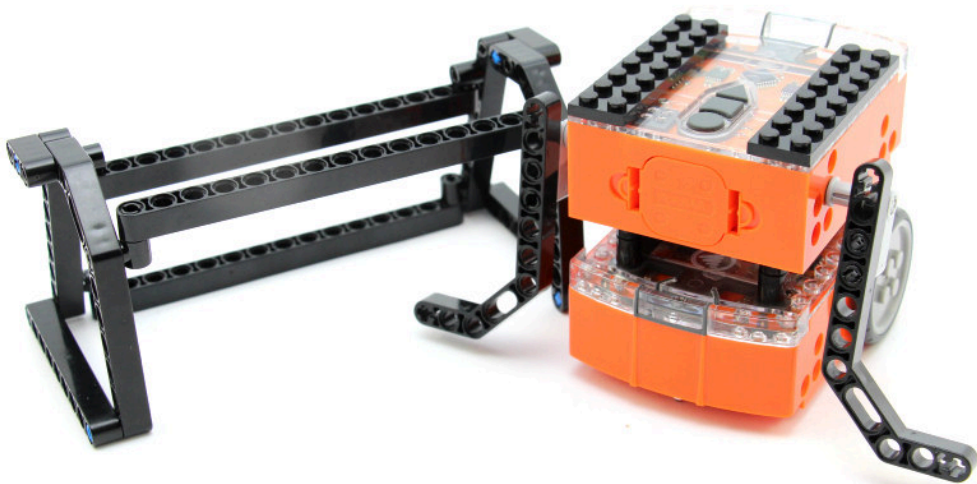




# EdHockey

EdEngineering – Pack 1

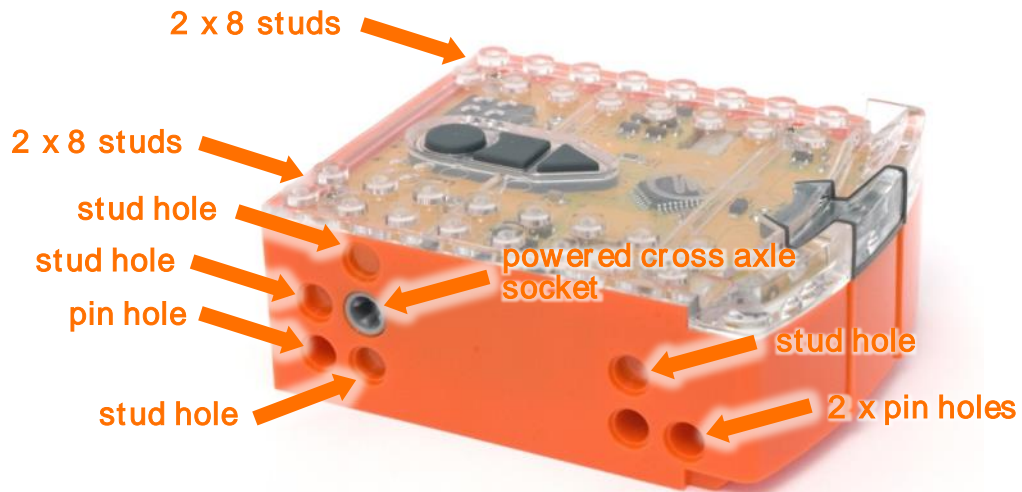


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[MyBrick.com.au](http://MyBrick.com.au)

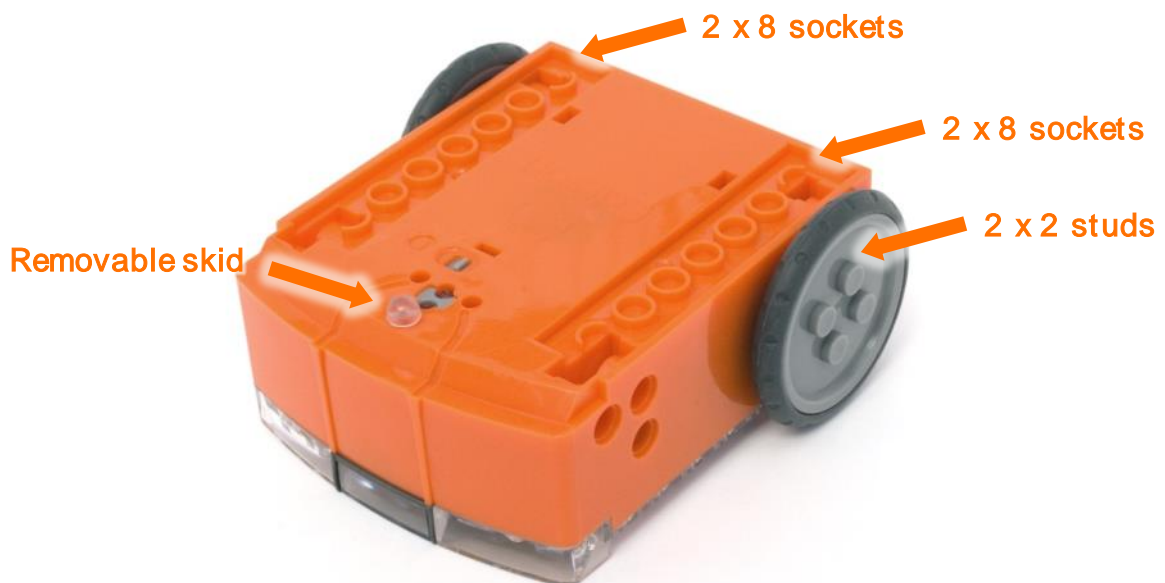
## Edison and LEGO compatibility

LEGO bricks can be attached to the top and bottom of the Edison robot and LEGO pegs can be attached on the sides. There are three types of holes on the side of Edison:



Edison's side and top LEGO connections

Hole type	Description	Connects to
Pin hole	Full depth for connecting pegs	
Stud hole	Normal stud depth can be used for half pegs	
Cross axle	Powered output that rotates	



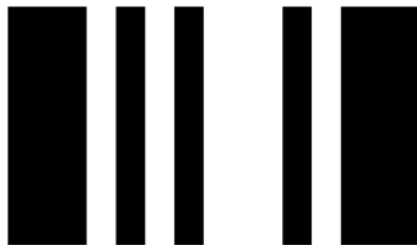
Edison's bottom and wheel LEGO connections

# Program Hockey Sticks Edison

Drive the top Edison over the following barcodes. Use buttons that correspond well with sticks clockwise and sticks anti-clockwise on the remote control, but don't use the buttons that you want to drive the EdHockey with. See suggested button arrangement below, although your remote control will likely be different.

## Reading the barcode

1. Place Edison facing the barcode on the right side
2. Press the record (round) button 3 times
3. Edison will drive forward and scan the barcode
4. Press a button on your TV/DVD remote that you want to activate that function



Barcode – IR learn clockwise



Barcode – IR learn anti-clockwise



## Suggested button setup

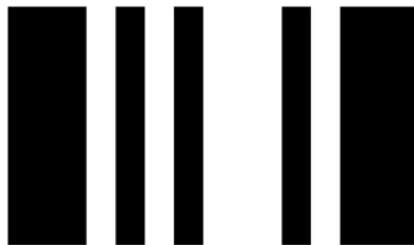


# Program driving Edison

The bottom Edison will control the movement of EdHockey (forwards, backwards, spin left and spin right). Drive this Edison over the following barcodes. Use buttons that correspond well with the driving manoeuvres on the remote control, but don't use the buttons that you want to control the bucket with.

## Reading the barcode

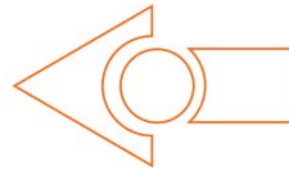
1. Place Edison facing the barcode on the right side
2. Press the record (round) button 3 times
3. Edison will drive forward and scan the barcode
4. Press a button on your TV/DVD remote that you want to activate that function



Barcode – IR learn drive forward



Barcode – IR learn drive backward



Barcode – IR learn spin right



Barcode – IR learn spin left



# EdHockey Parts



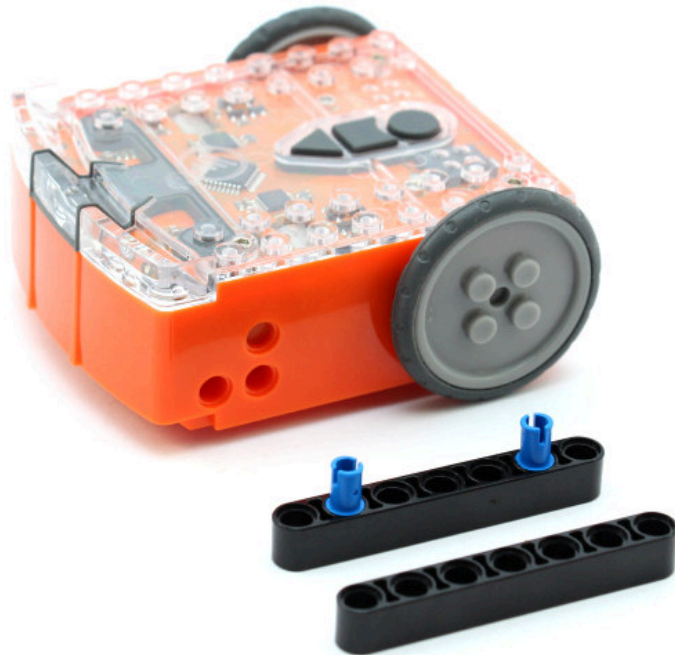
## Step 1



## Step 2



## Step 3



## Step 4



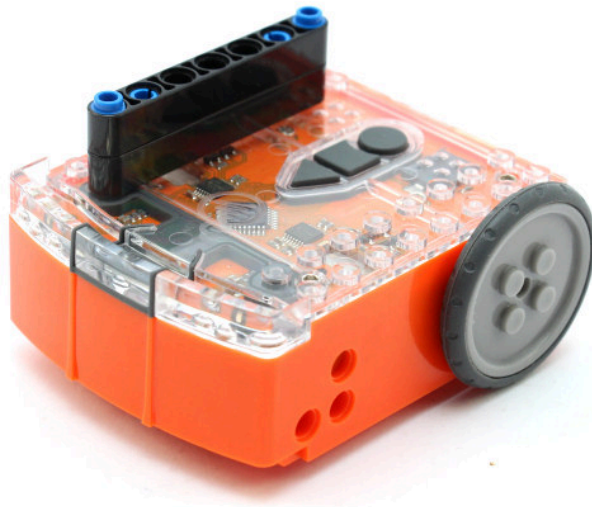
## Step 5



## Step 6

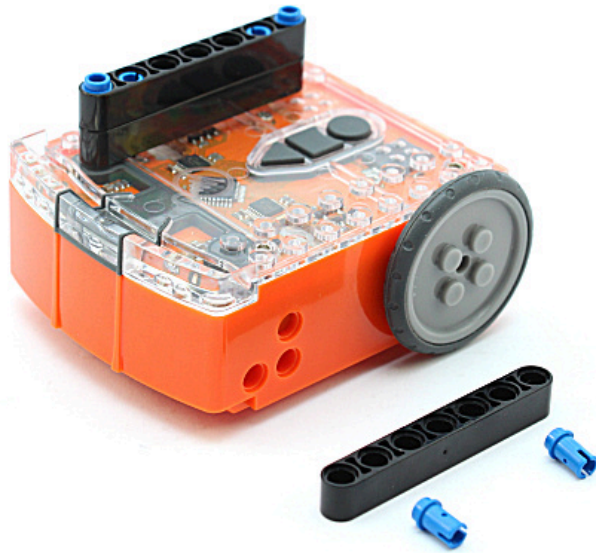


## Step 7

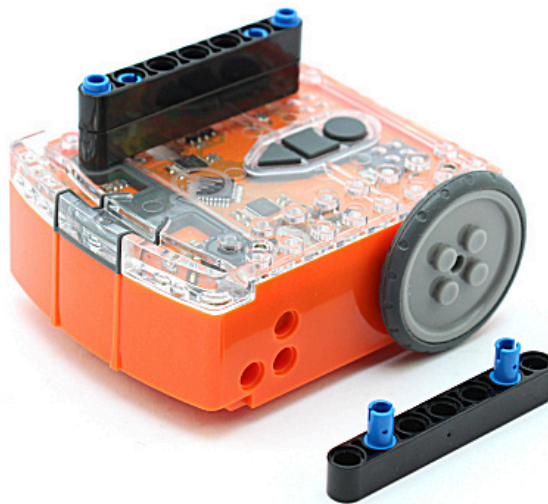




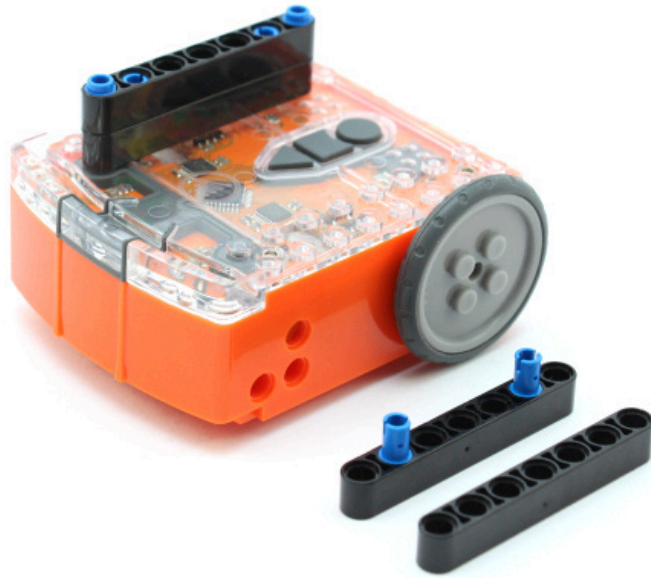
## Step 8



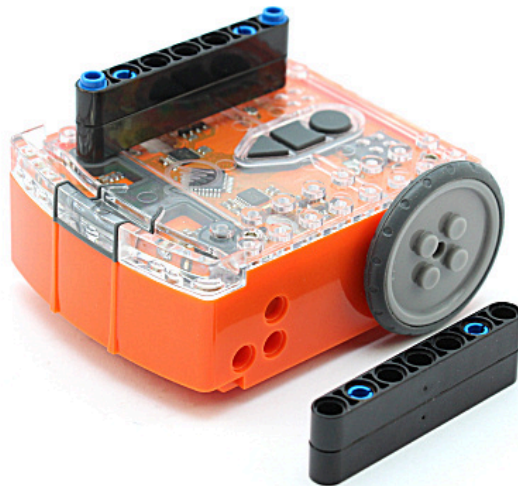
## Step 9



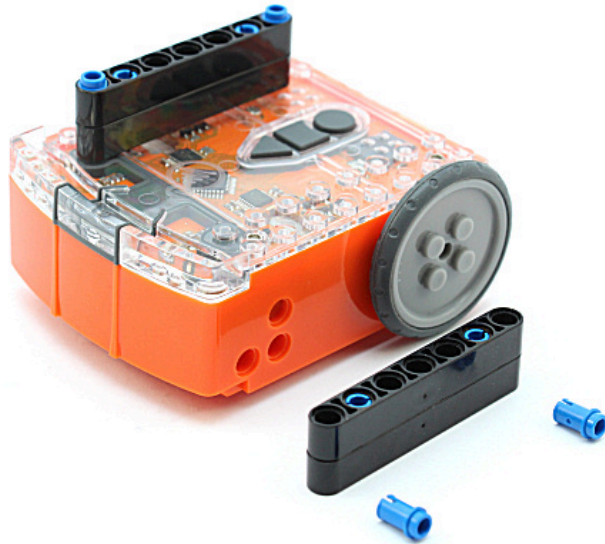
## Step 10



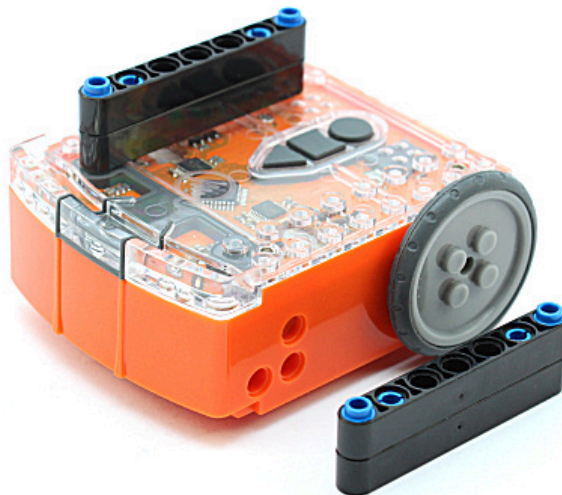
## Step 11



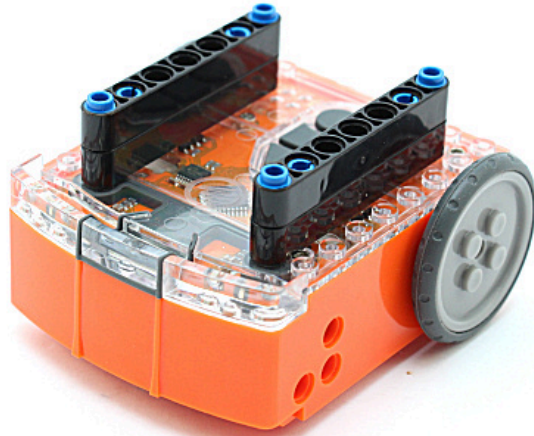
## Step 12



## Step 13

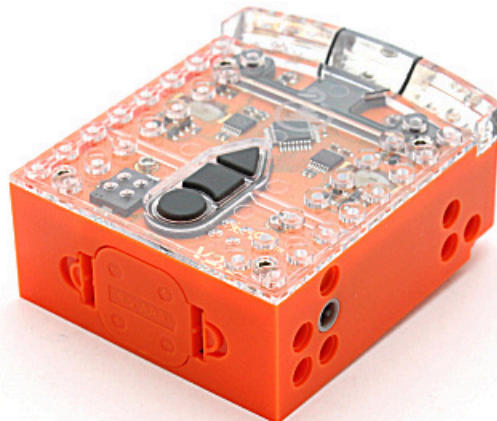


## Step 14

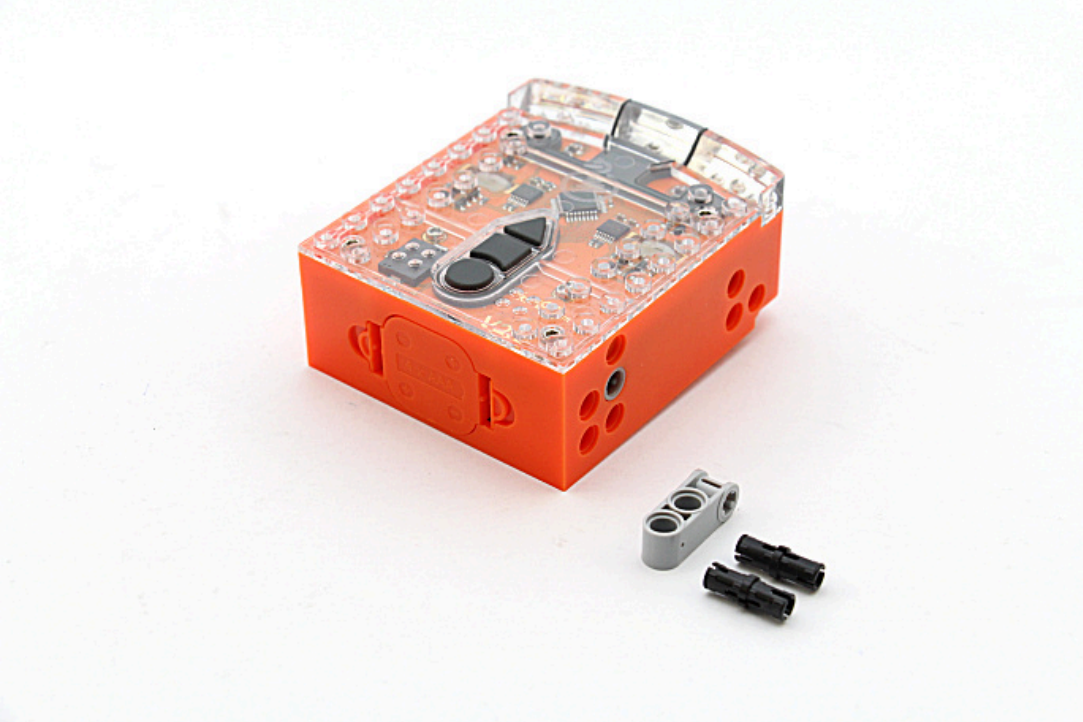


## Step 15

### Edison 2



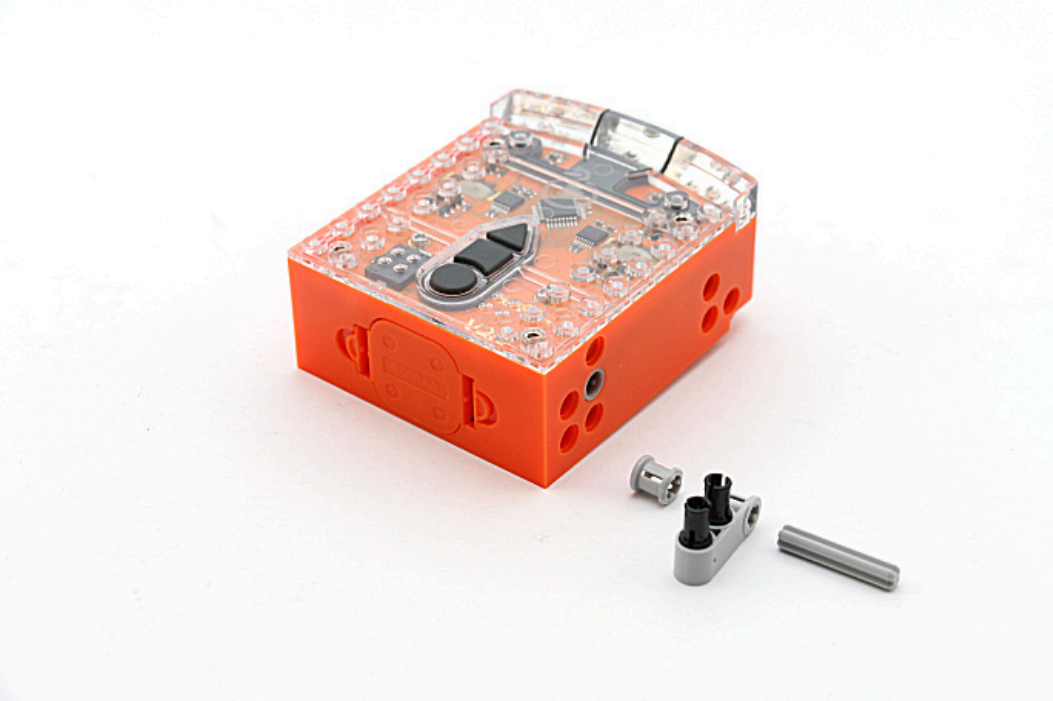
# Step 16



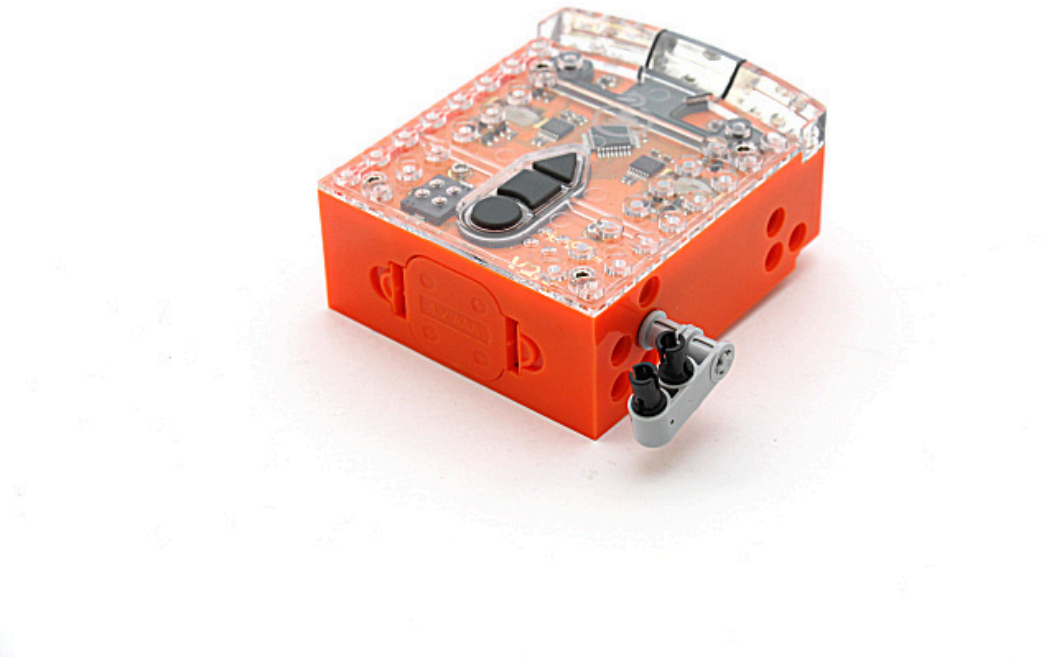
# Step 17



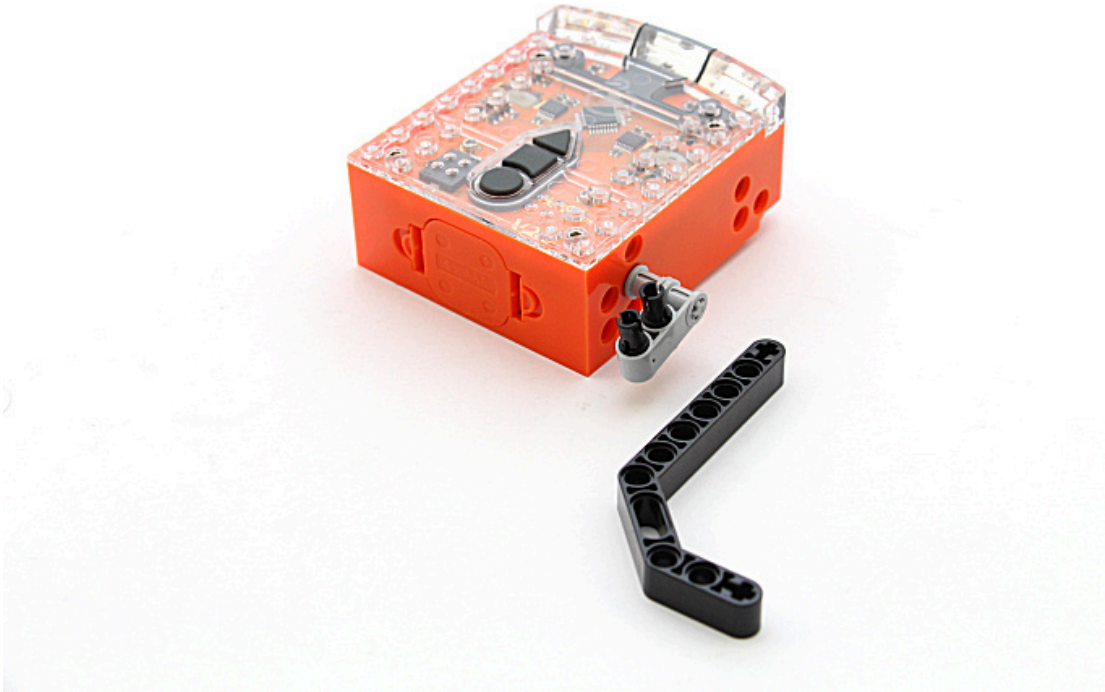
# Step 18



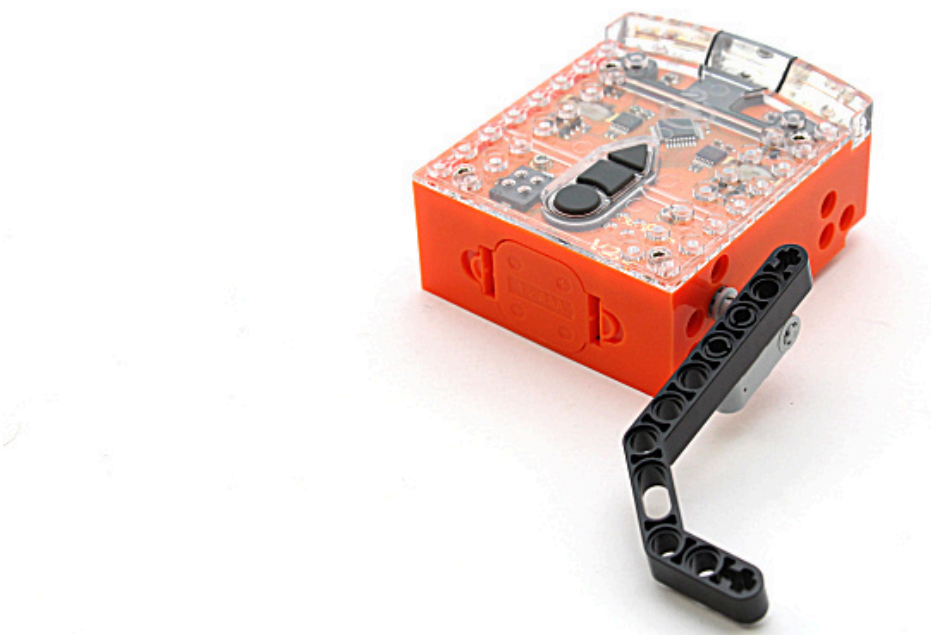
# Step 19



## Step 20



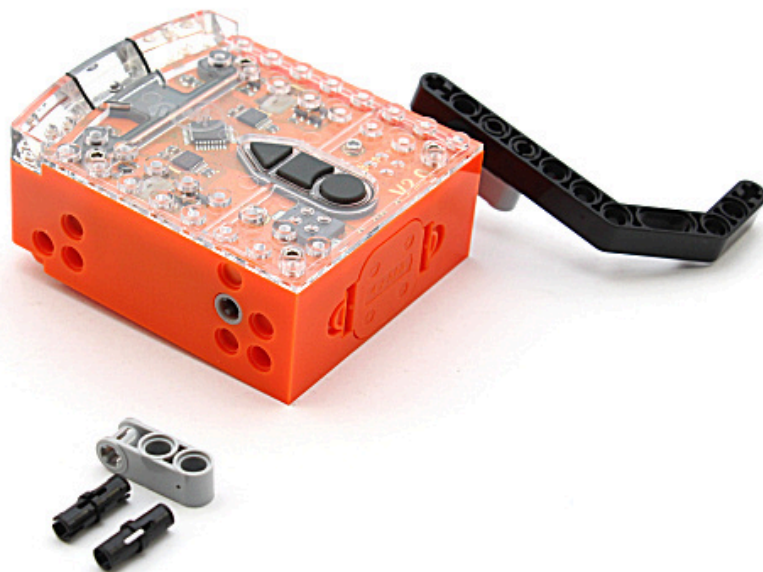
## Step 21



## Step 22

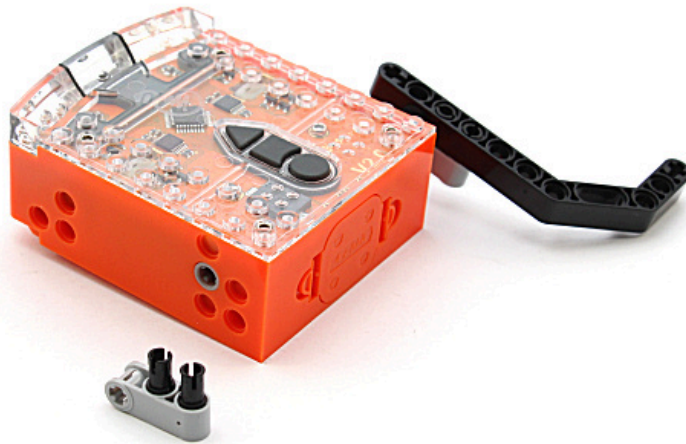


## Step 23

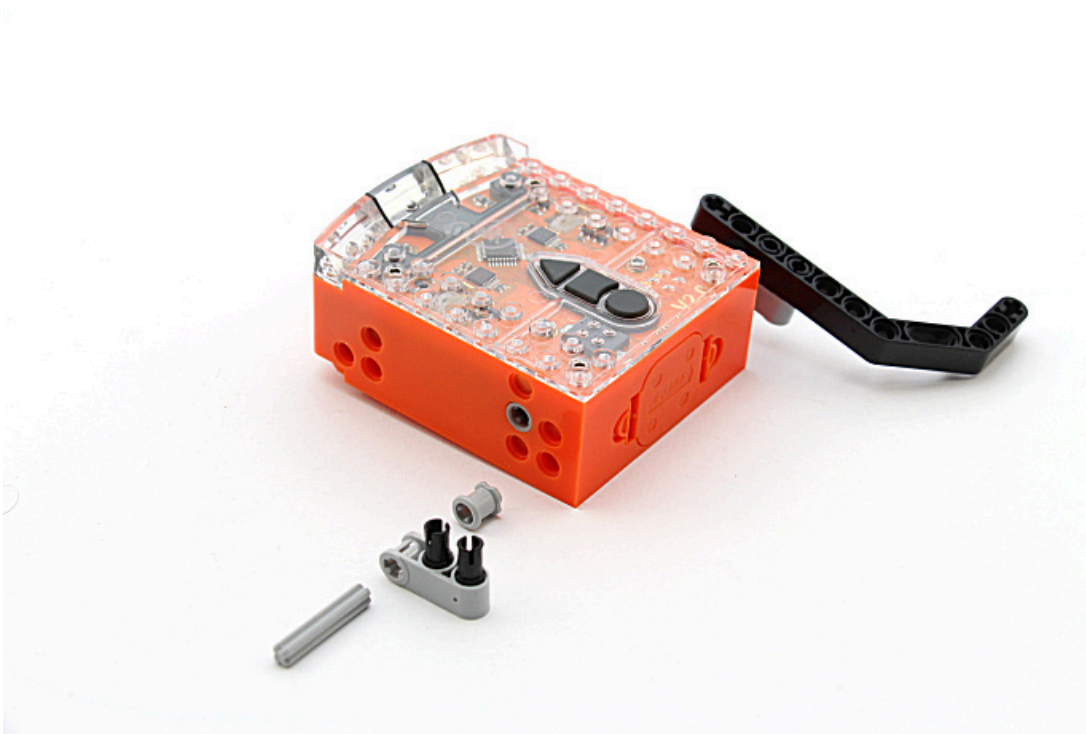




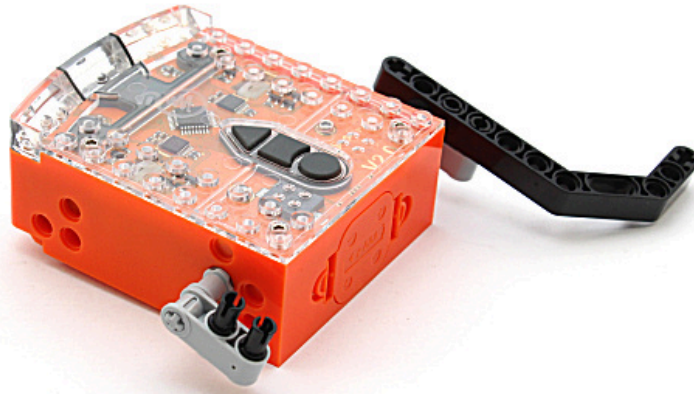
## Step 24



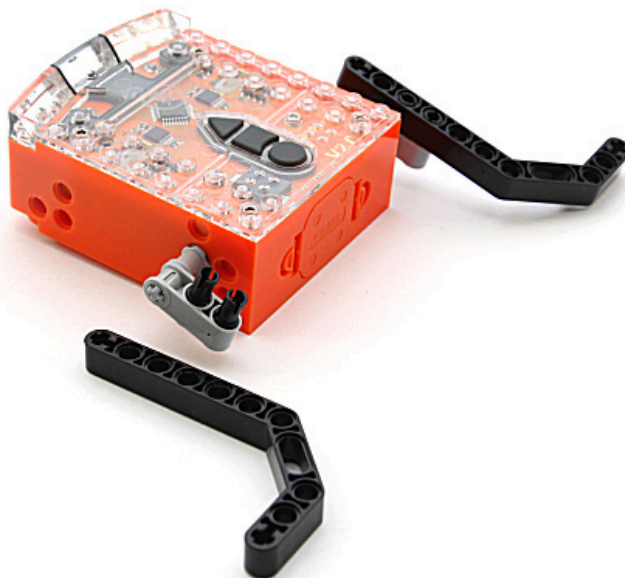
## Step 25



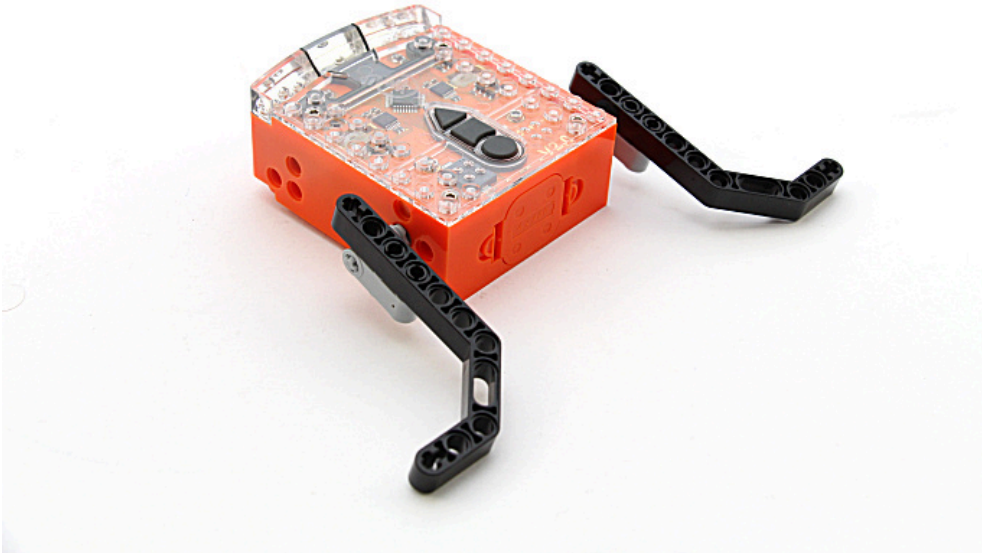
## Step 26



## Step 27

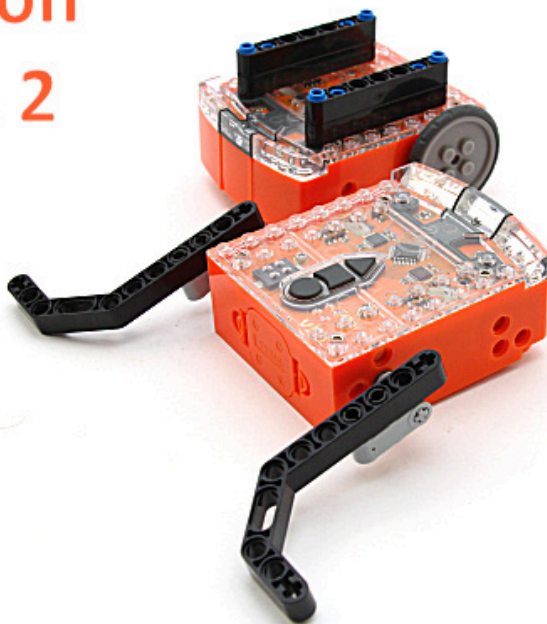


## Step 28



## Step 29

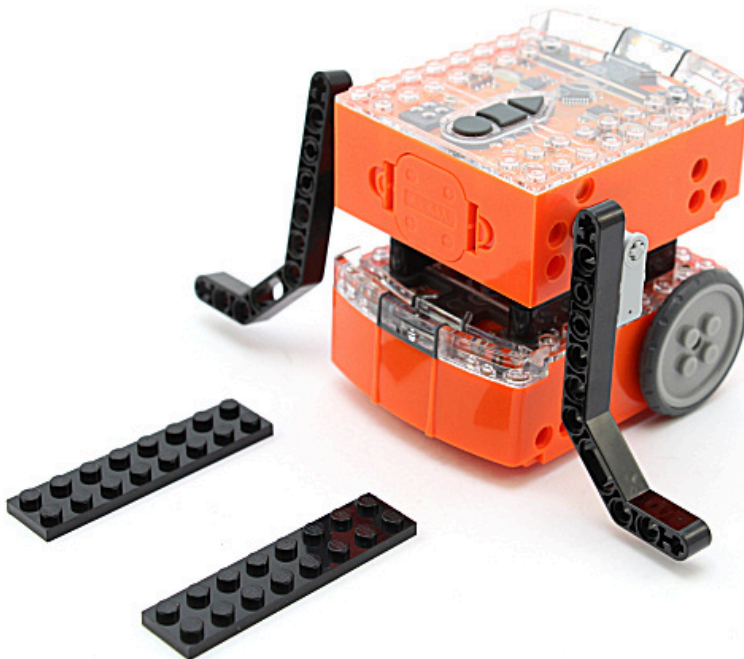
### Edison 1 & 2



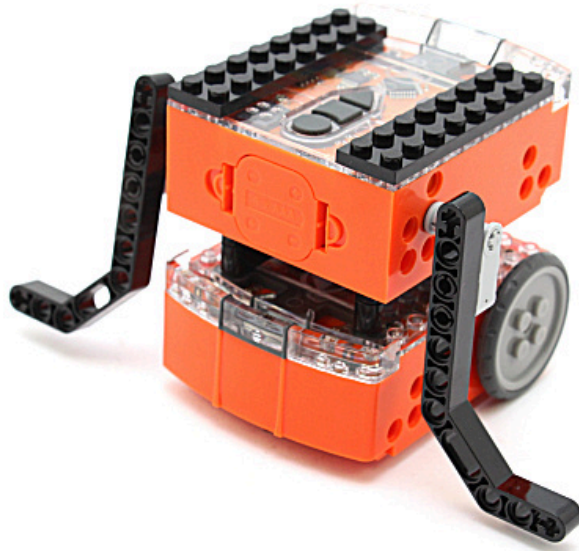
## Step 30



## Step 31



## Step 32



## Step 33

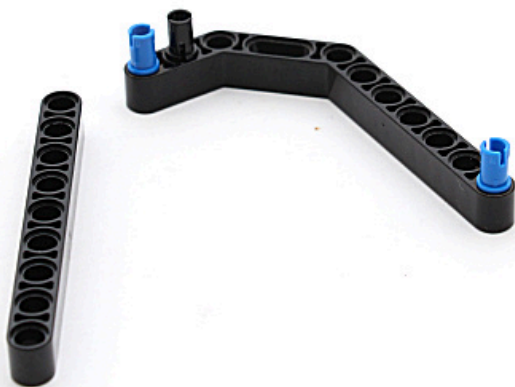
### Goal



## Step 34



## Step 35



## Step 36



## Step 37



## Step 38



## Step 39





# Step 40



# Step 41



## Step 42



## Step 43





# Step 46



# Step 47



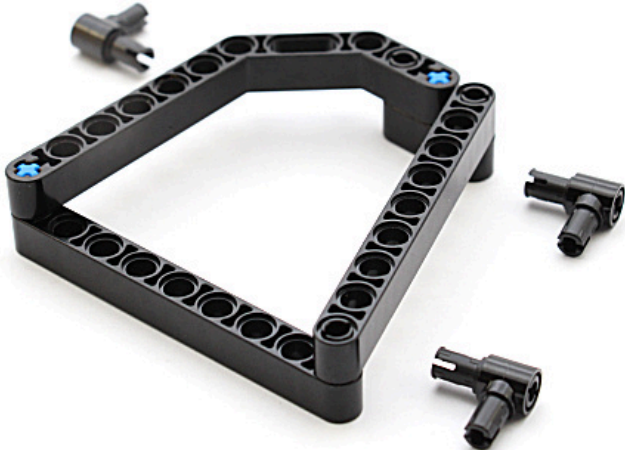
# Step 48



# Step 49



# Step 50



# Step 51



## Step 52



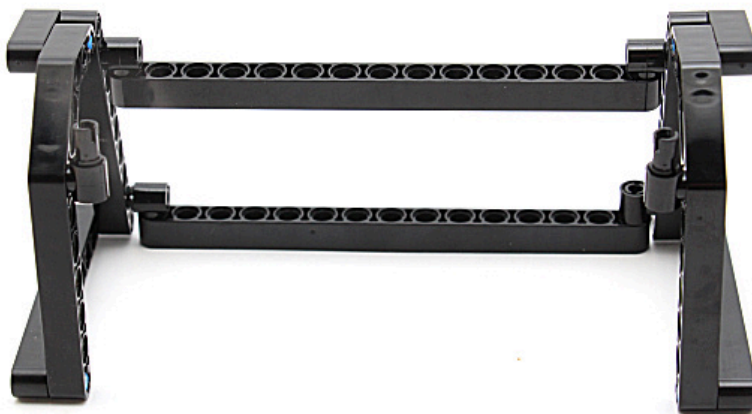
## Step 53



## Step 54

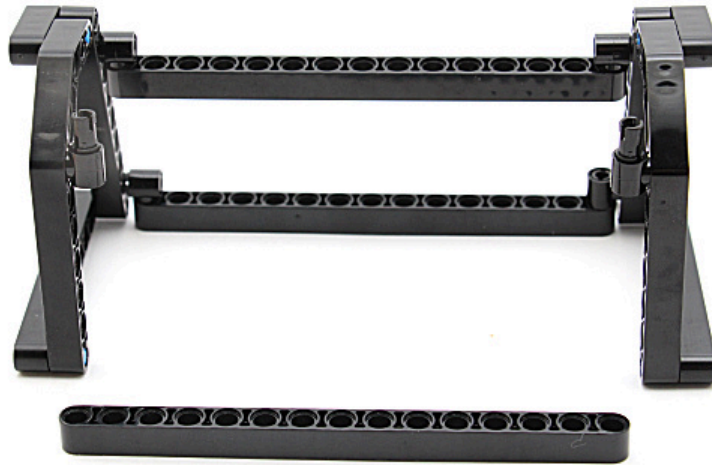


## Step 55

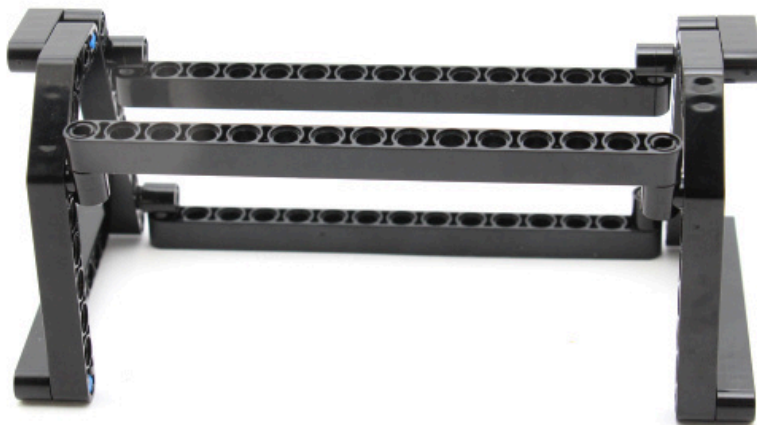




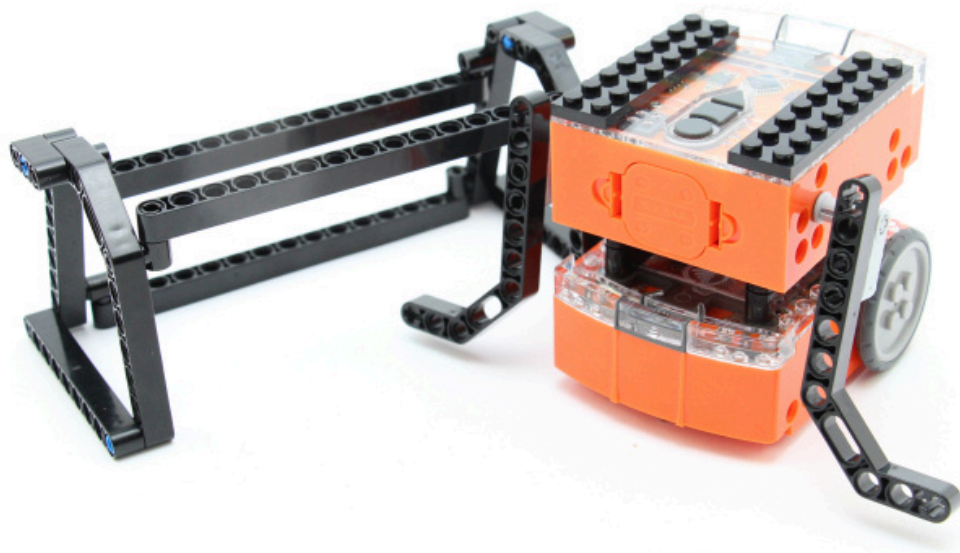
## Step 56



## Step 57



## Ed Hockey



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