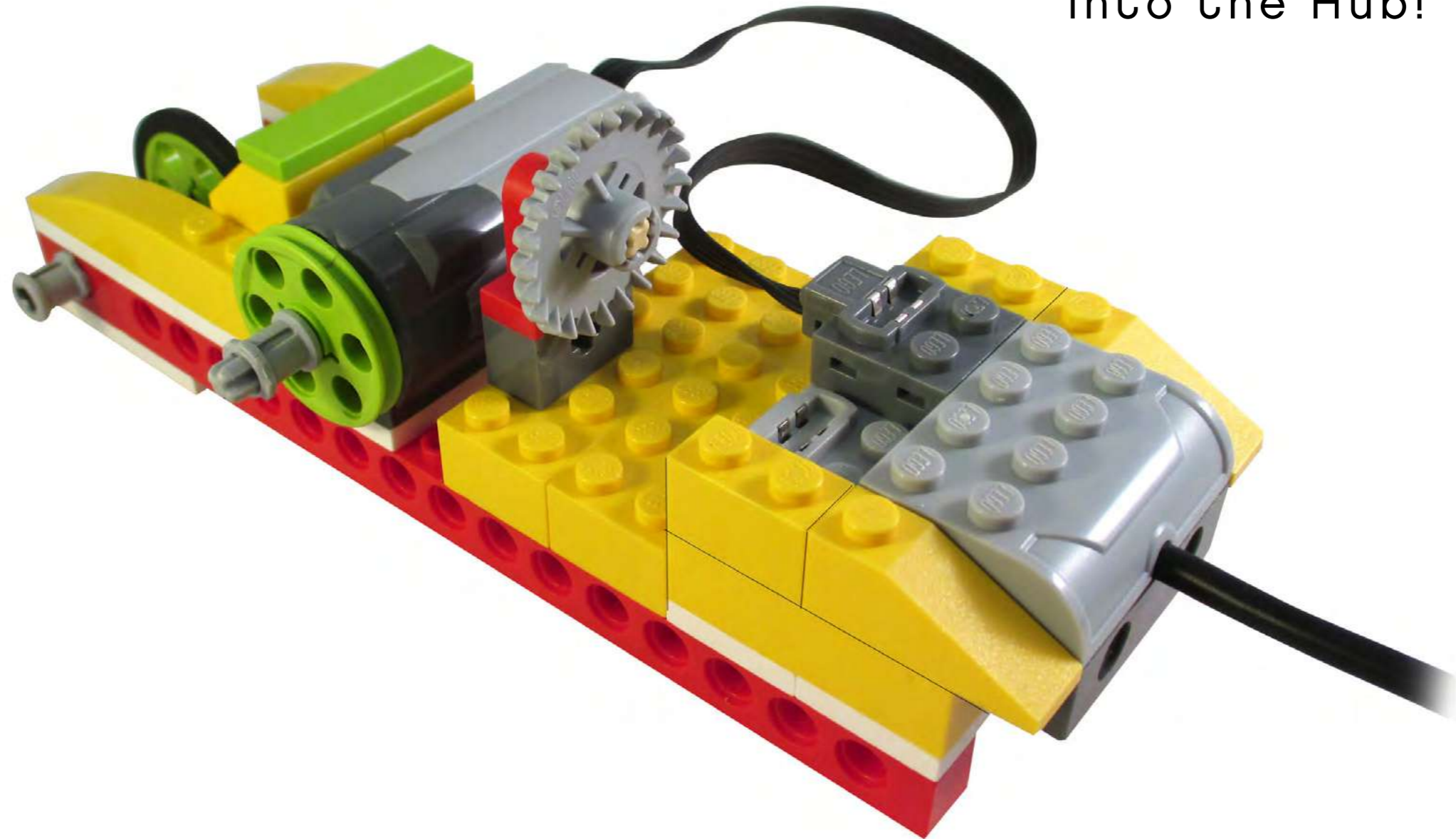
Step 15



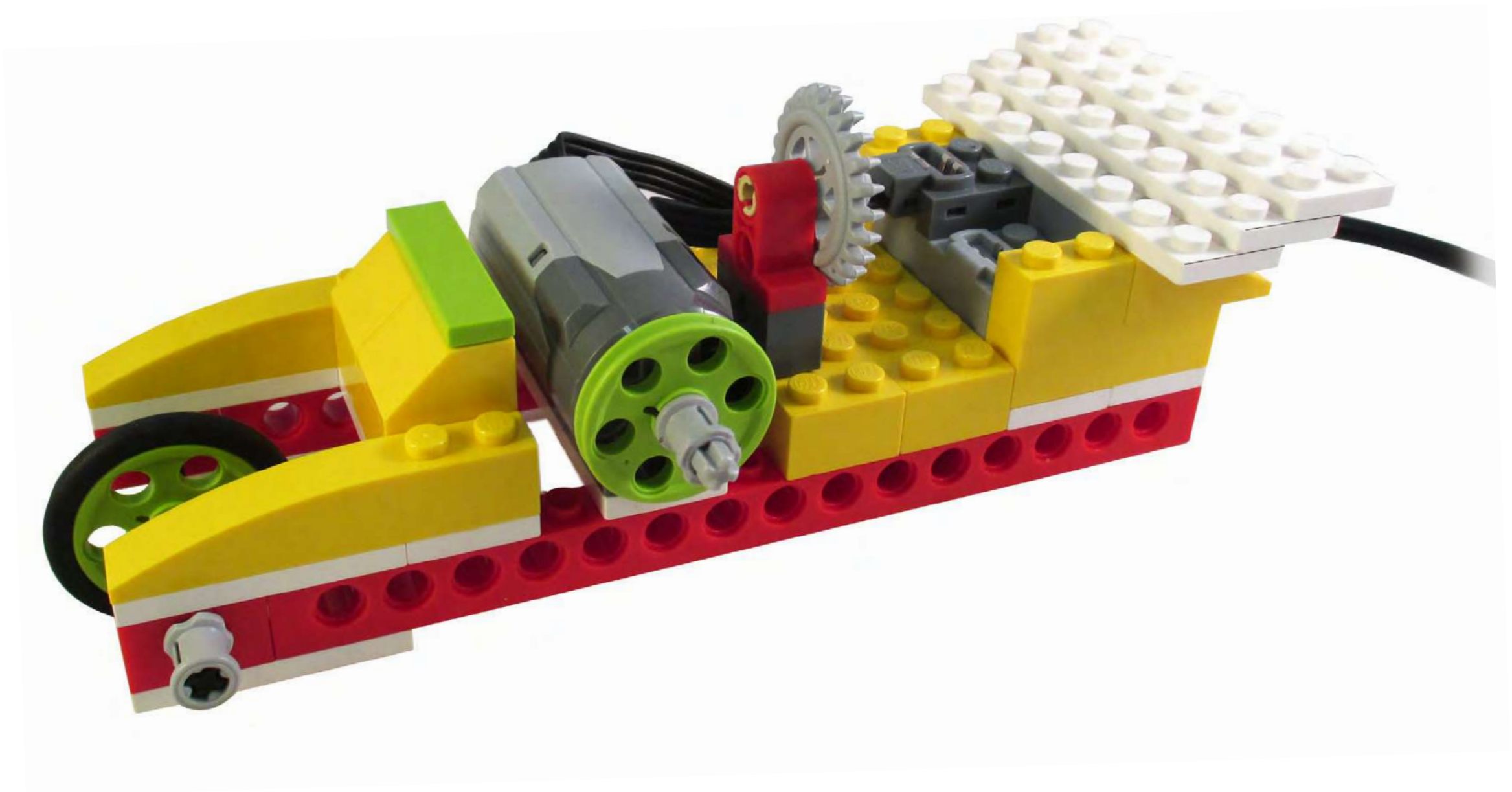
Step16



Plug the motor
into the Hub!

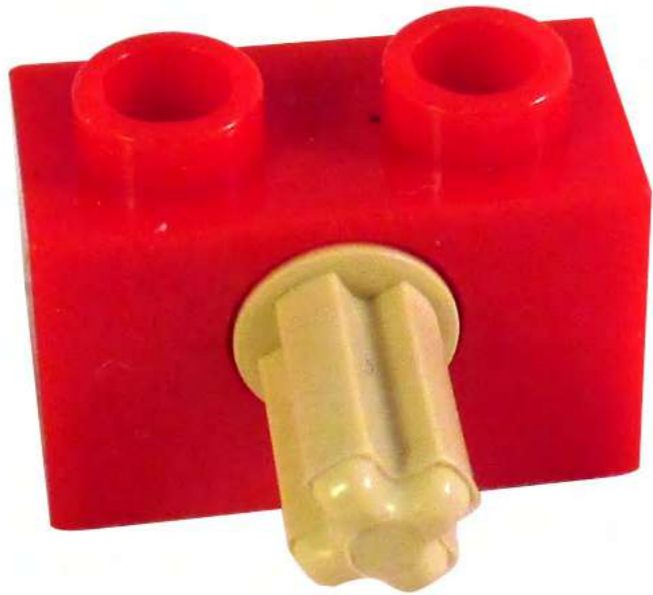


Step 17



Step 18

a.



b.



Step 19



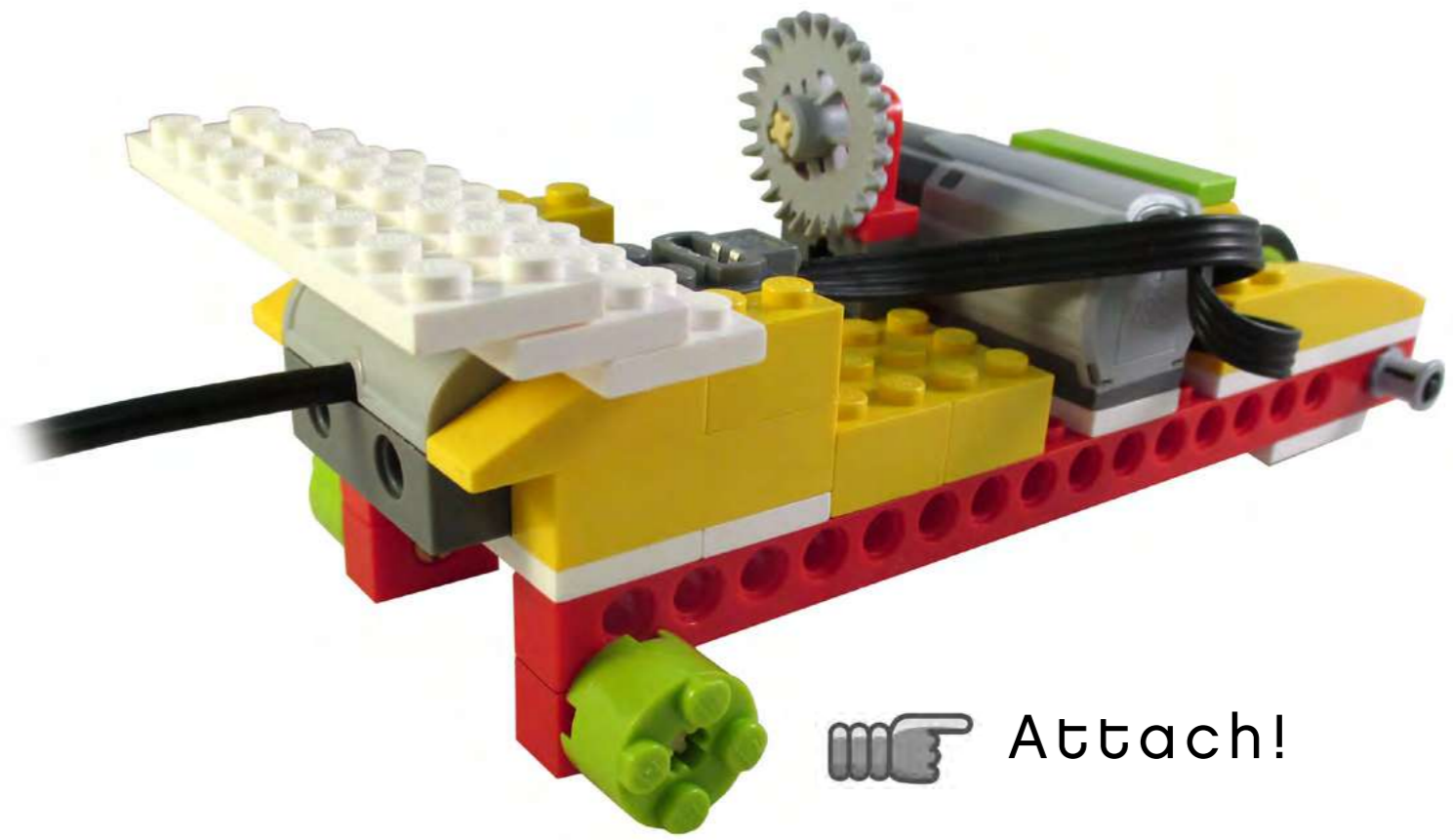
 Attach!

Step 20

a.

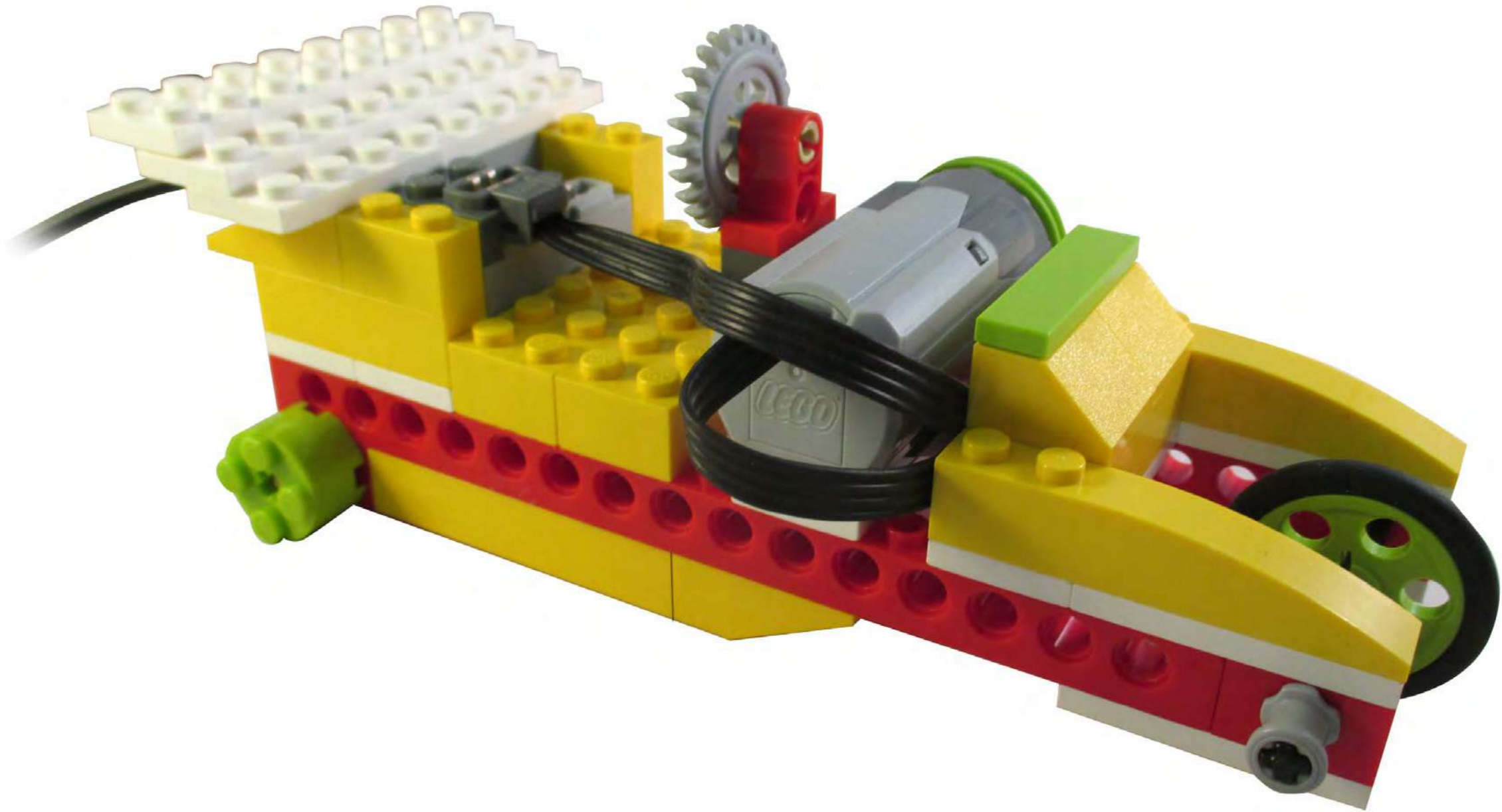


b.



 Attach!

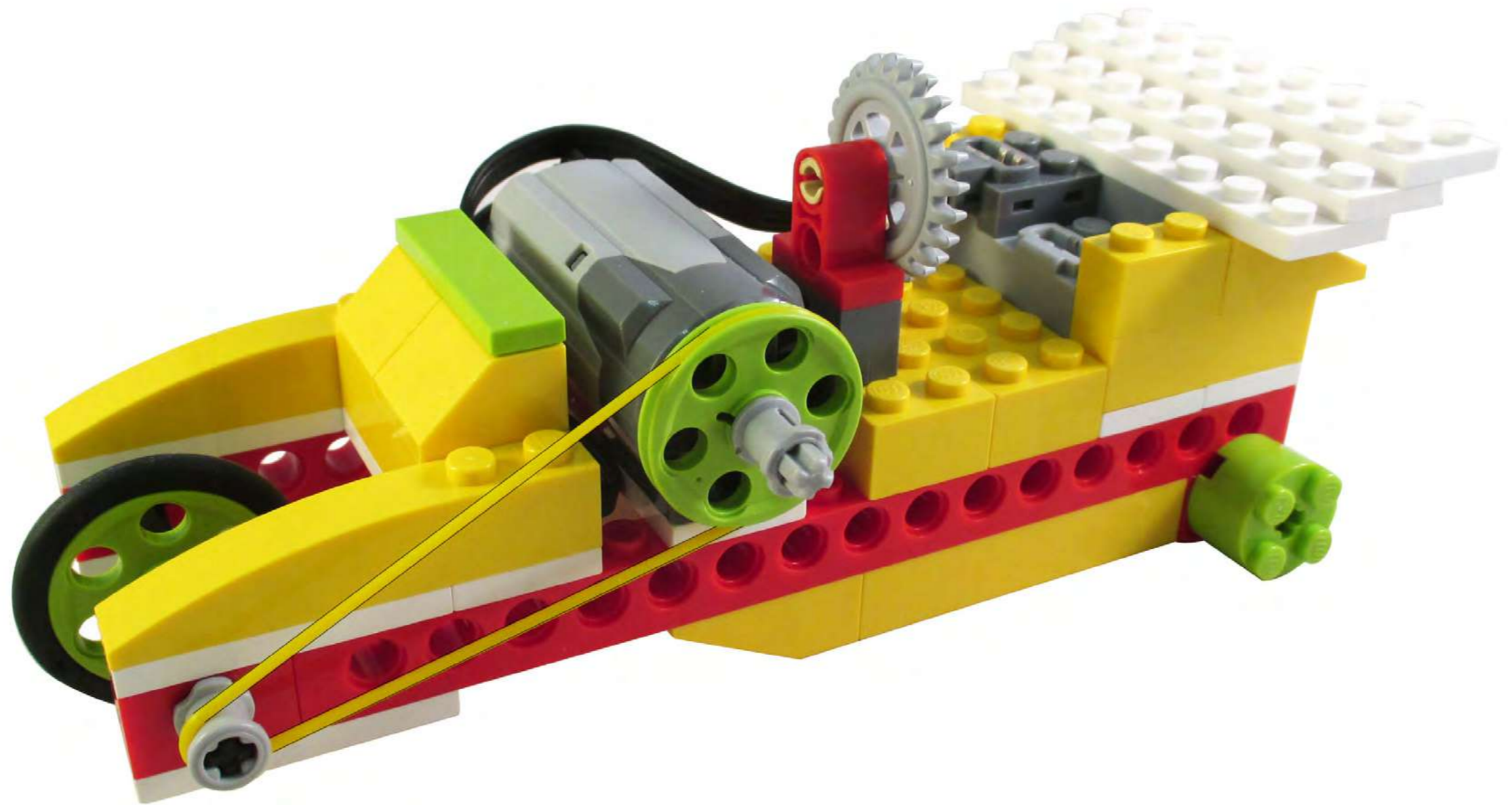
Step 21



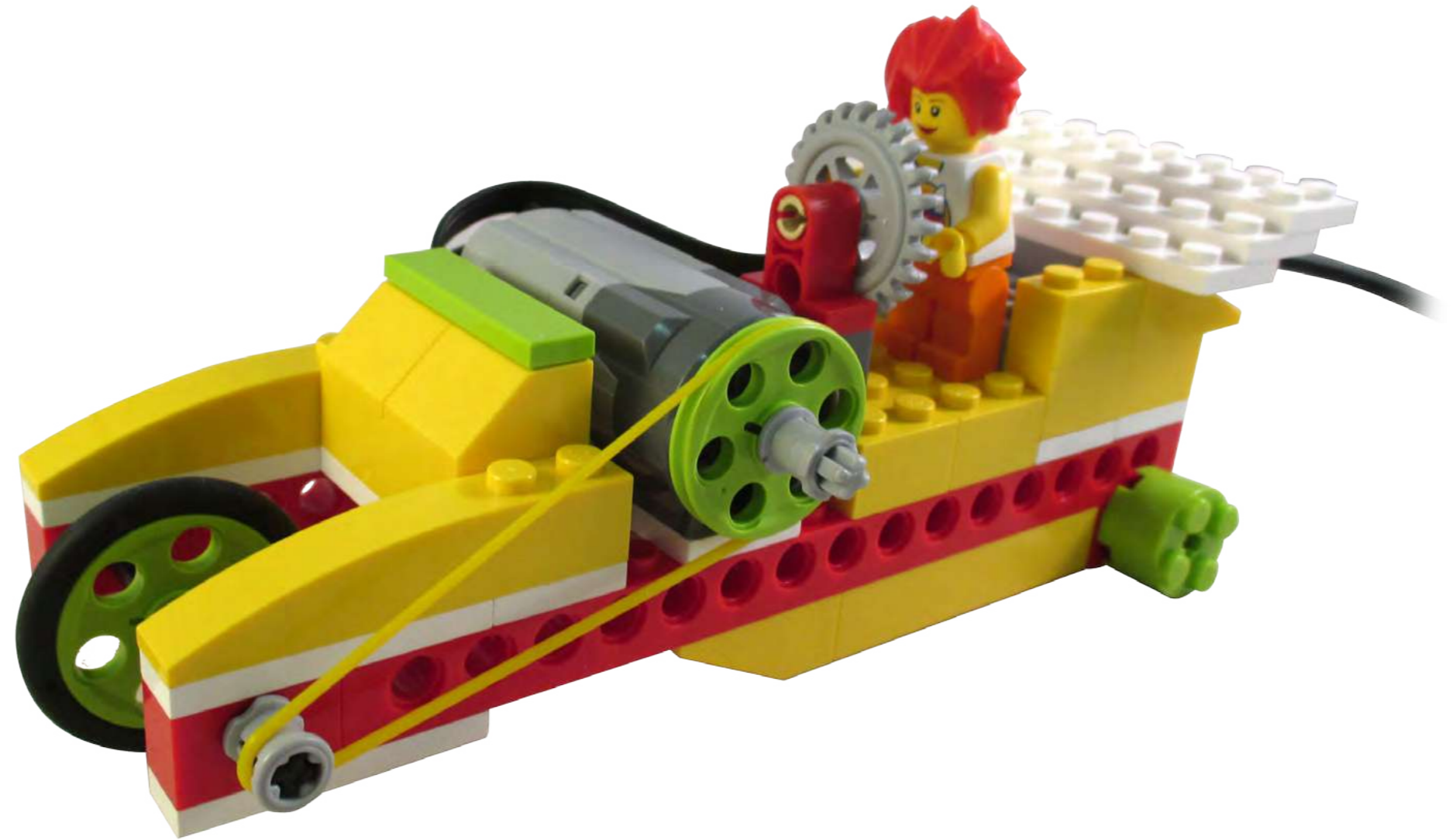
Step 22



Step 23

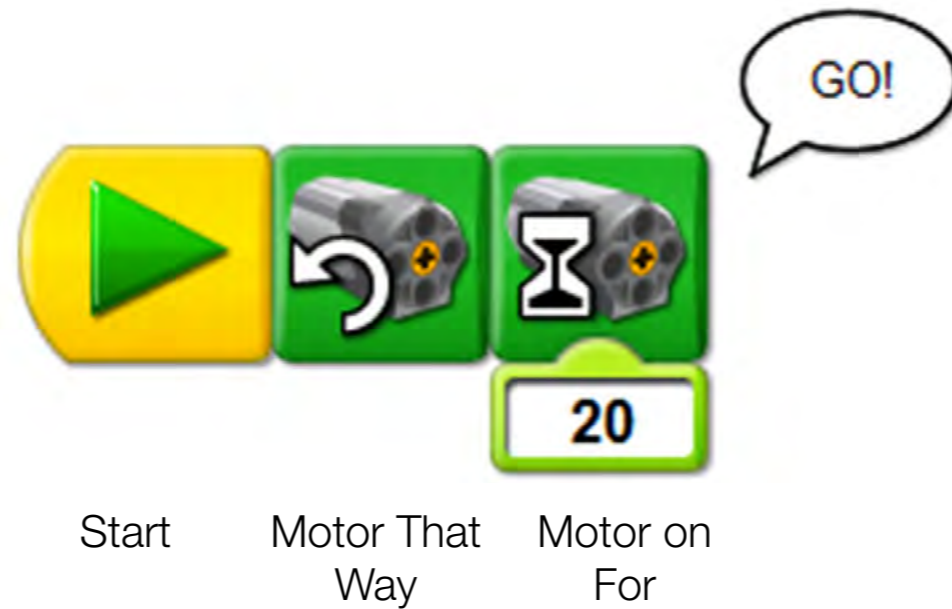


Your Le-GO Kart is Built!...
Time to Program it!



Programming

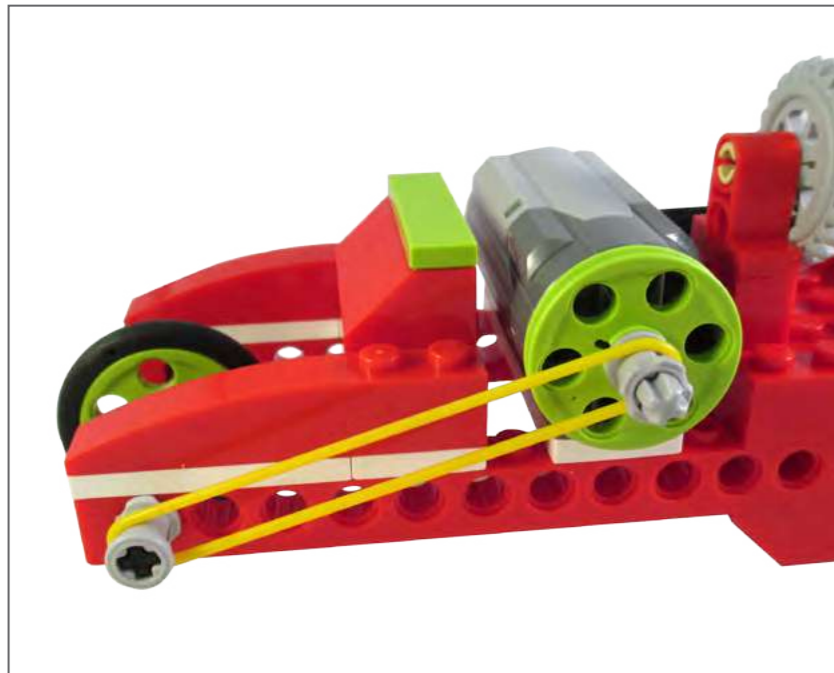
This Program Turns on the Motor For a specific amount of time.



1. Minimize these instructions and open the LEGO® WeDo® software.
2. Program your robot with the program above.
3. If you finish, open the instructions and continue to the extension activities!

Extension 1

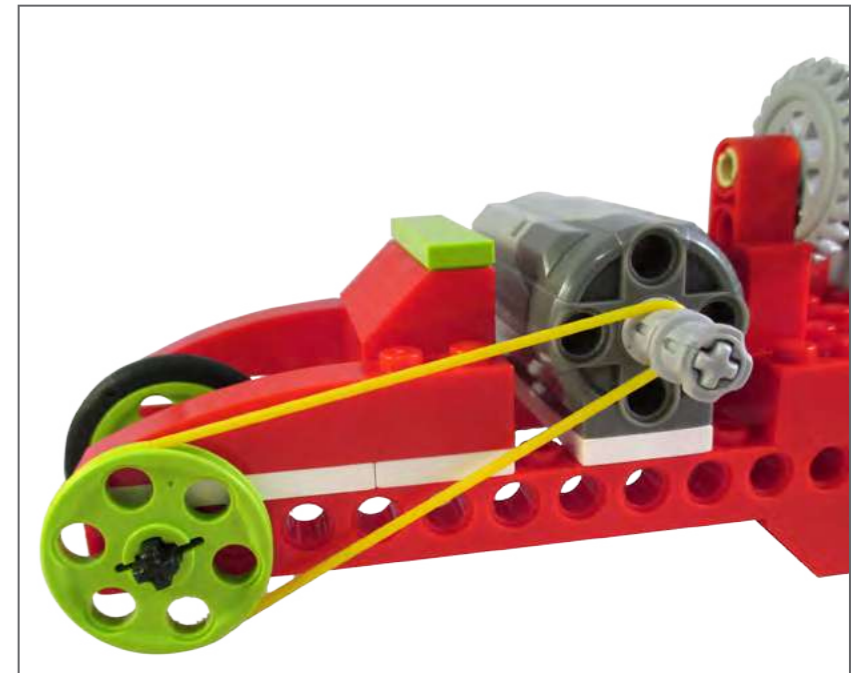
Change the size of the pulley wheel and configuration of the rubber band to see how that affects the speed and direction.



Small Wheel
Driving Small Wheel



Criss-Cross
Rubber Band



Small Weel
Driving Big Wheel

Extension 2

This program turns the motor and adds Sound and Display Background blocks.



Extension 3

This program gives you a countdown to start your race!

