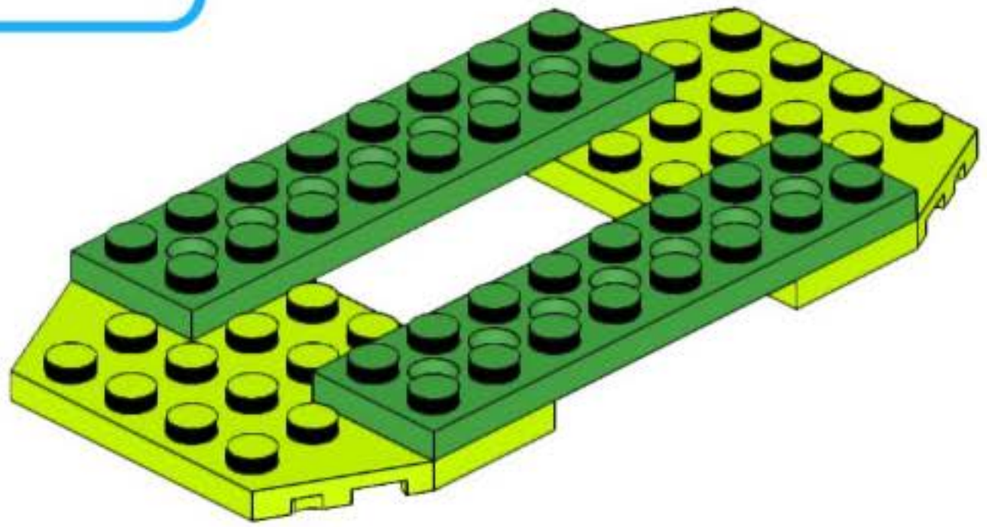
Ganz crane robot
unofficial building instruction

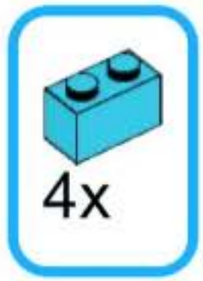
Ganz crane

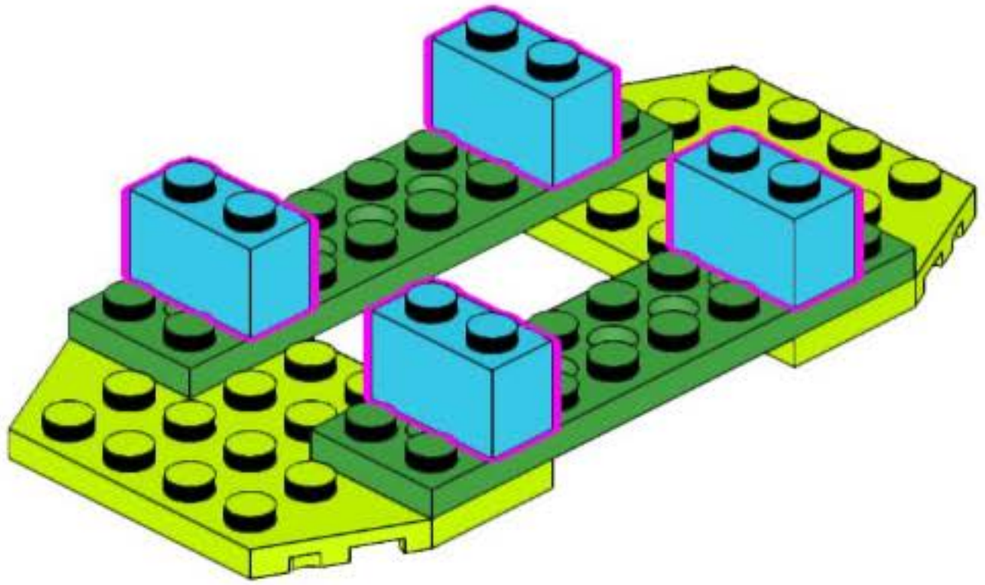
for Lego® WeDo 2.0
45300

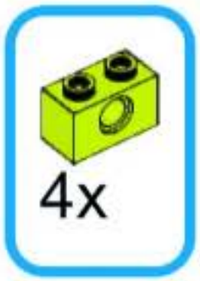
2x

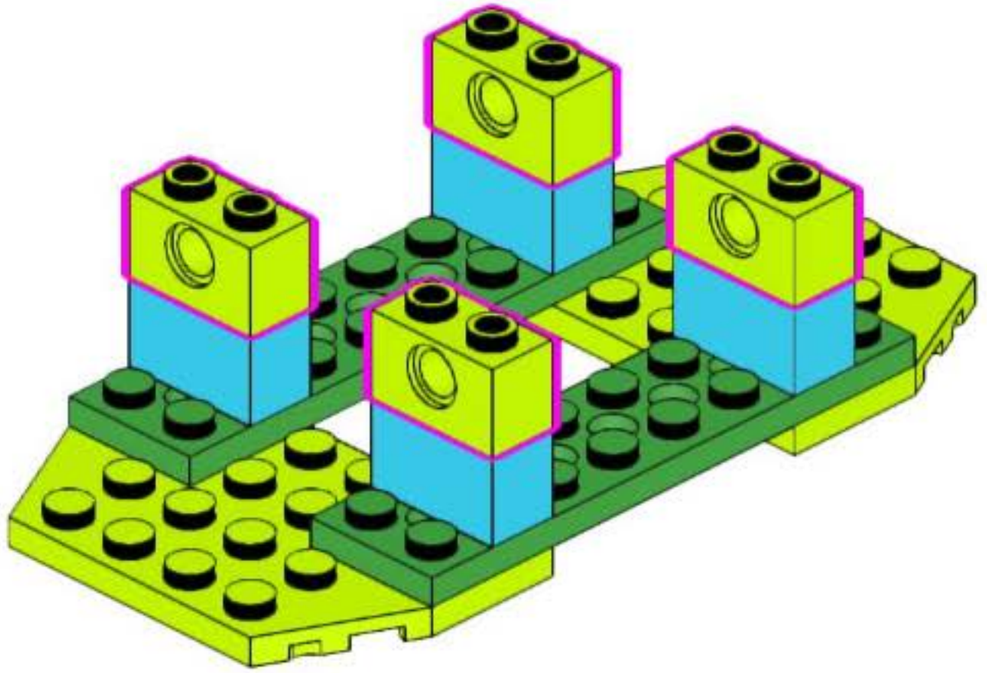
2x

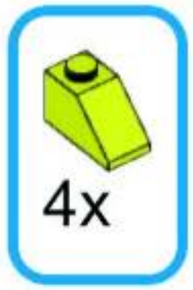


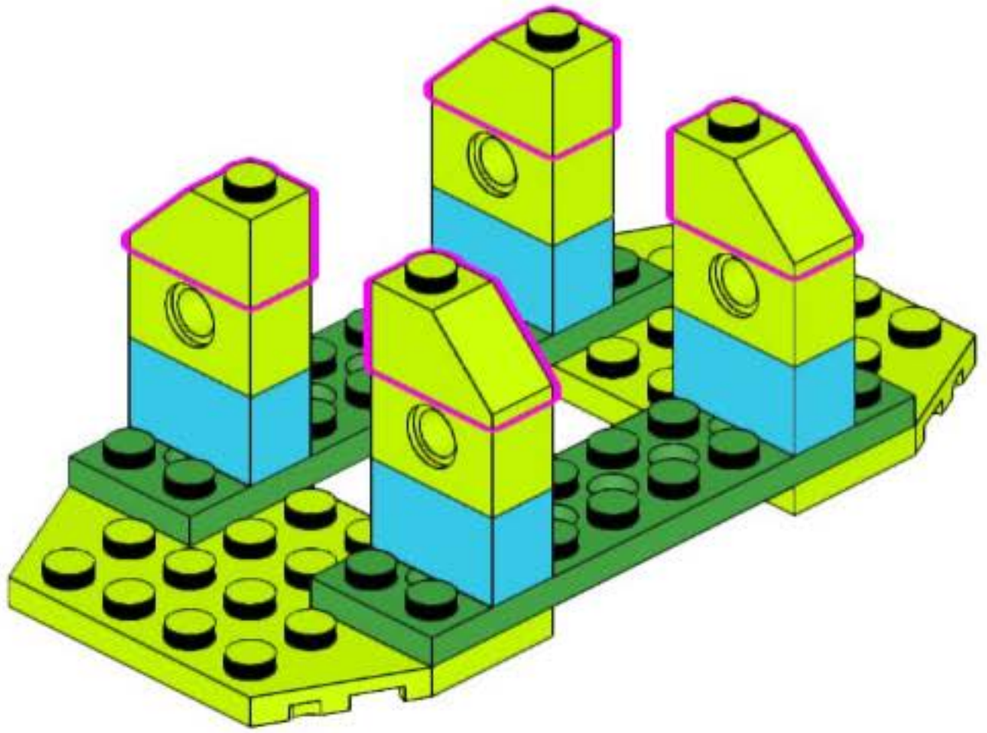

4x

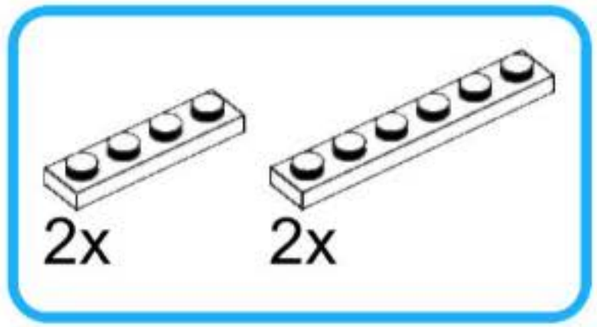


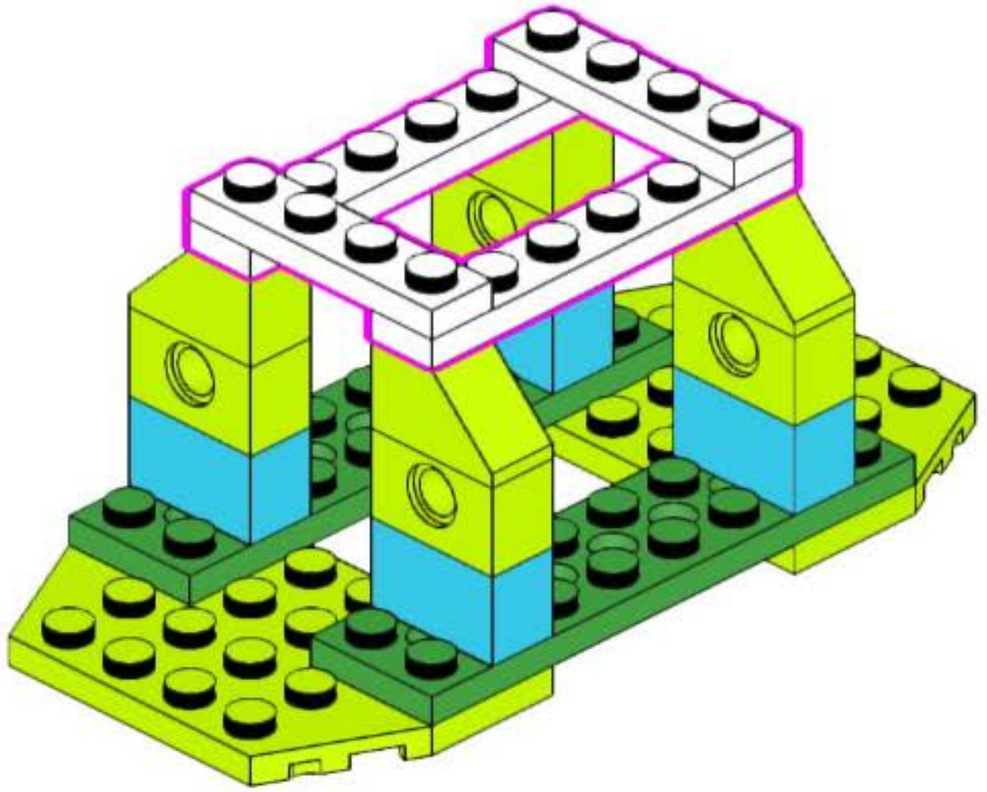

4x

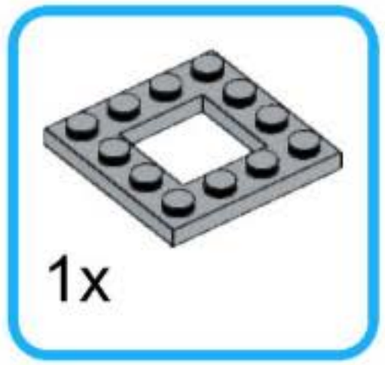


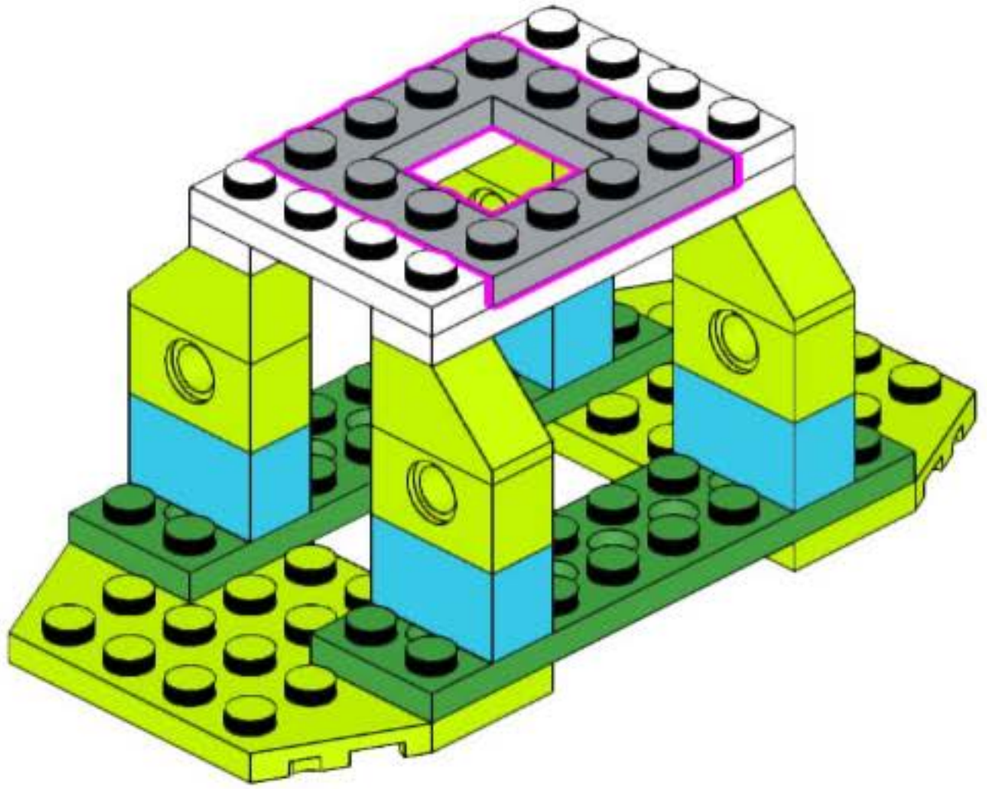

4x

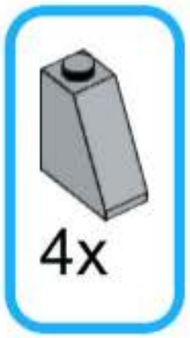


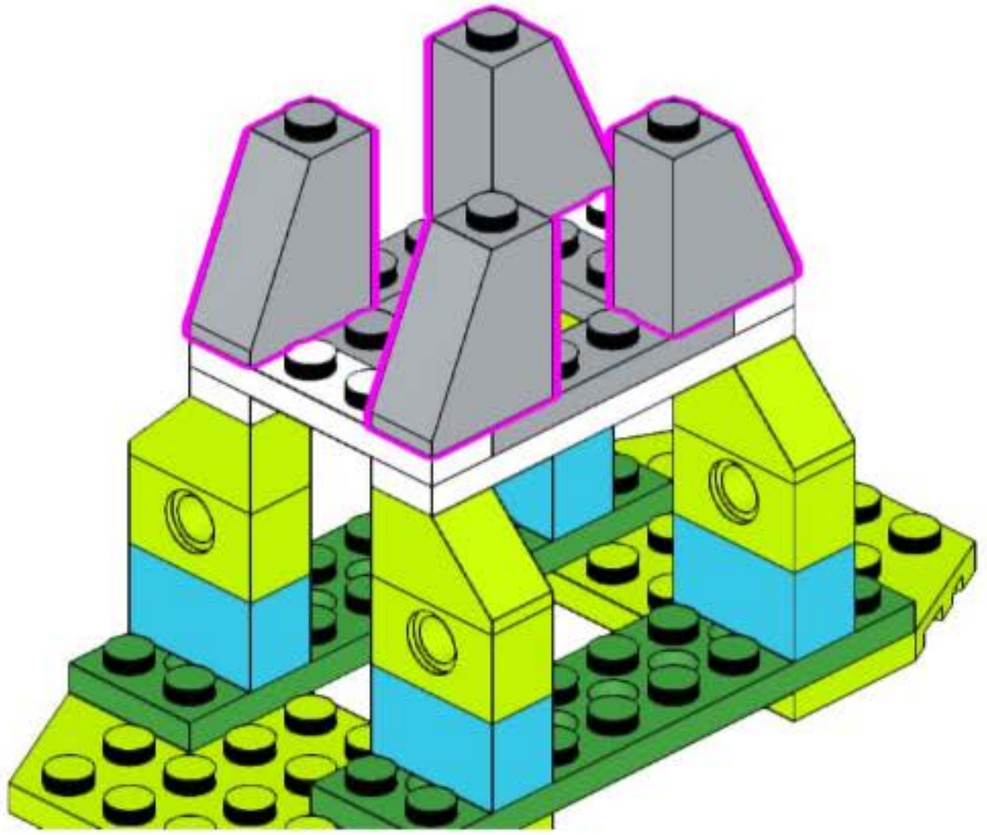

2x
2x

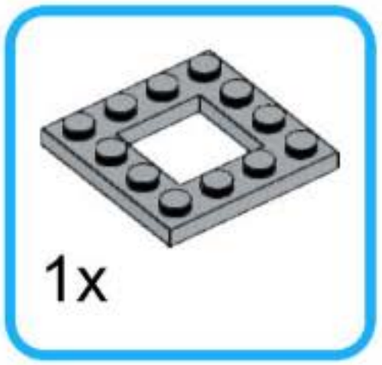


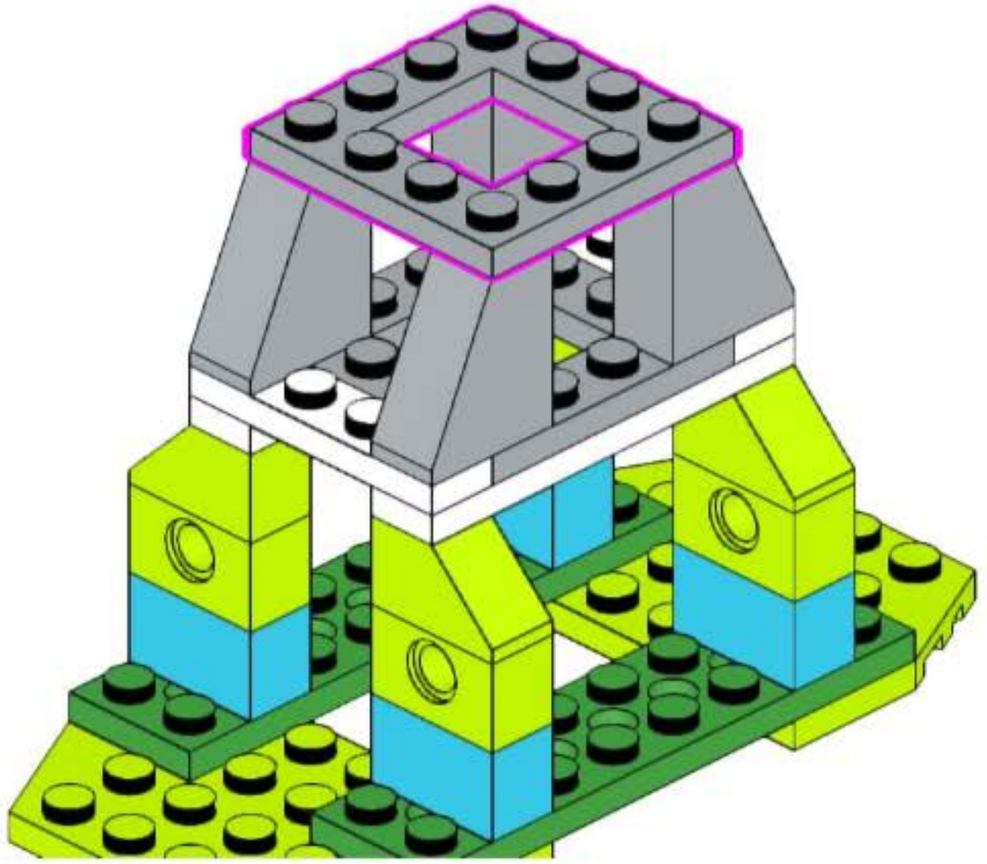

1x



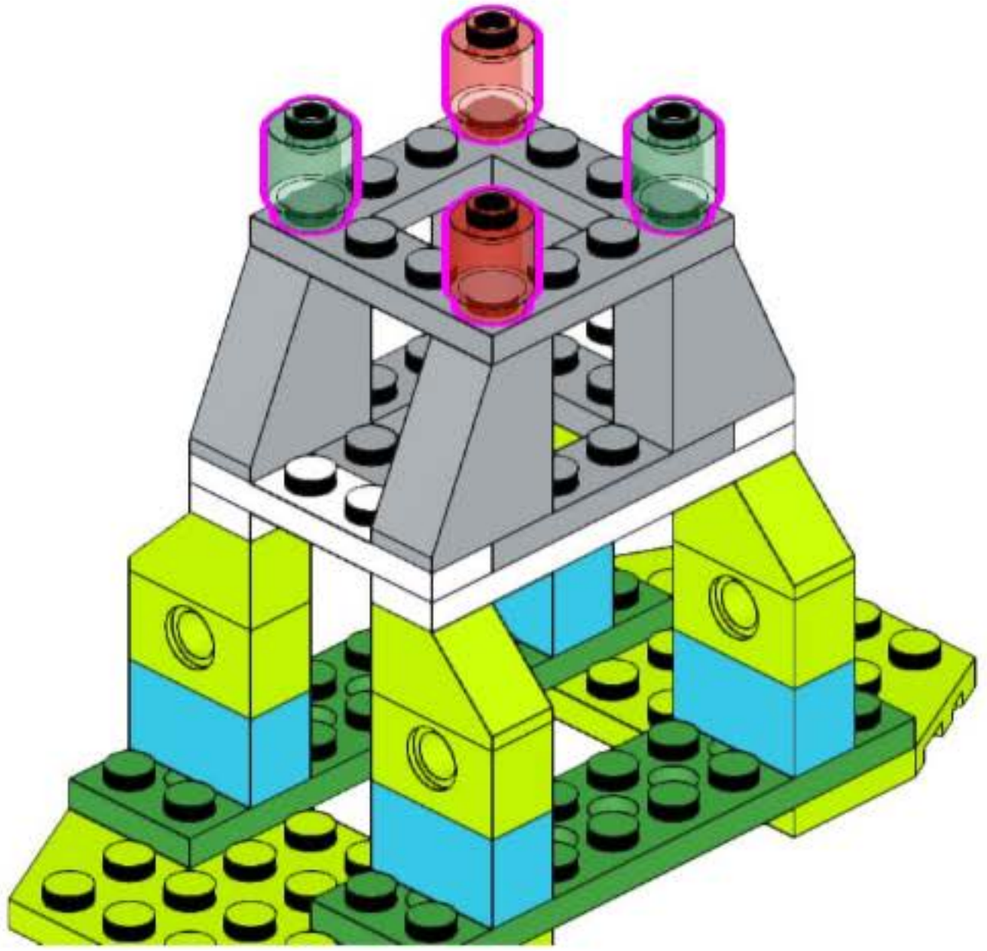

4x




1x

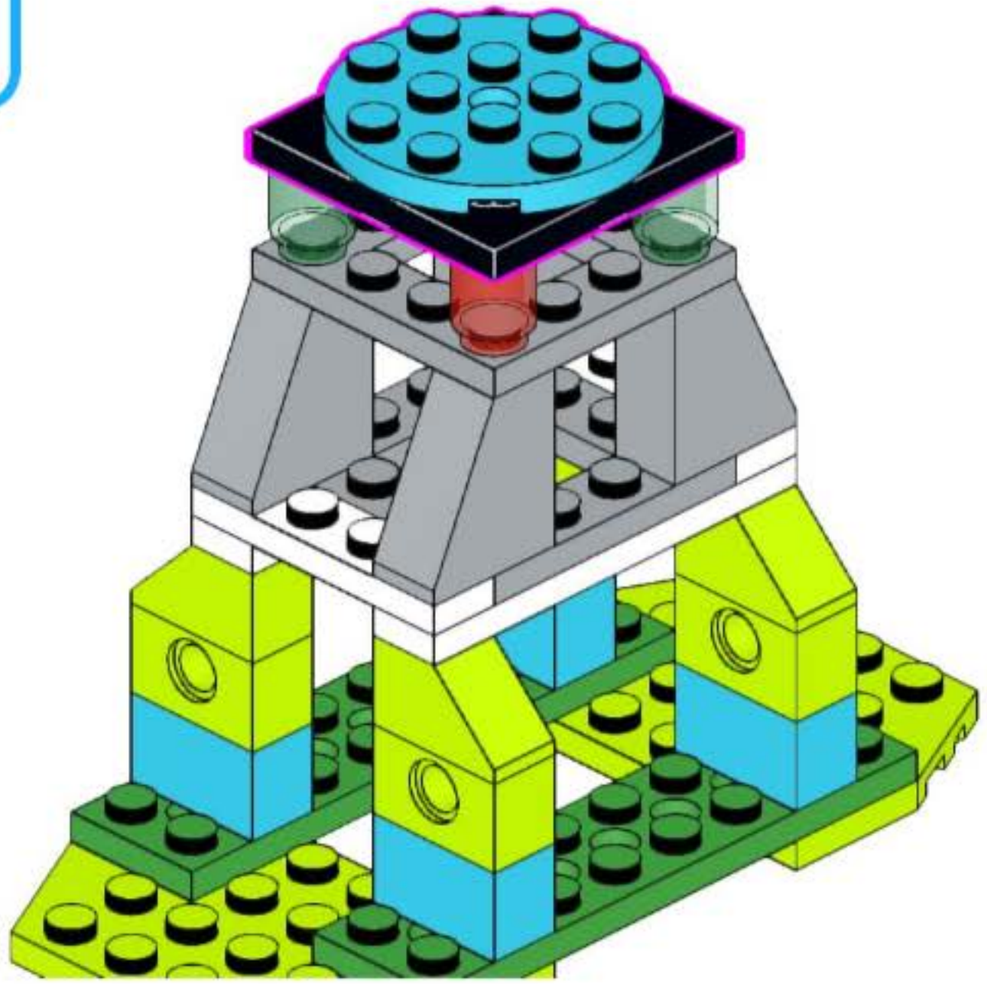


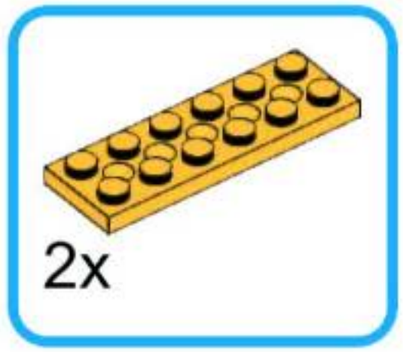
2x
2x

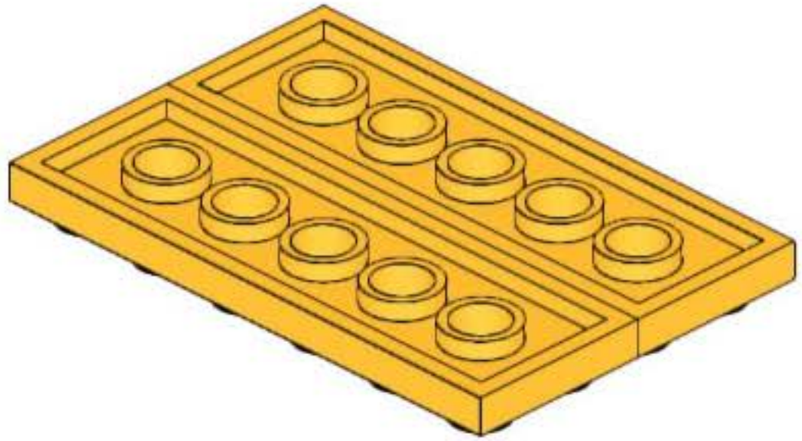


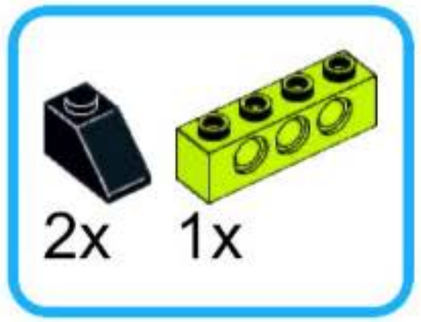
1x

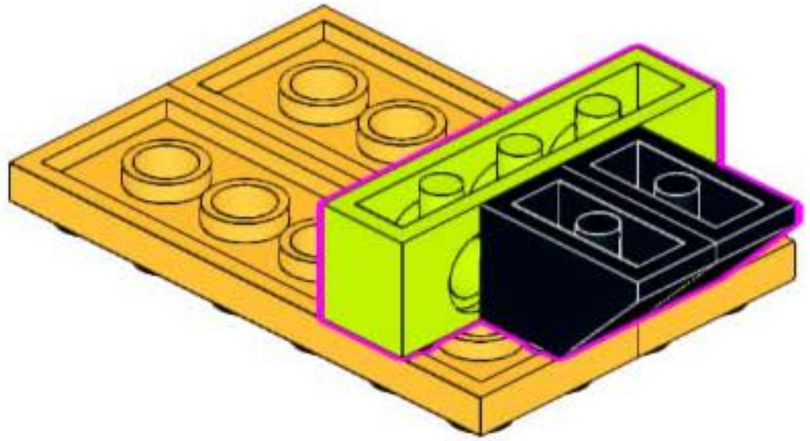
1x

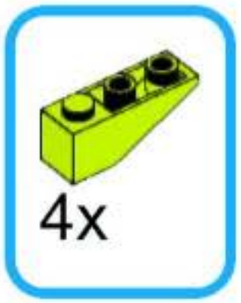


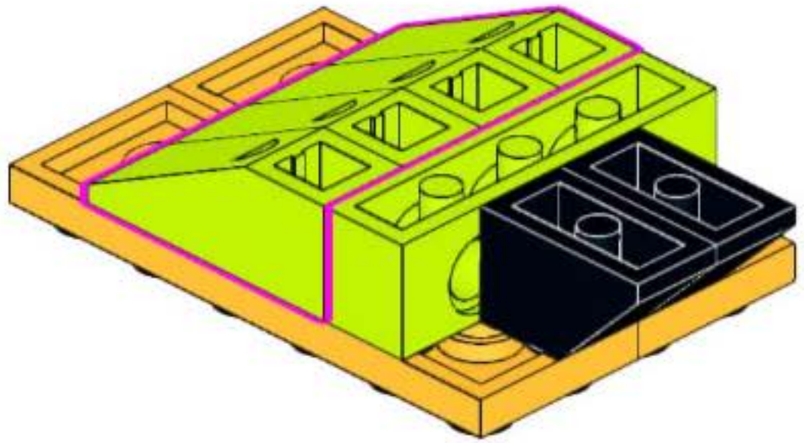

2x

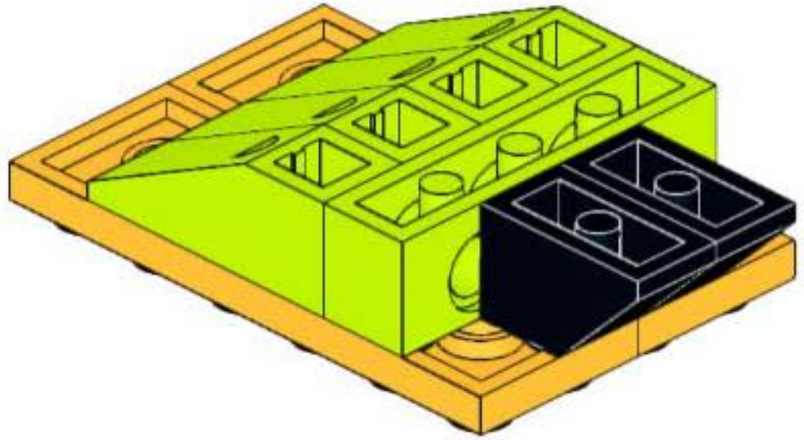


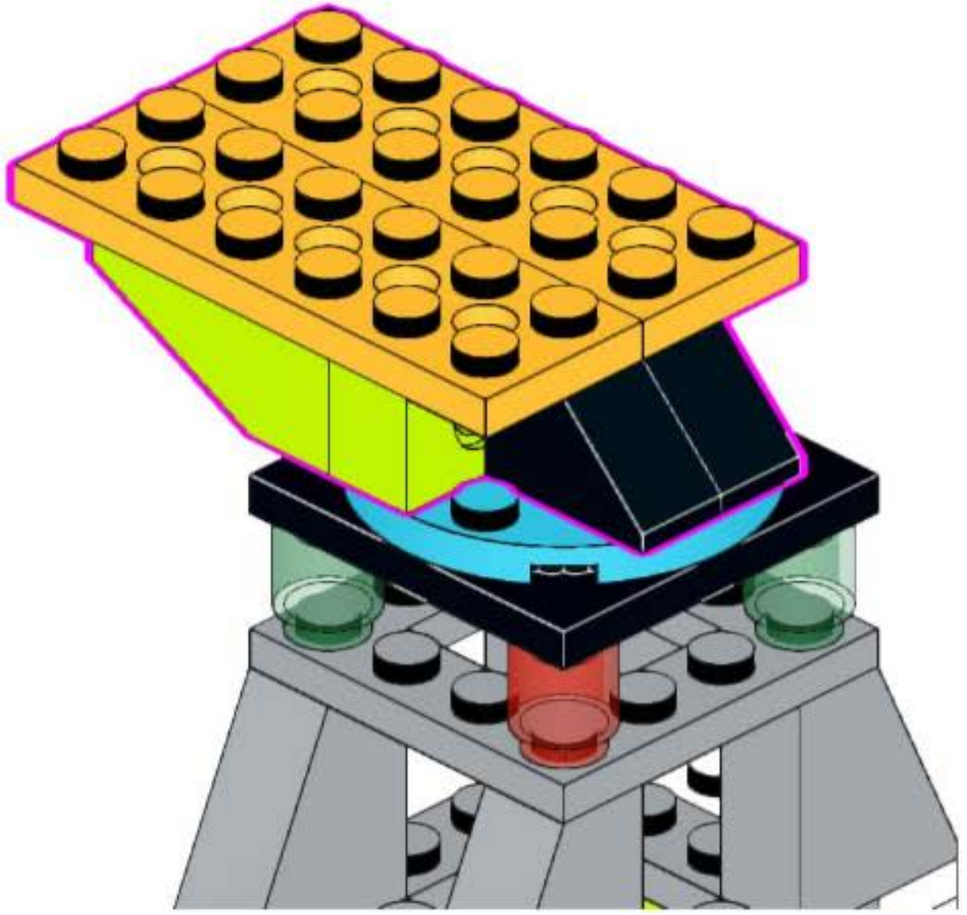

2x
1x

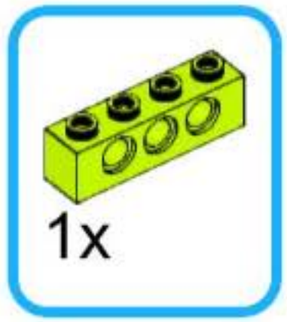


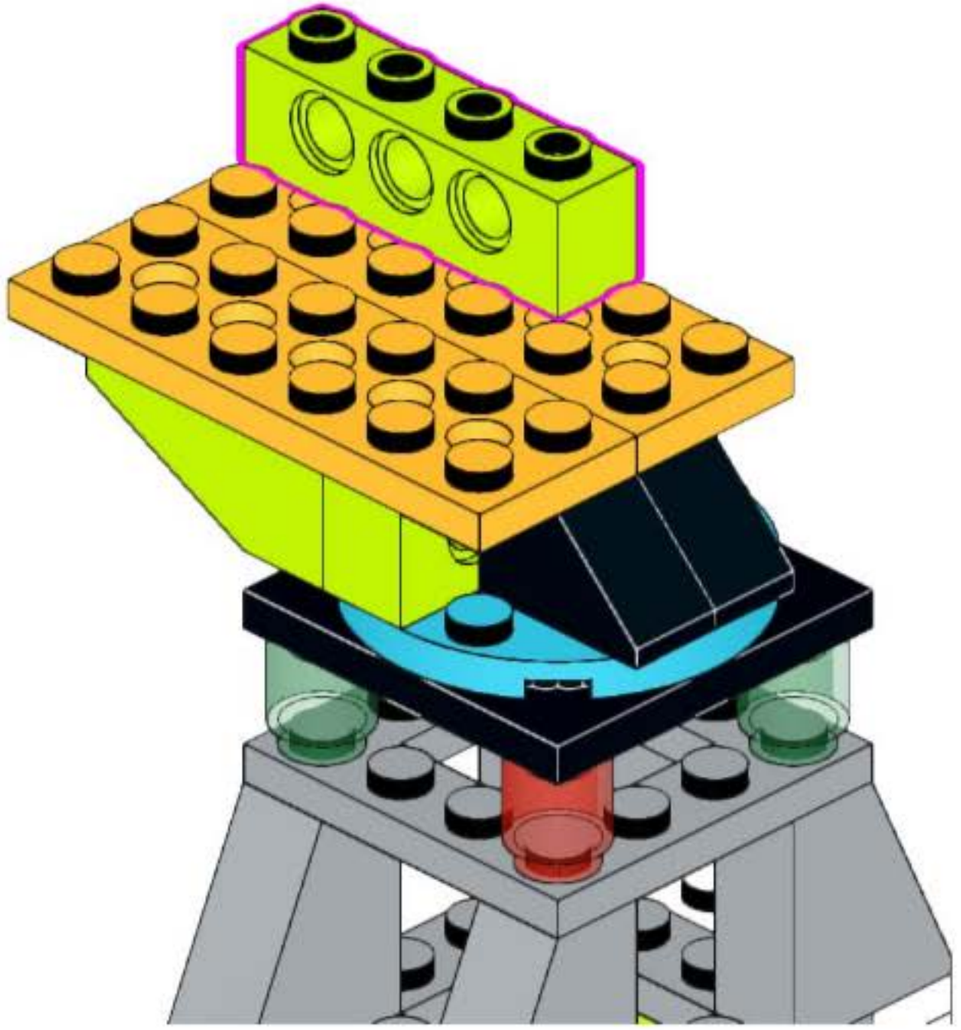

4x

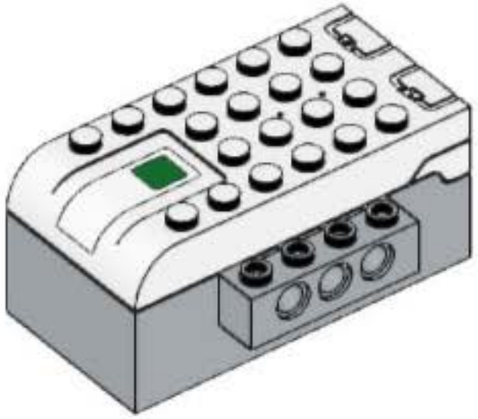




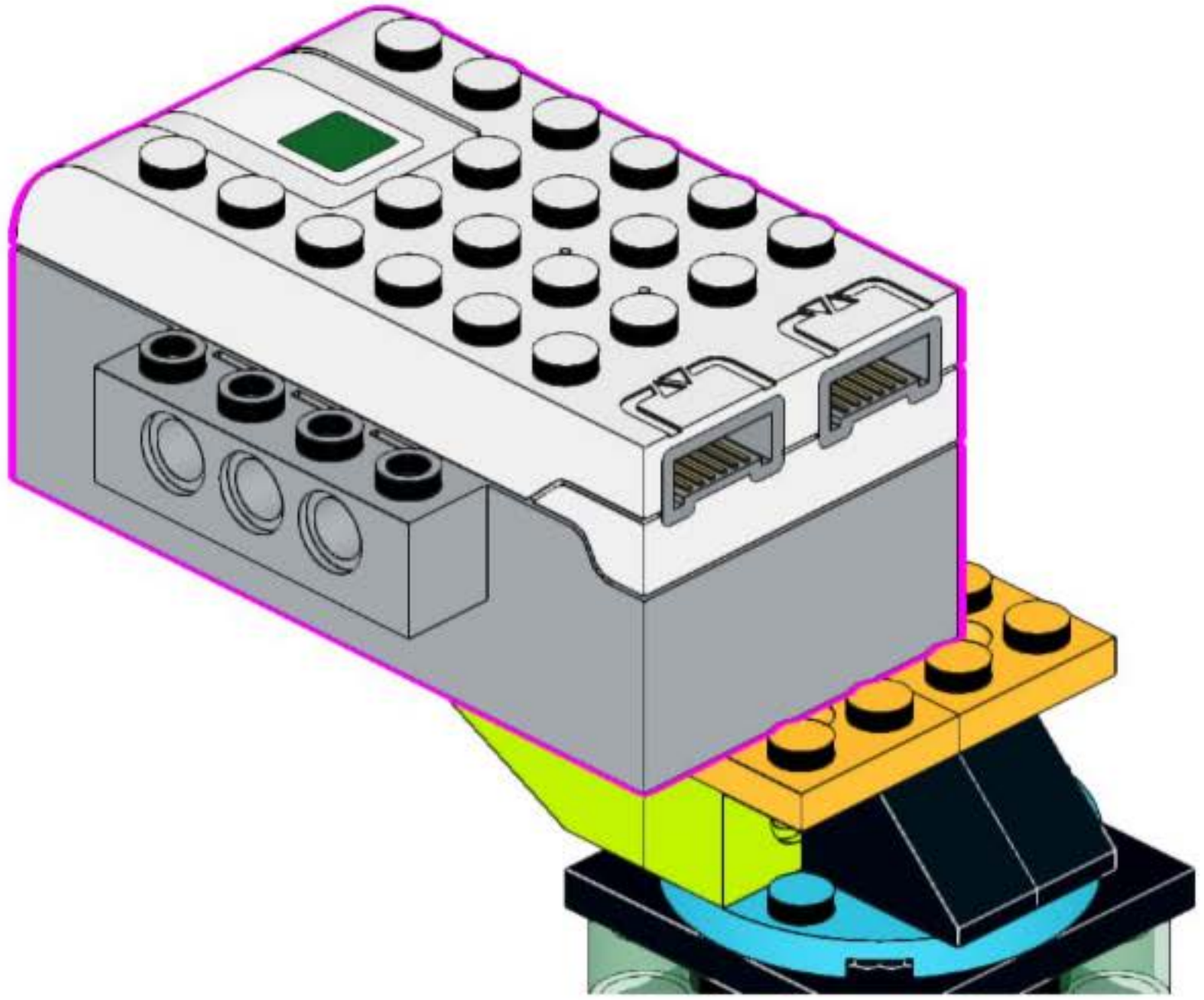


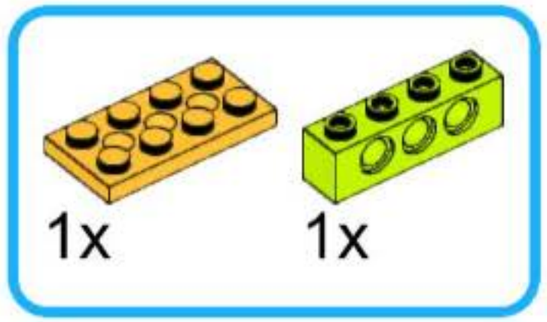

1x

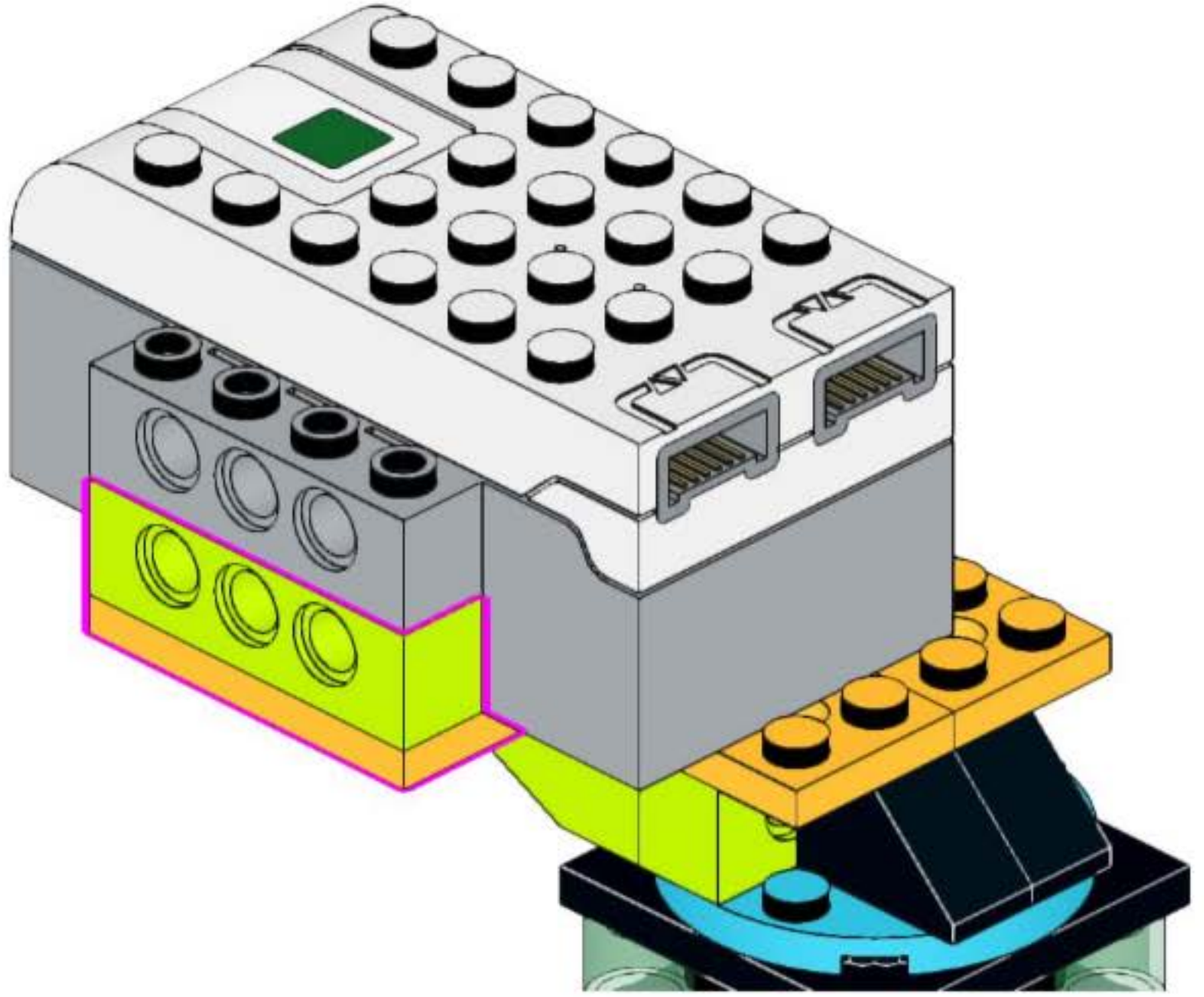


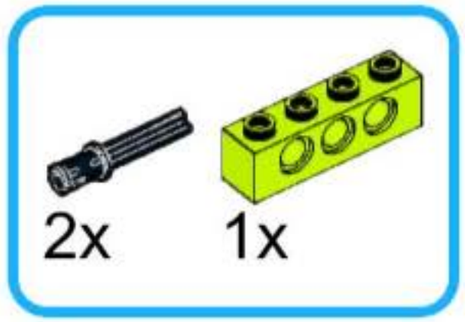


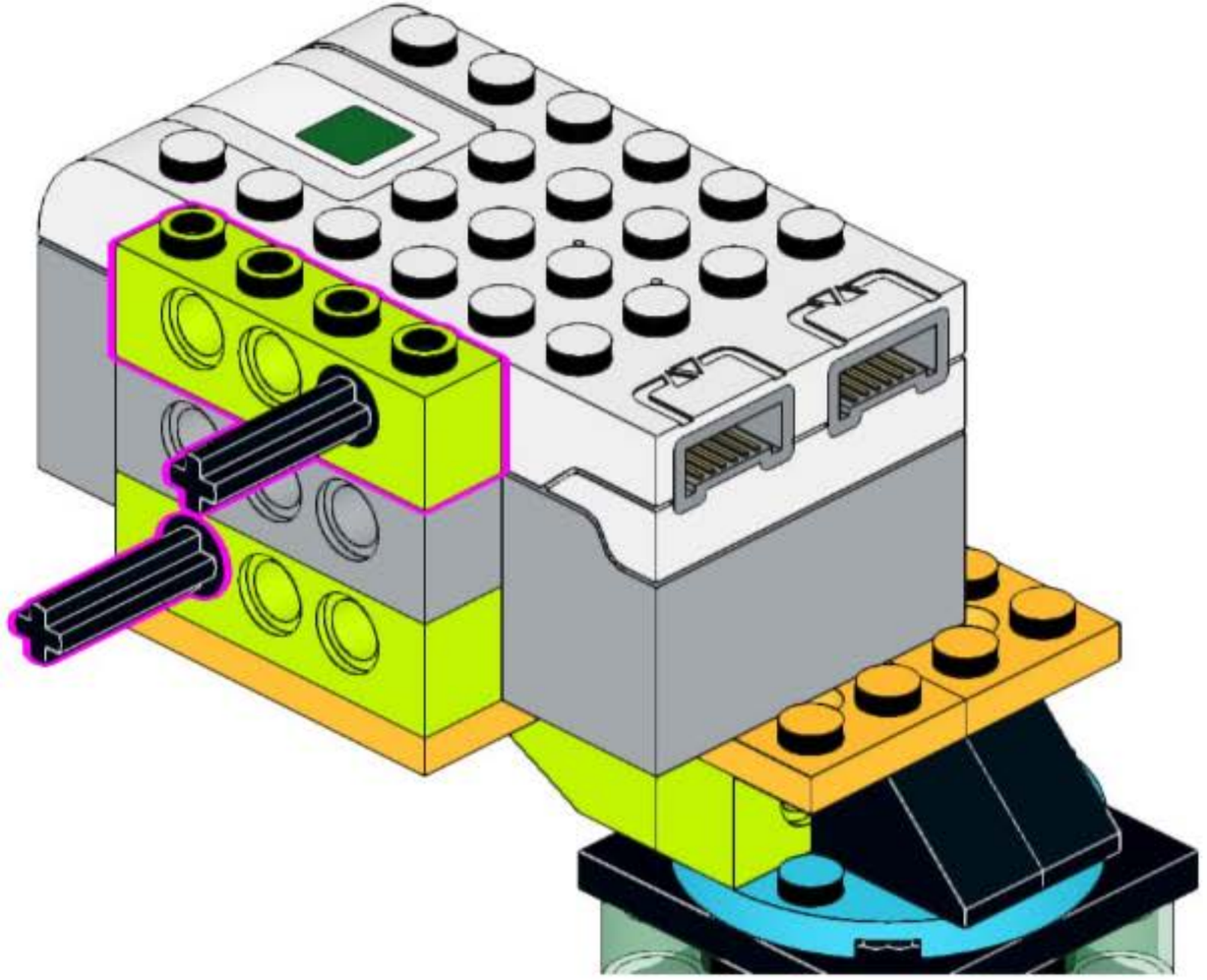
1x

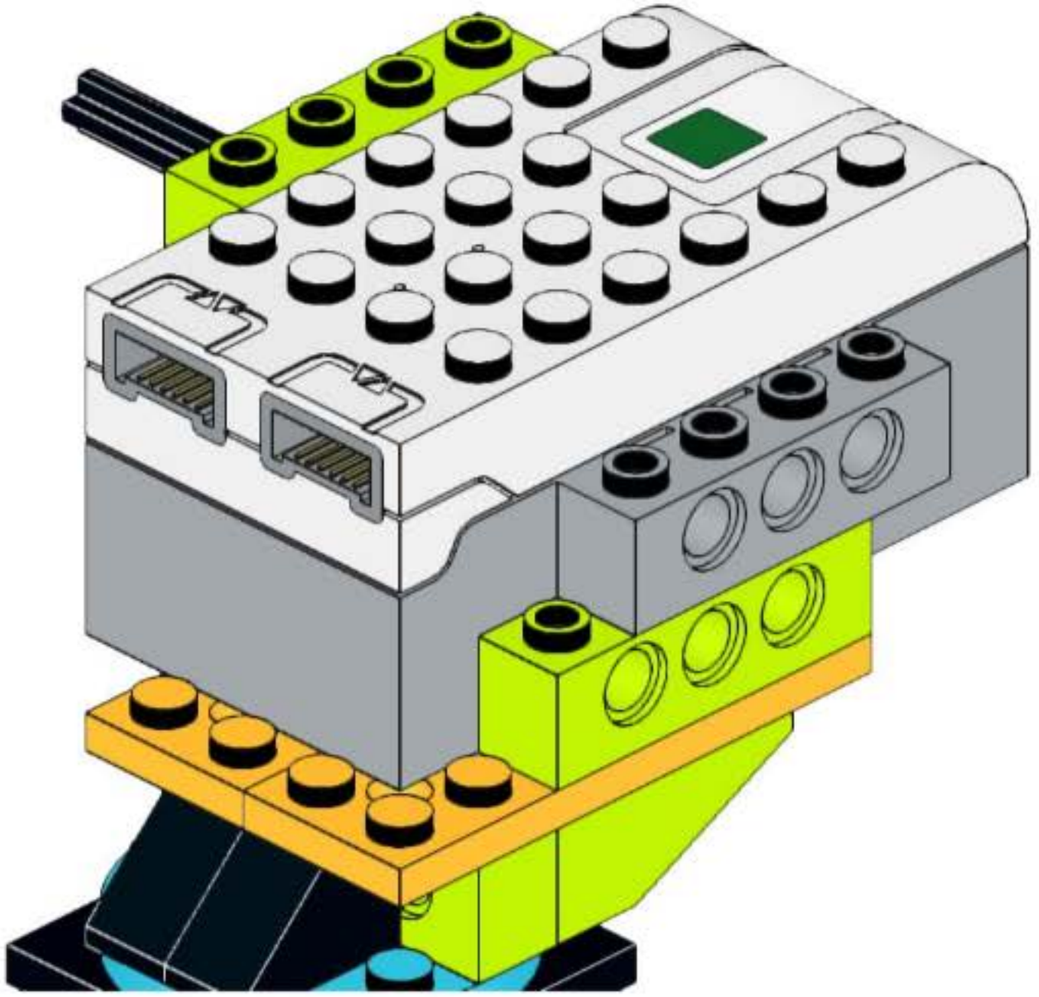


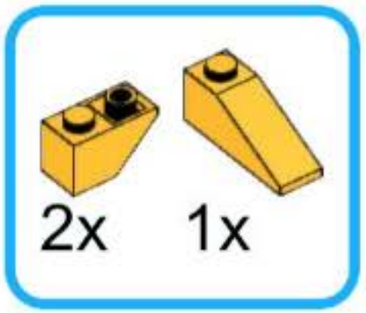

1x
1x

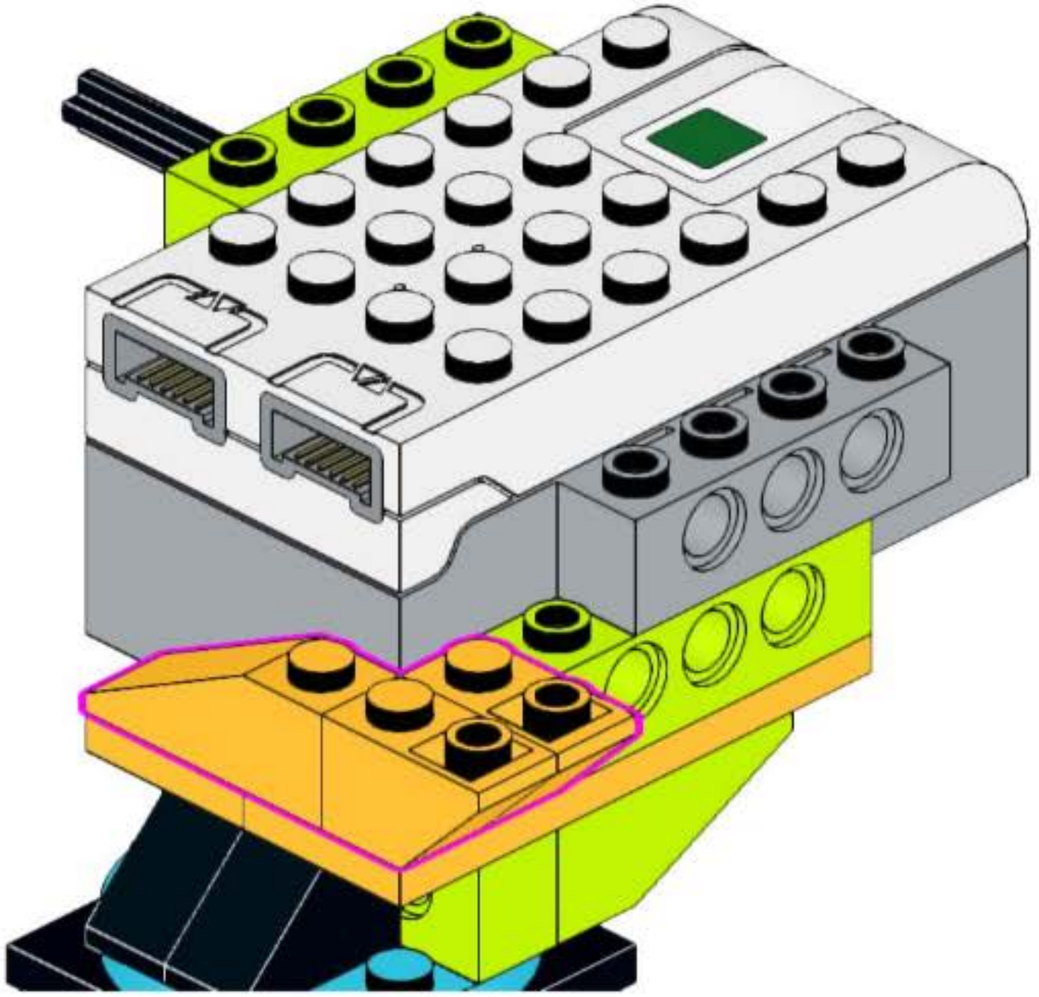


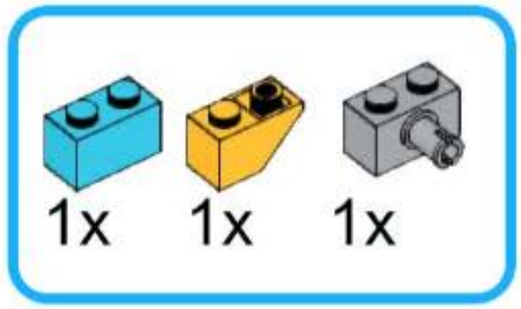

2x
1x

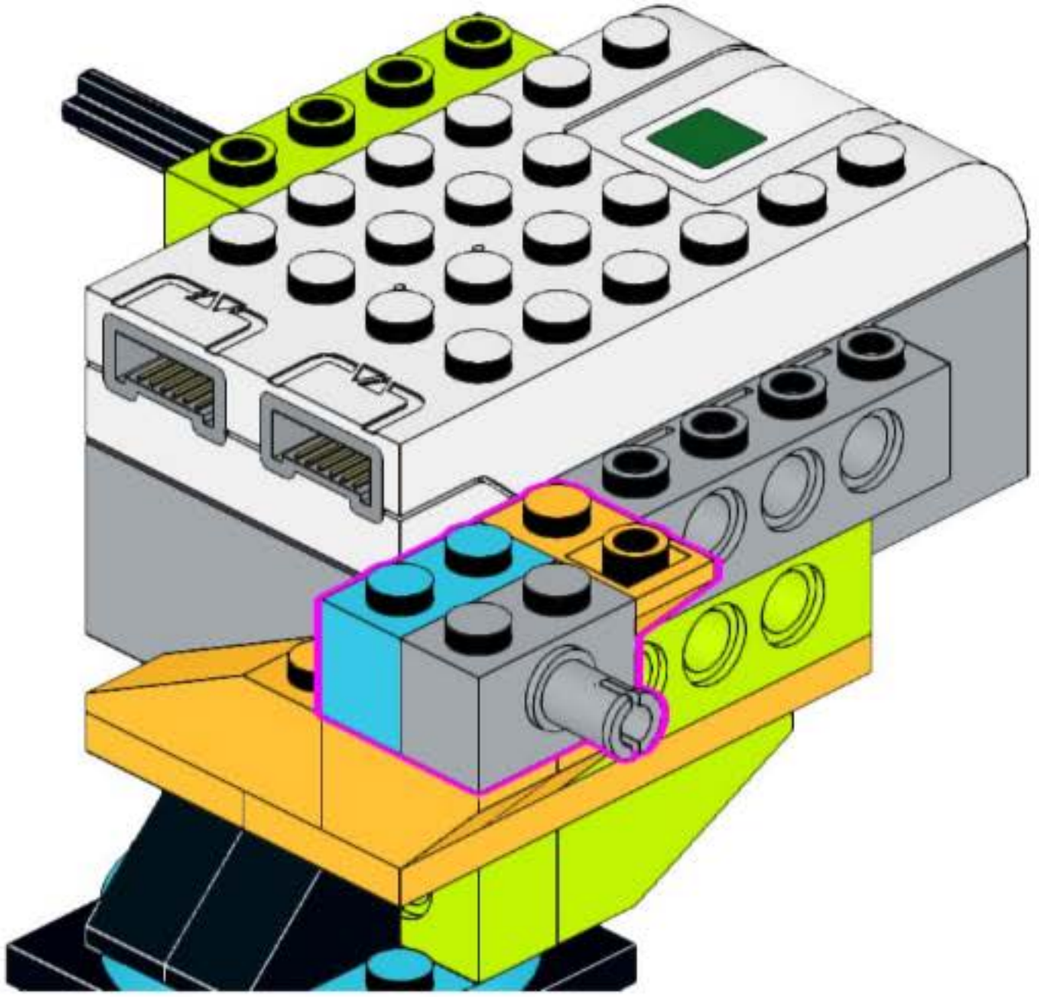


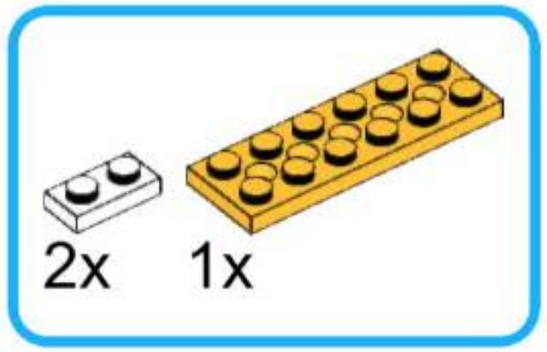


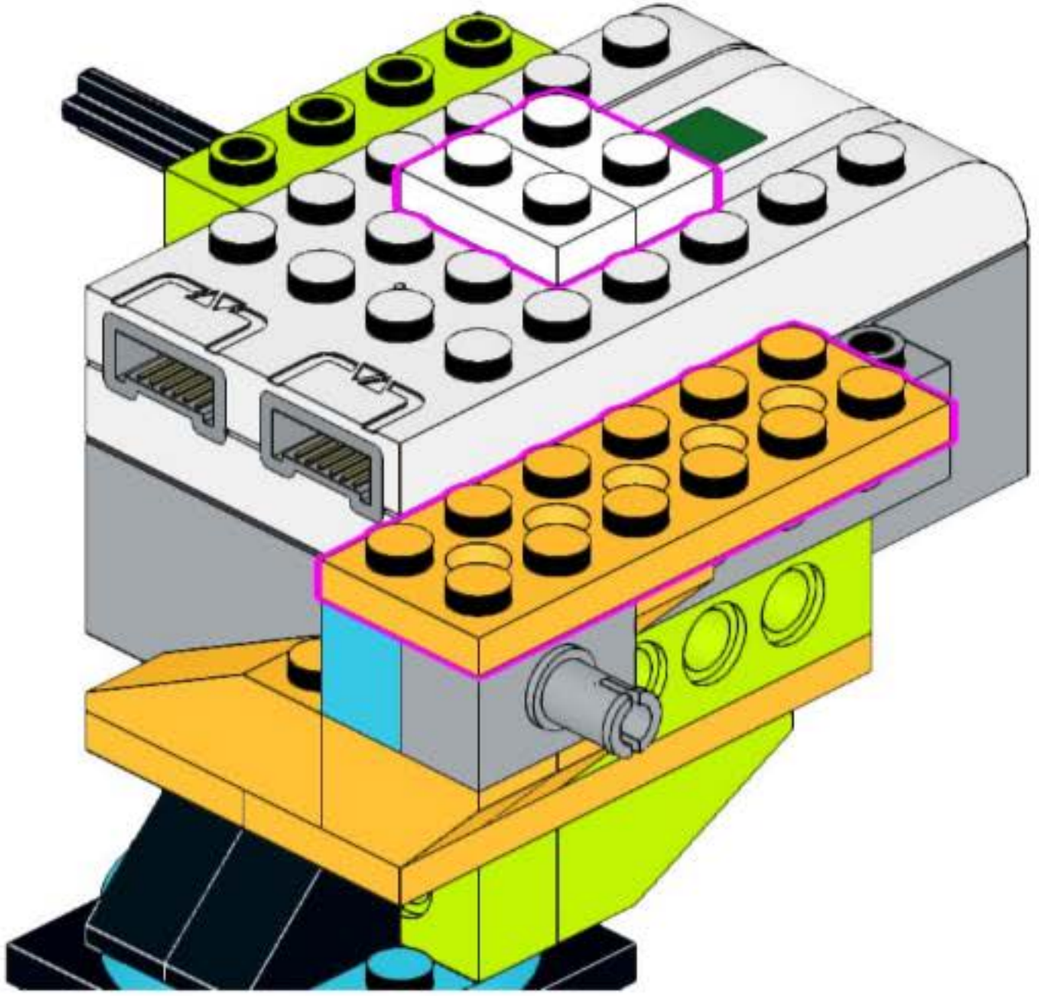

2x
1x

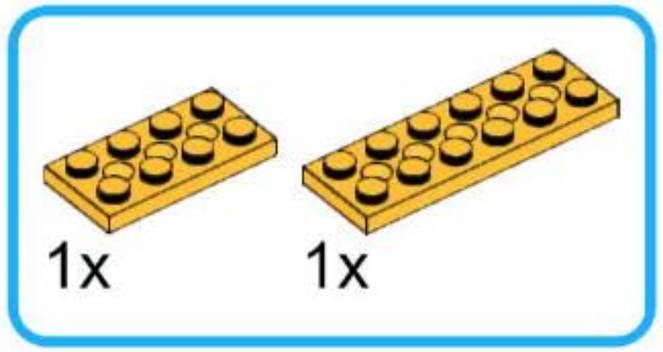


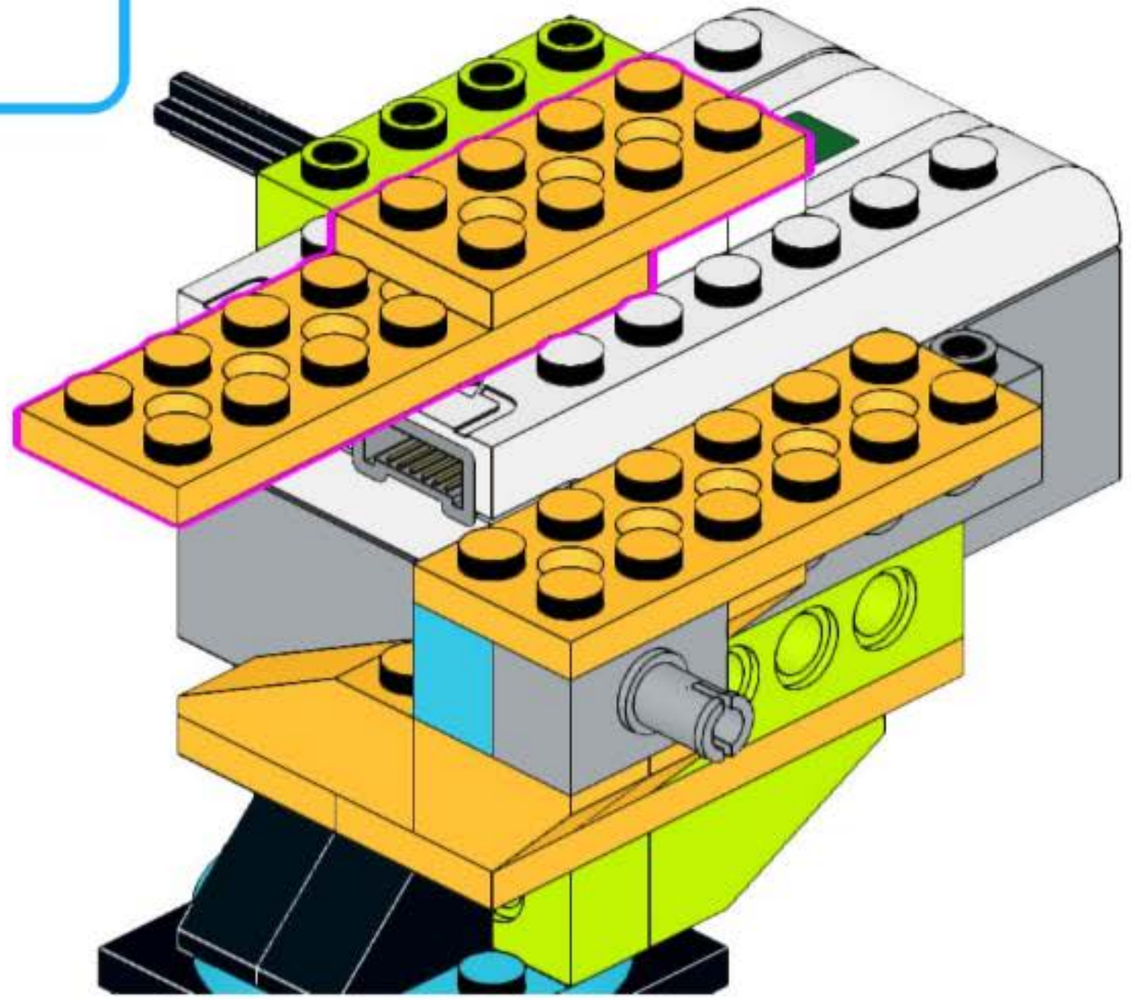

1x
1x
1x

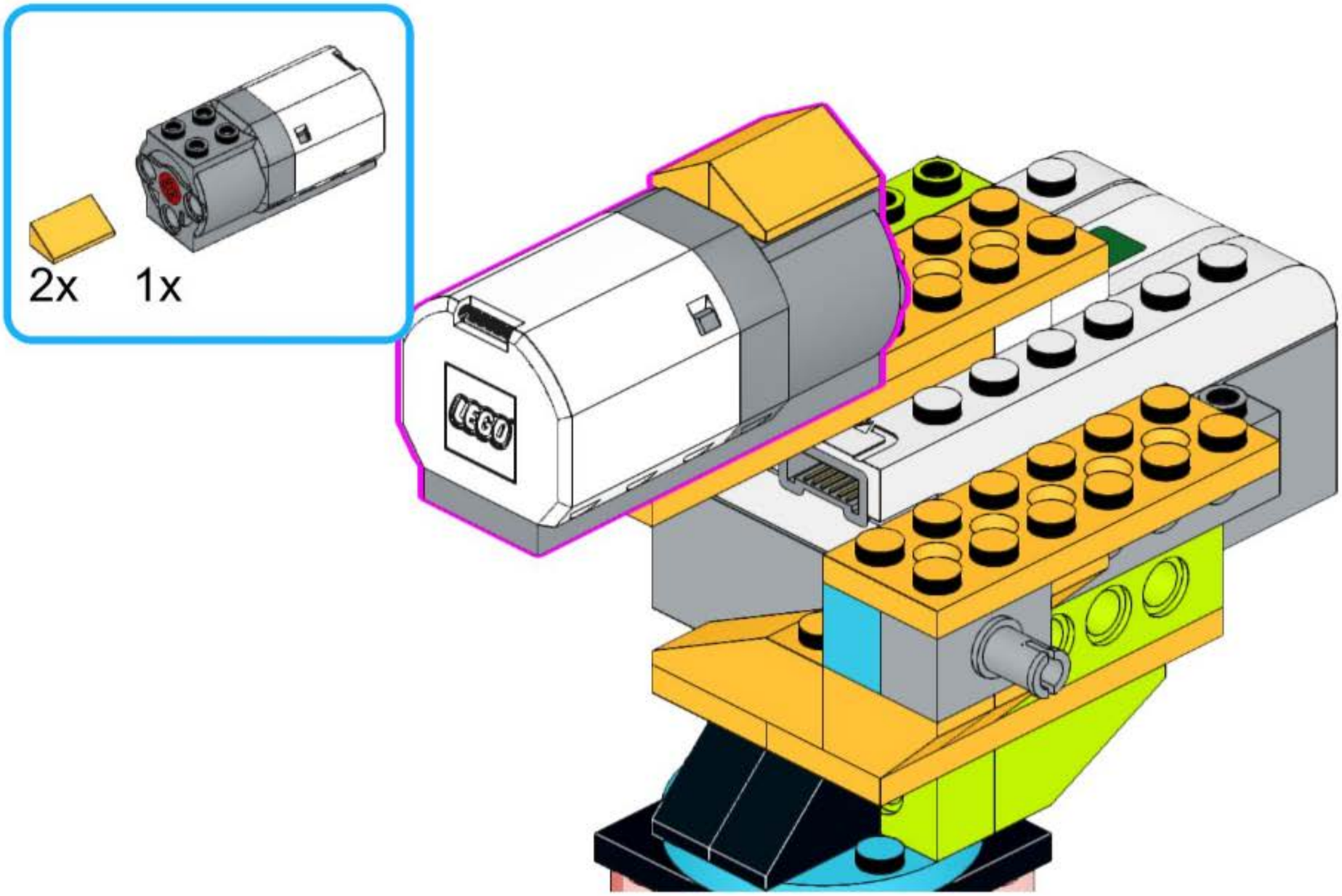


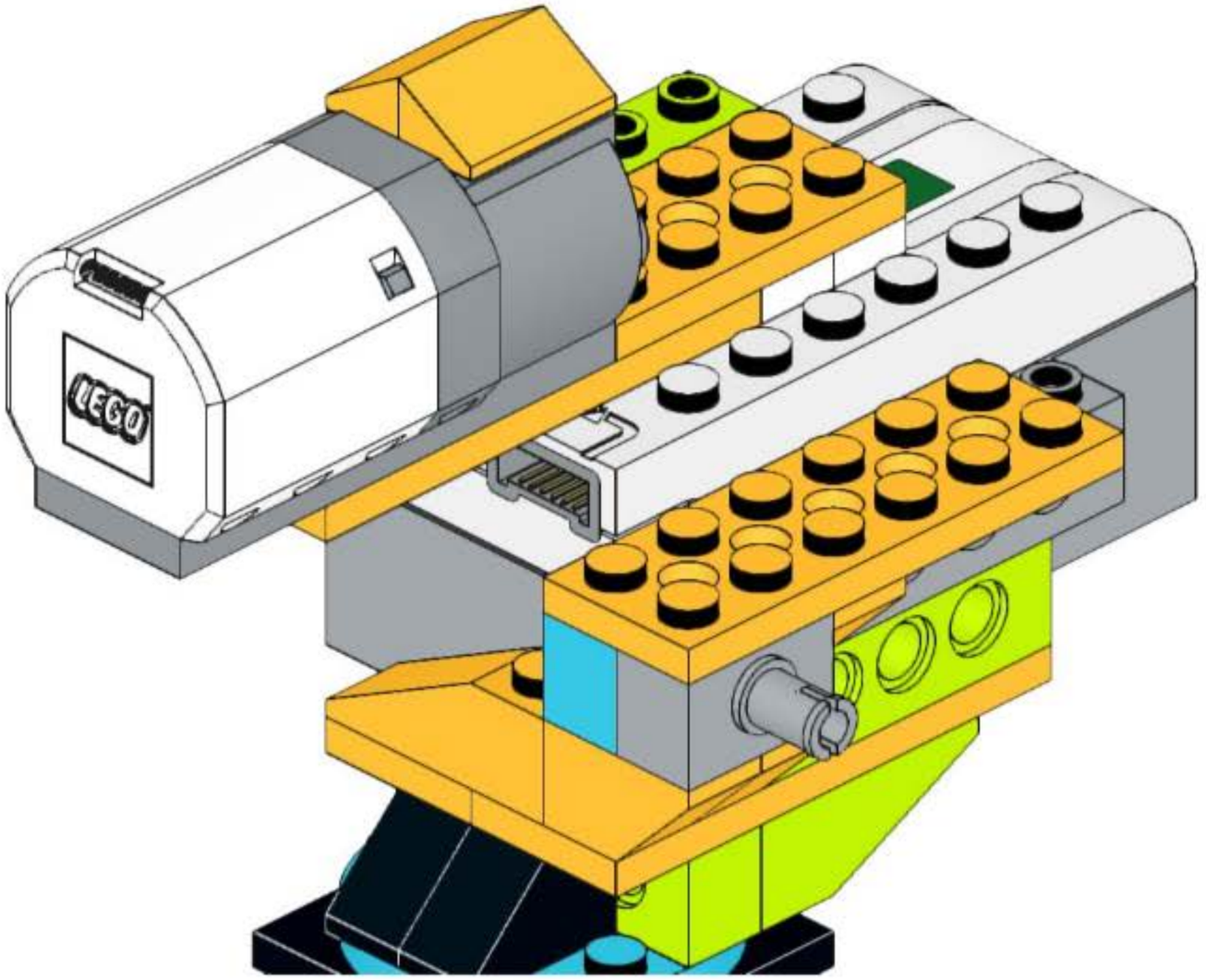

2x
1x

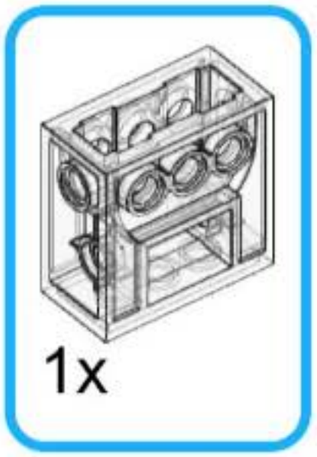


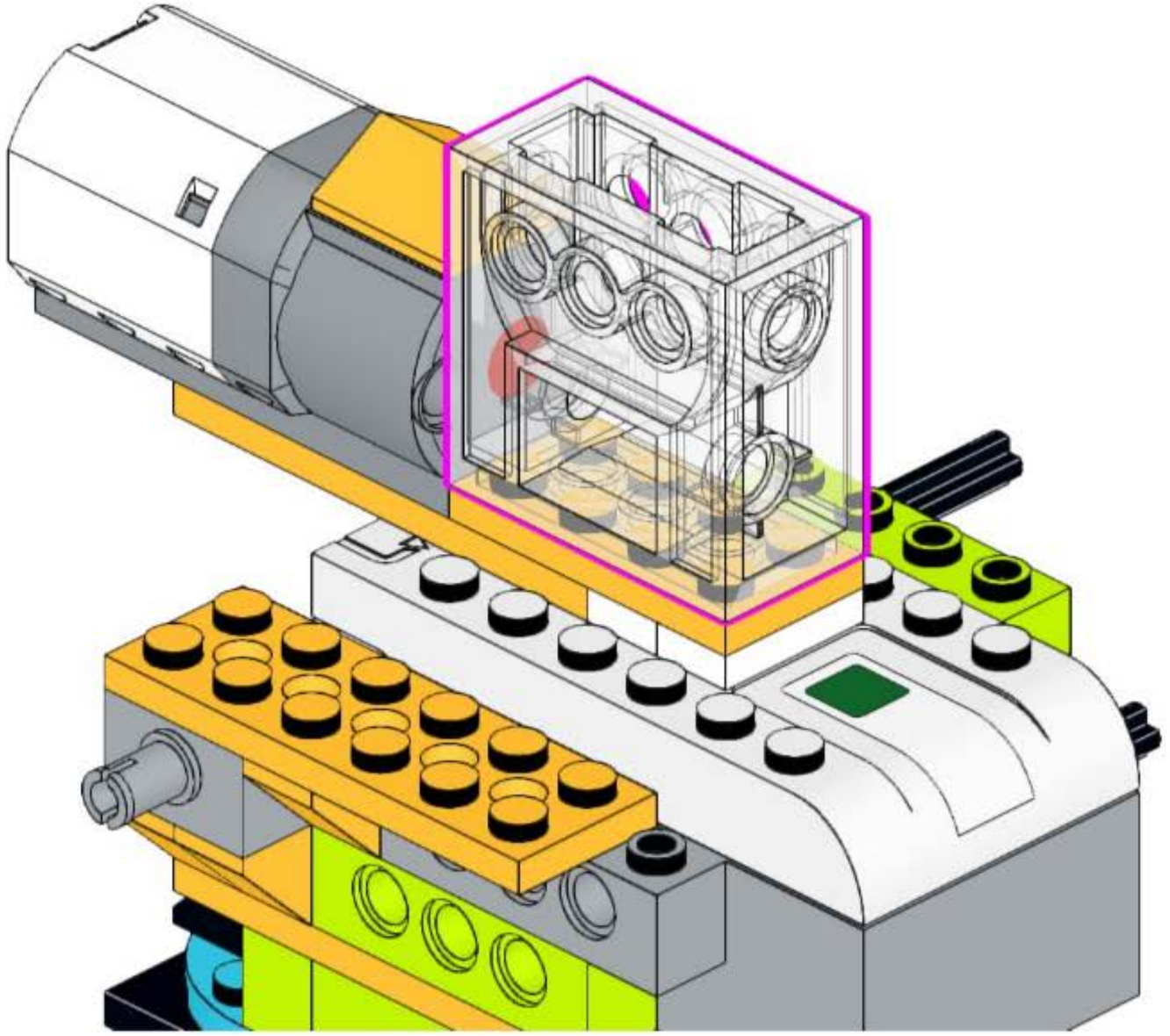

1x
1x

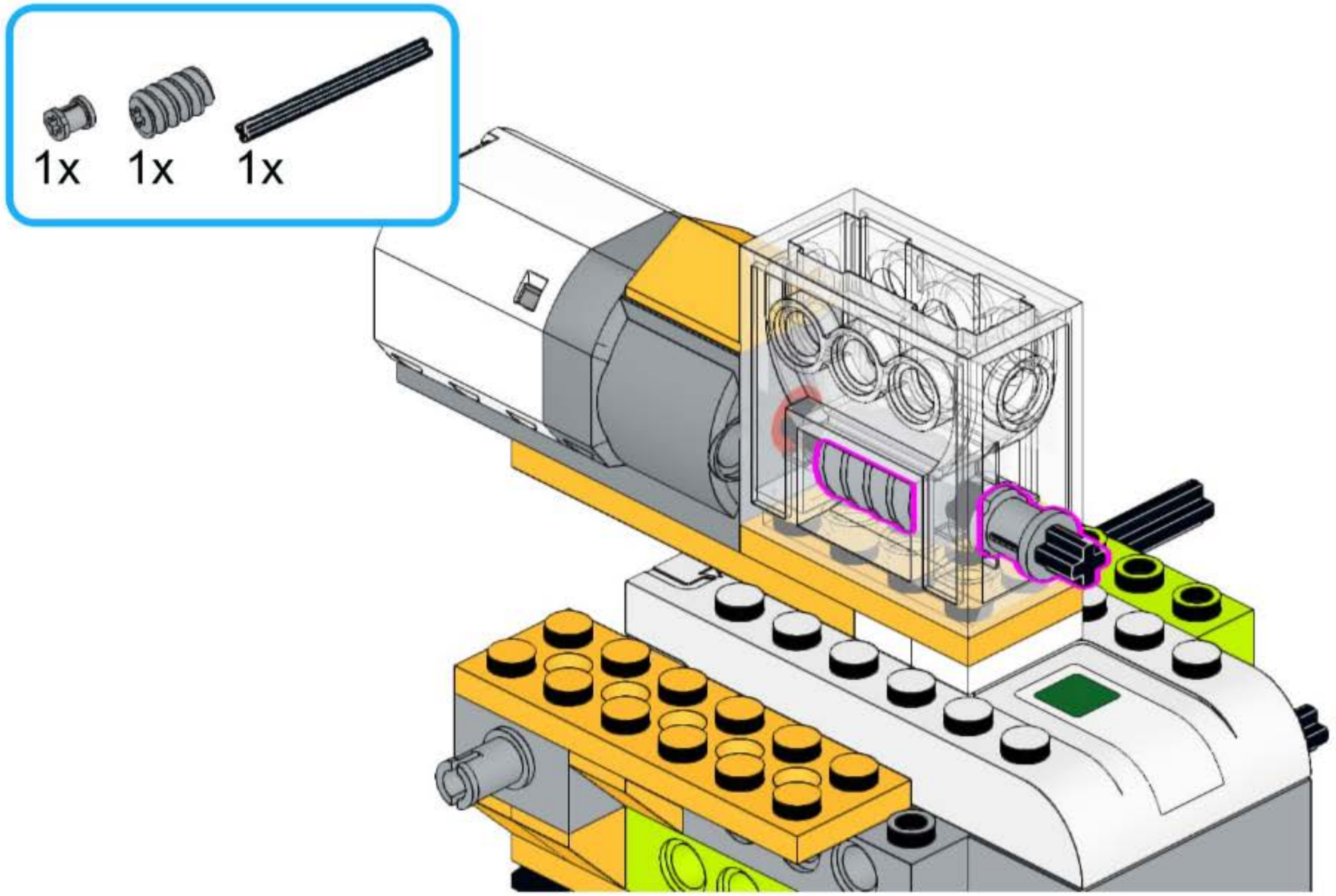


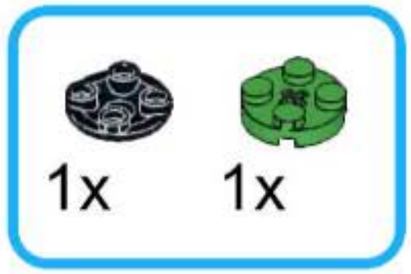

2x
1x

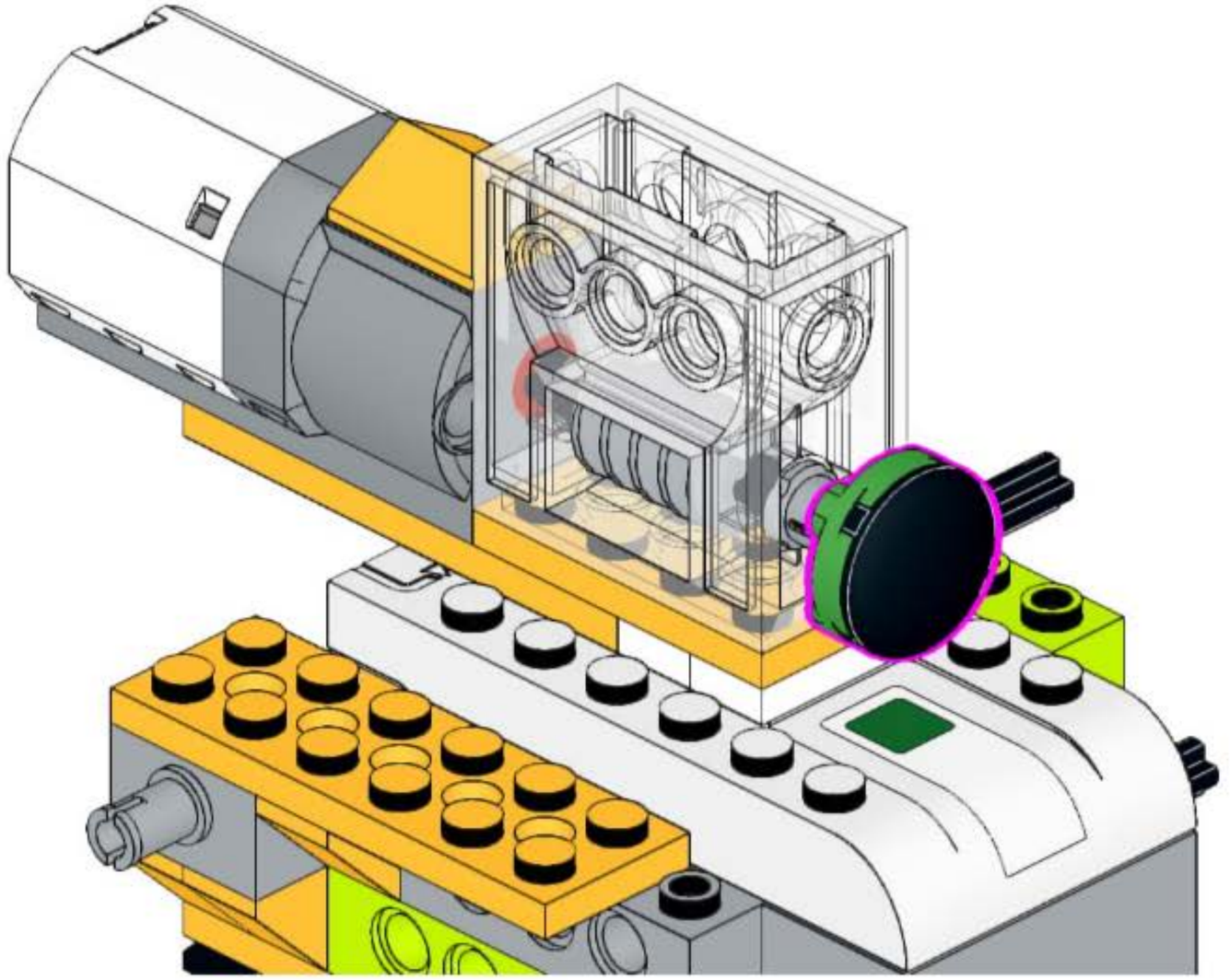

LEGO


1x

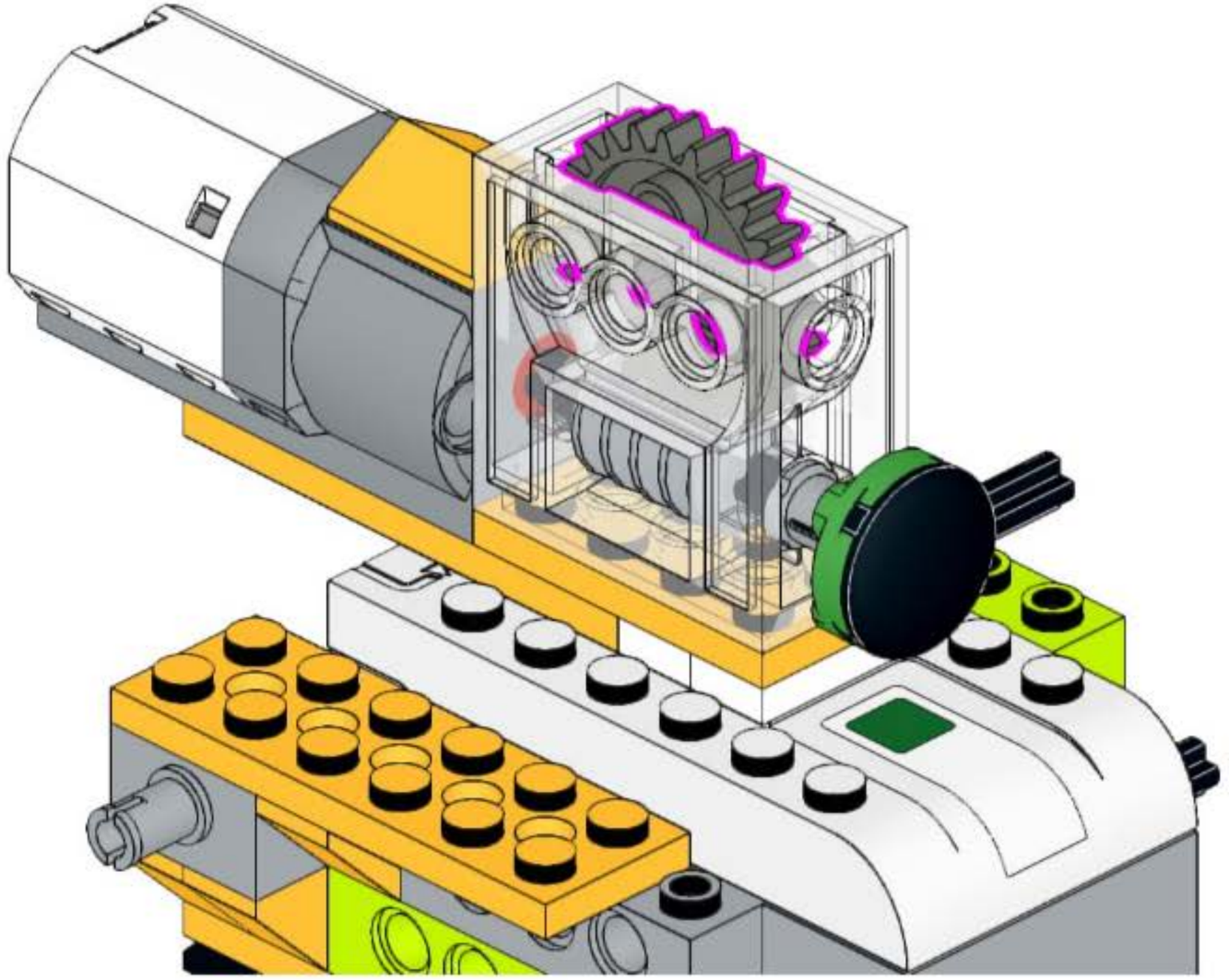


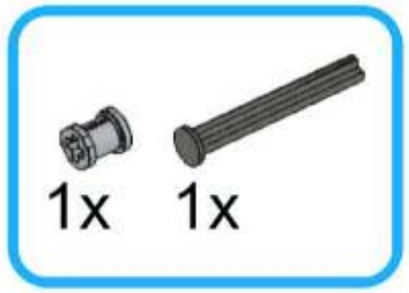

1x
1x
1x

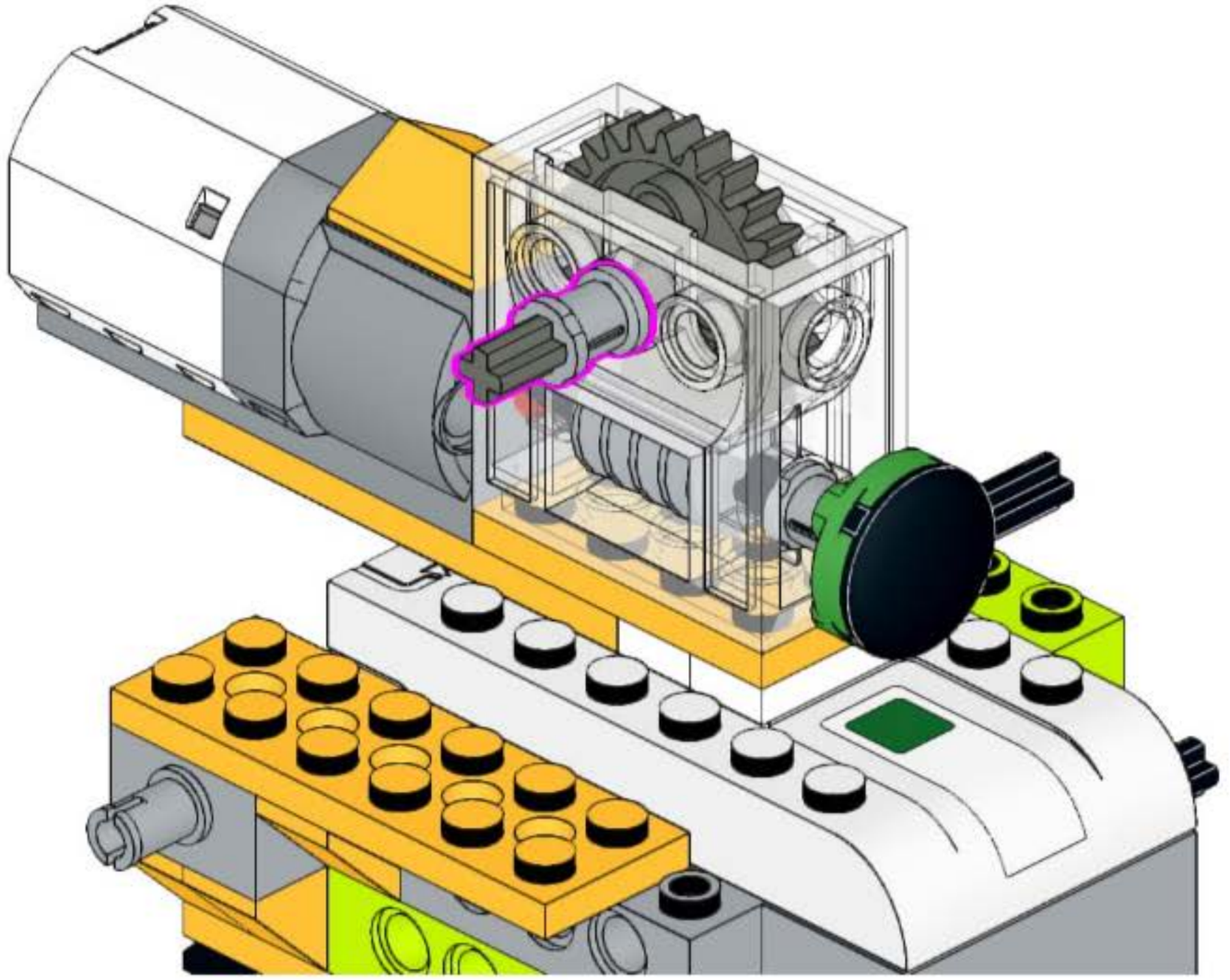

1x
1x

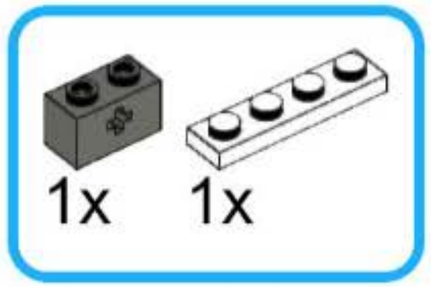


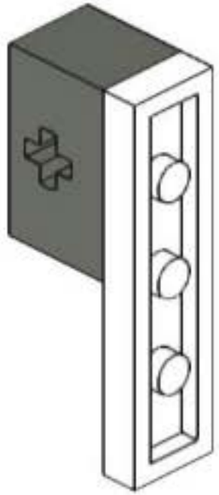
1x

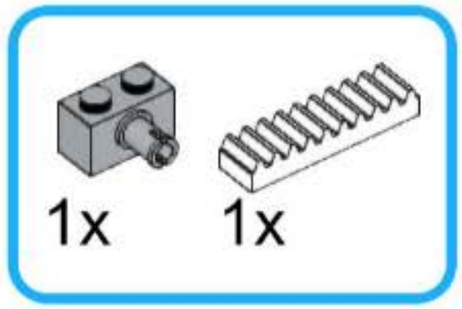


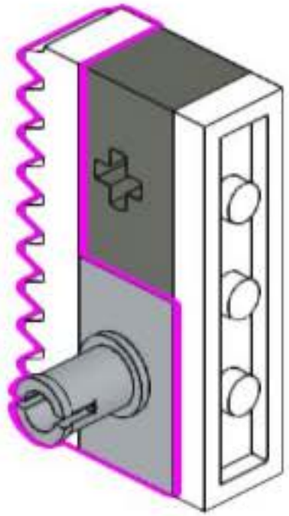

1x
1x

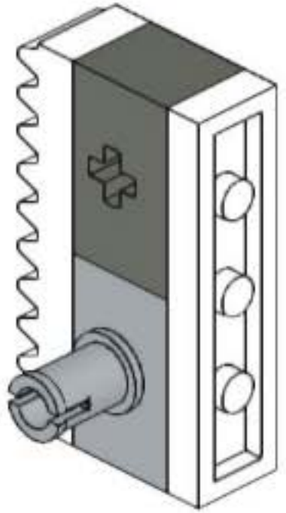


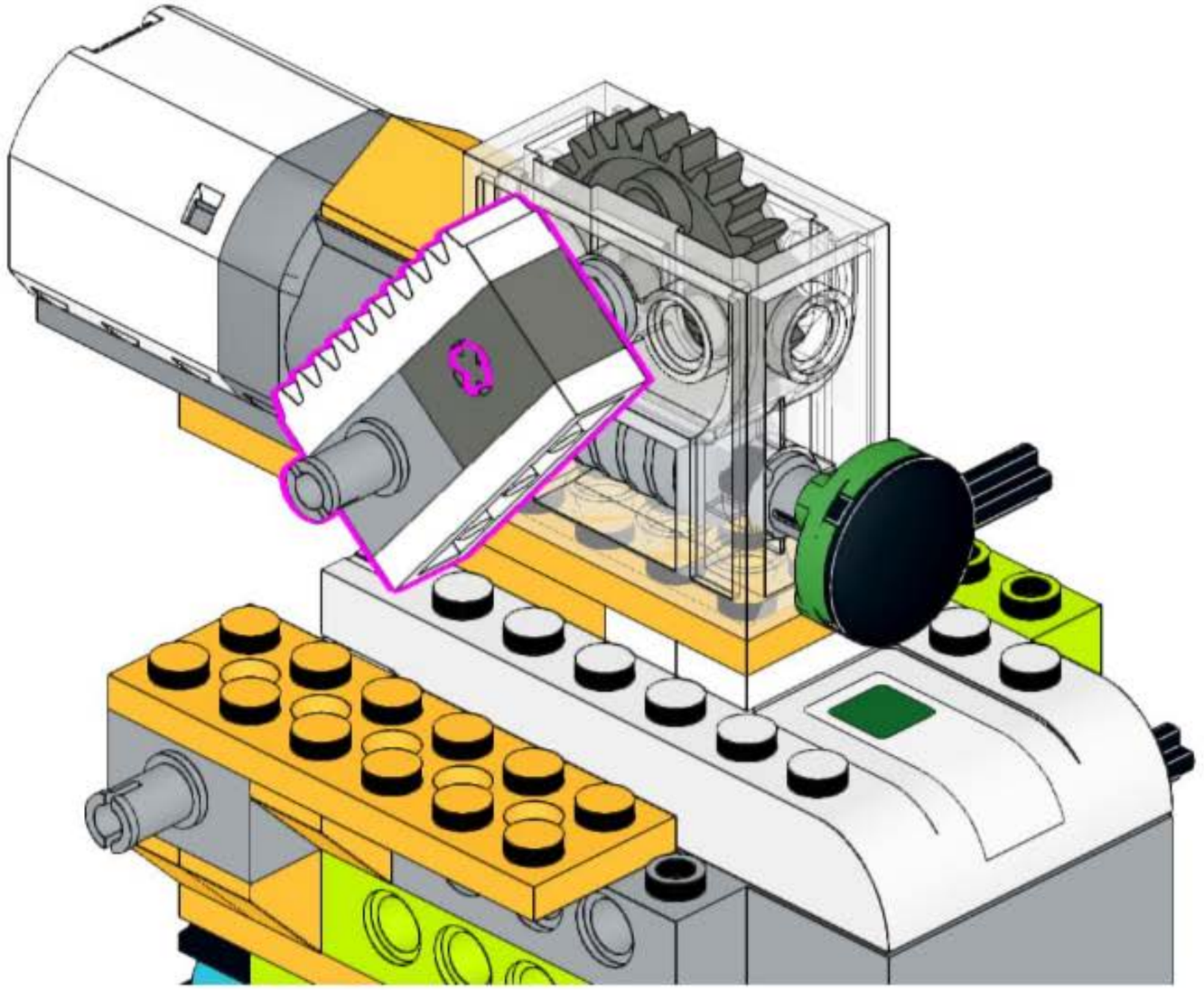

1x
1x

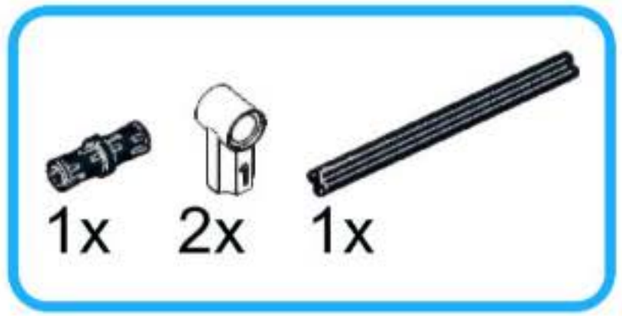


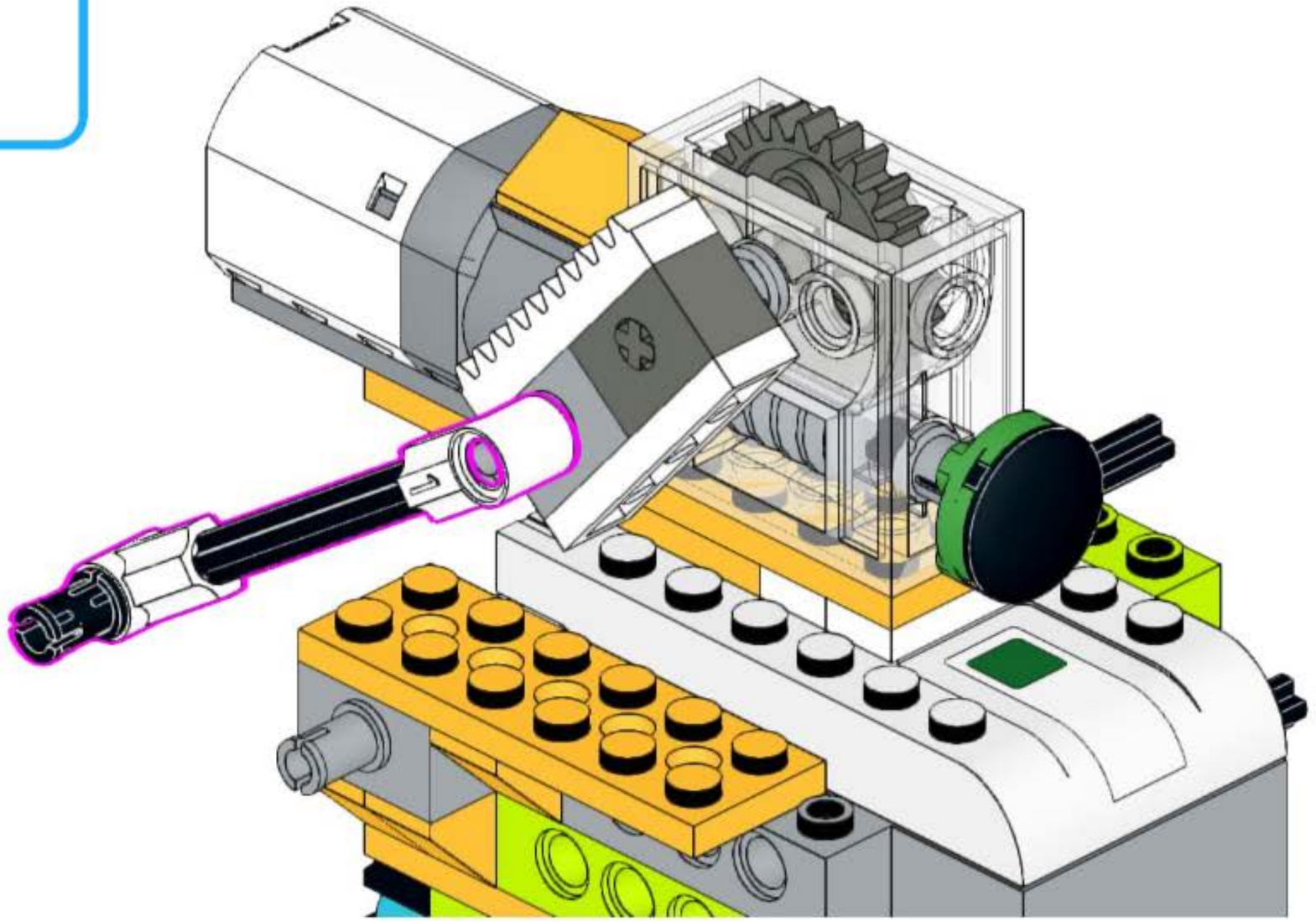

1x
1x

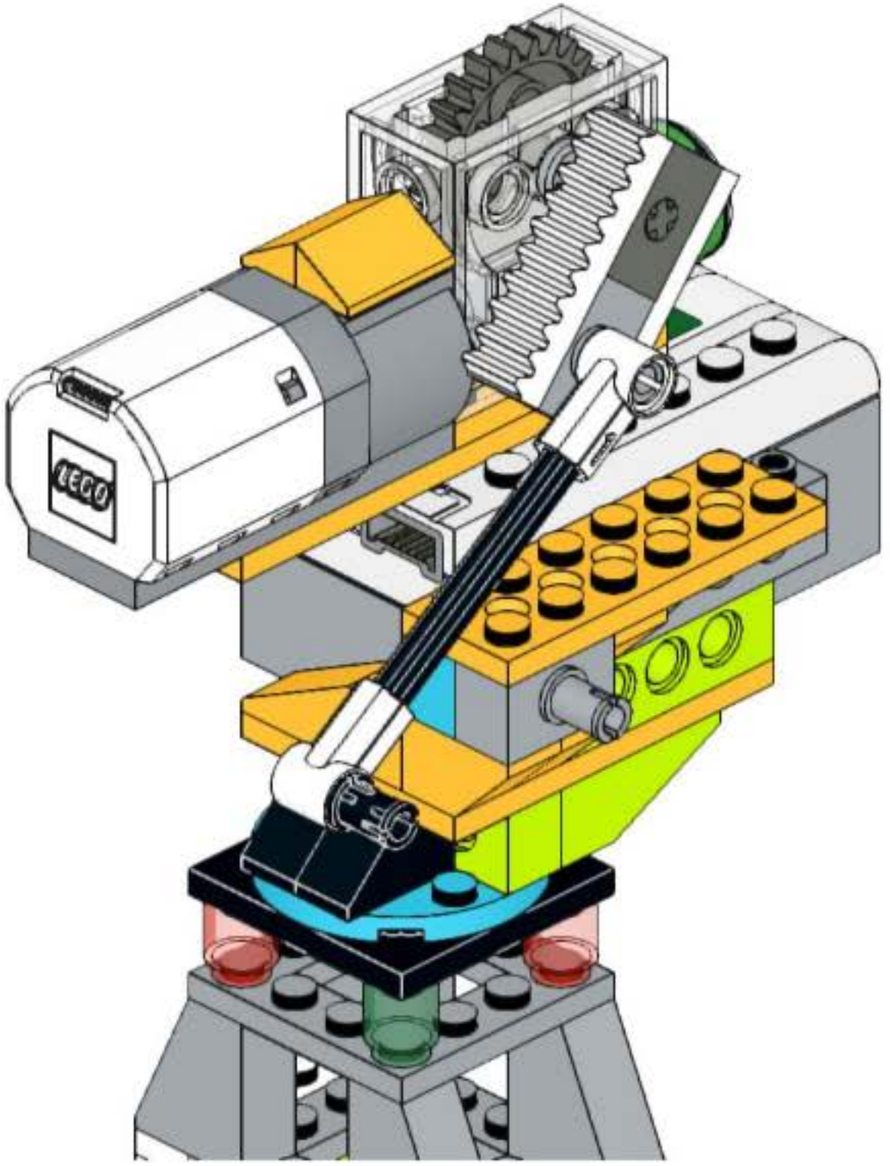


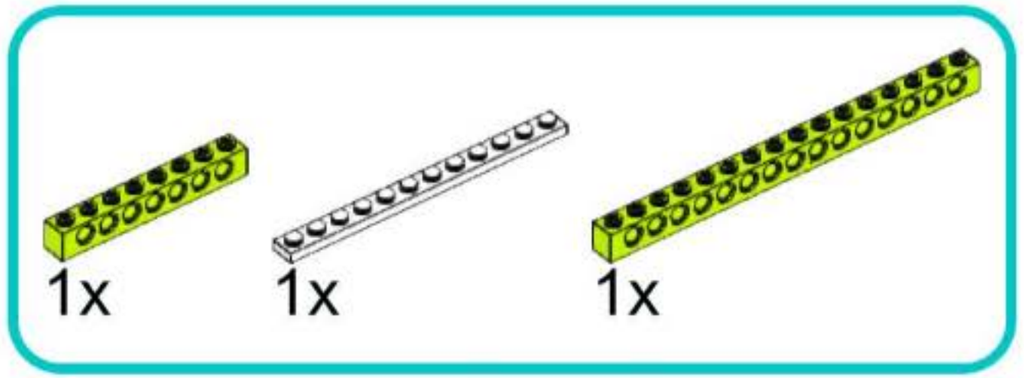


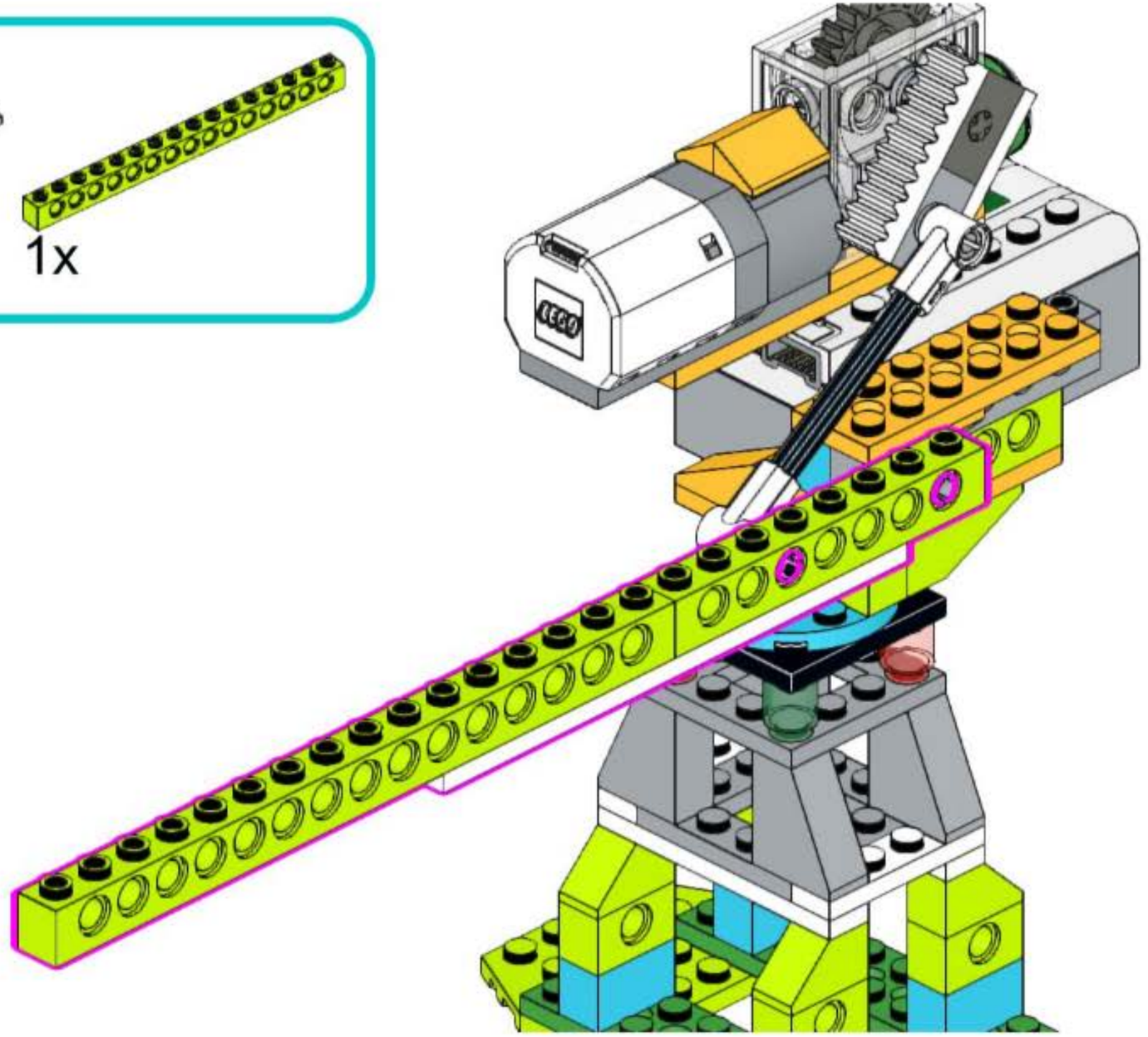


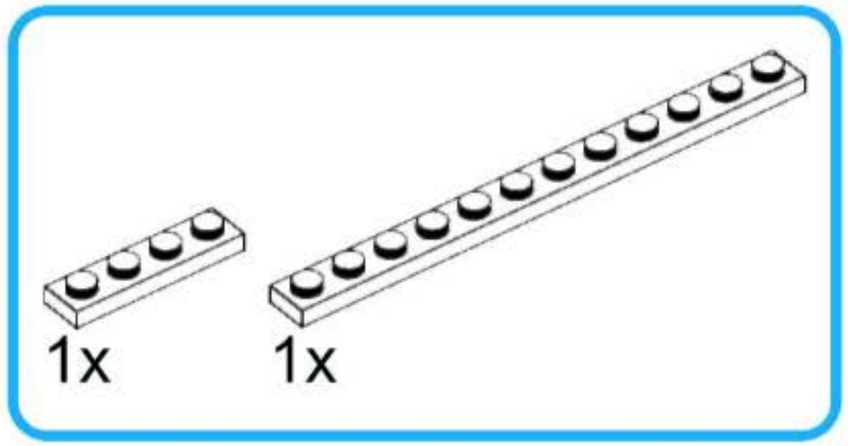

1x
2x
1x

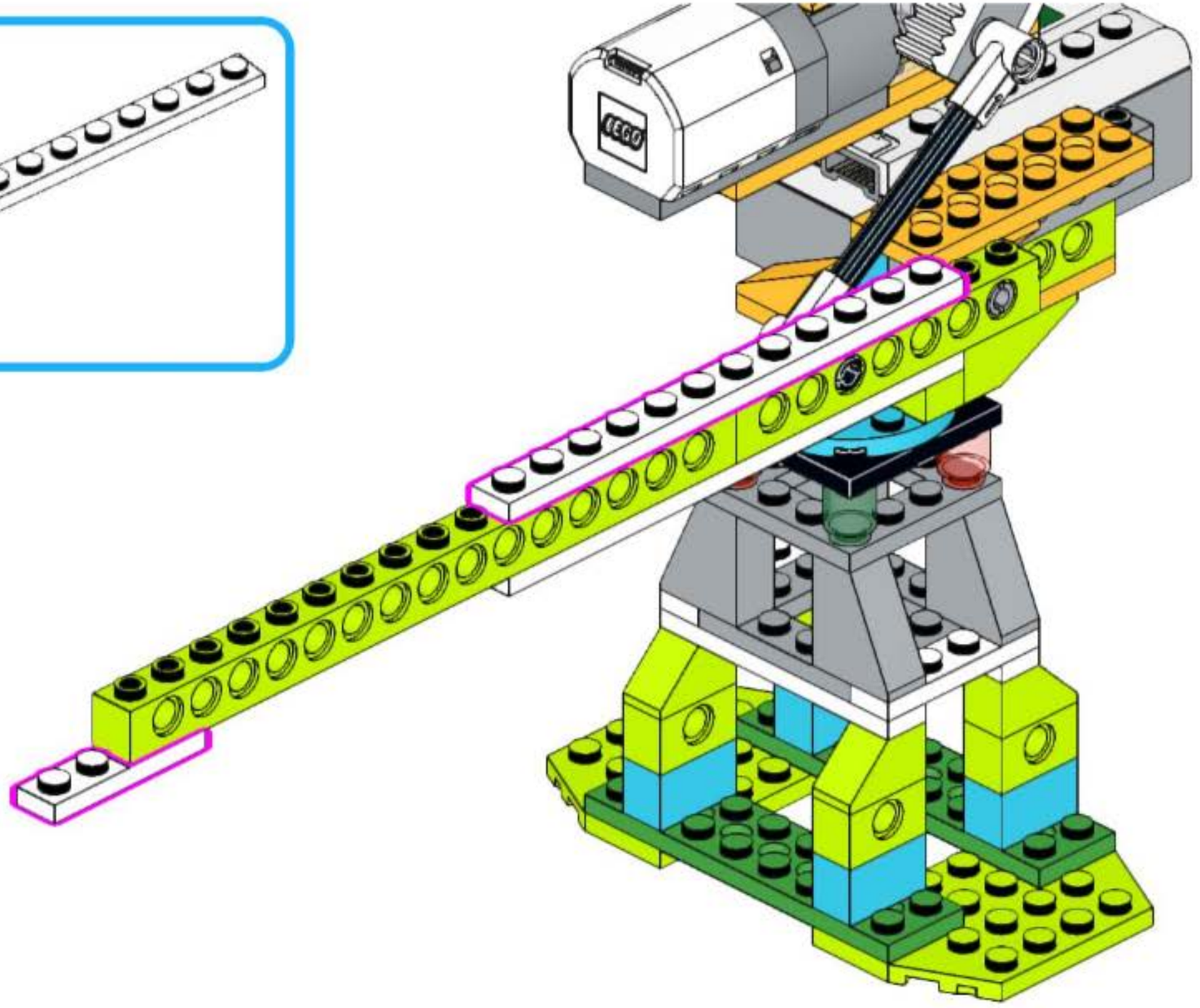


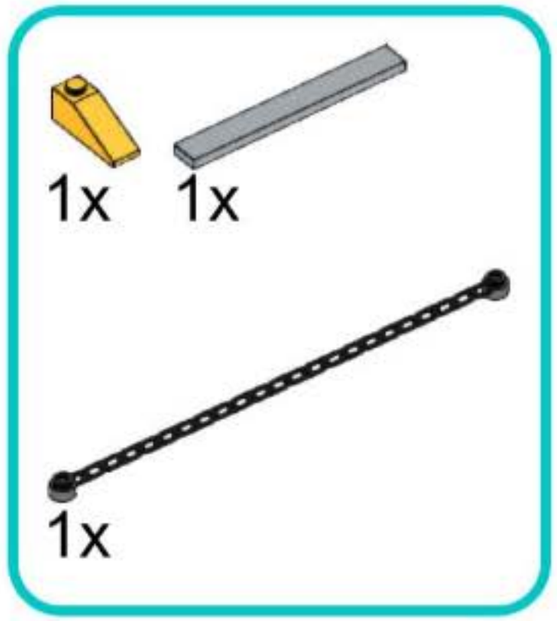

LEGO

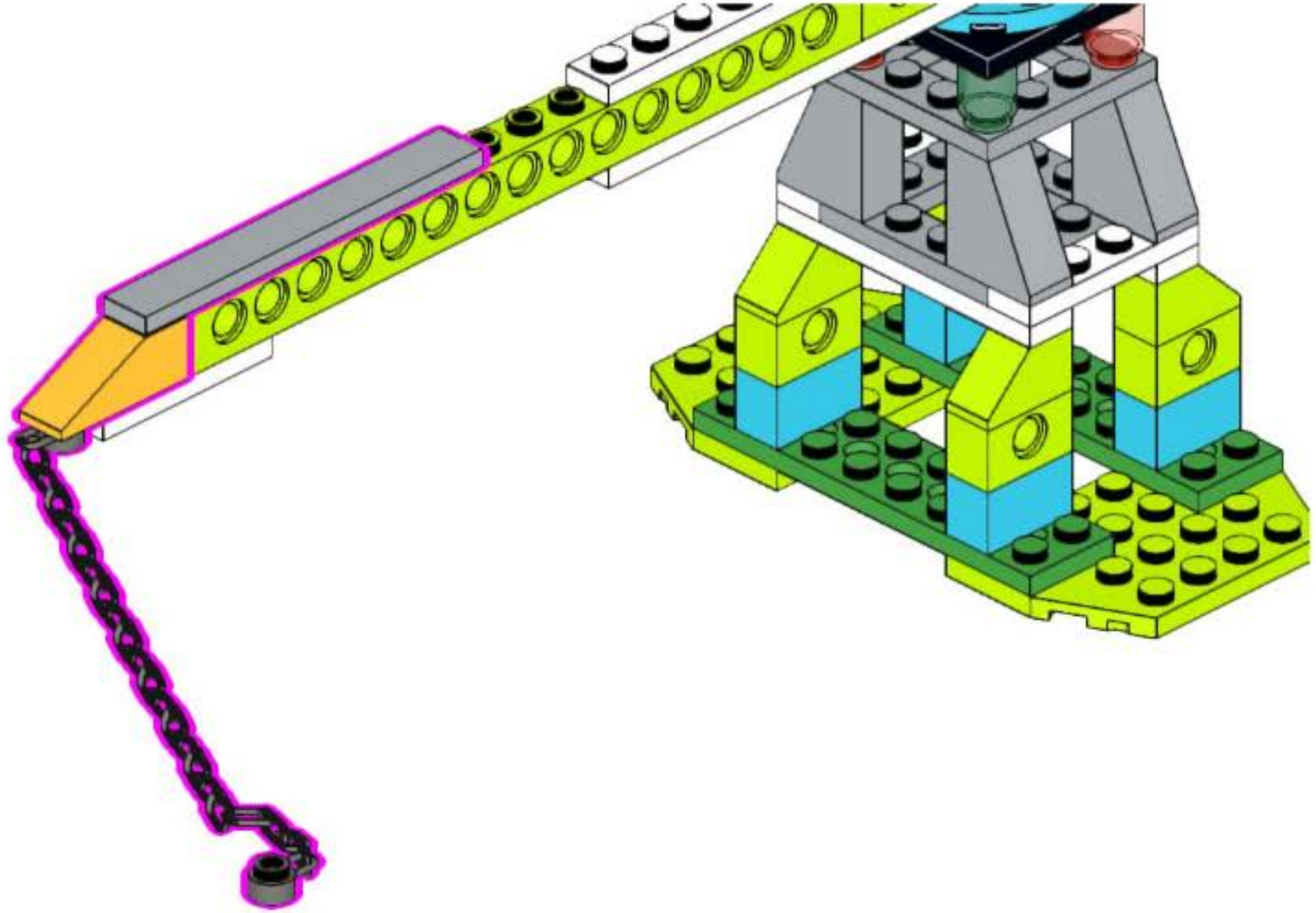

1x
1x
1x

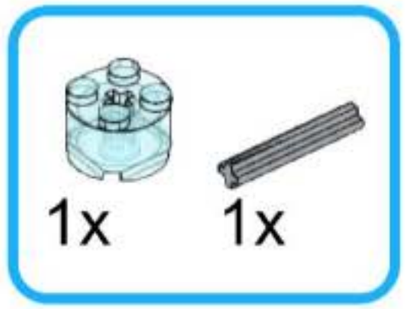


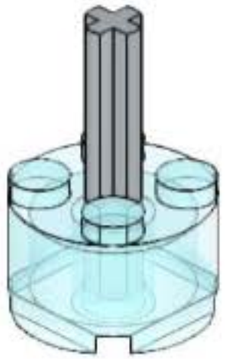

1x
1x



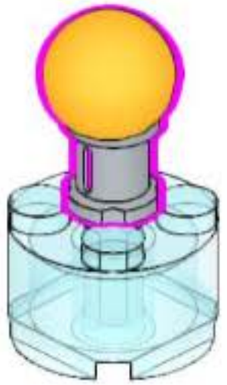

1x
1x
1x

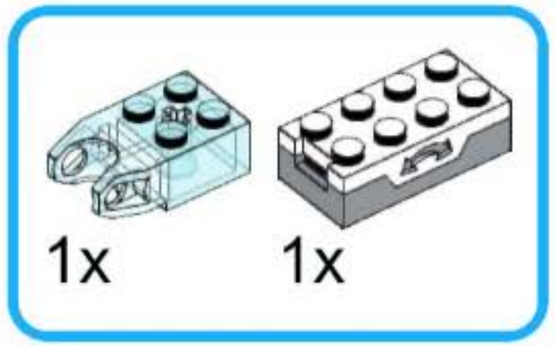


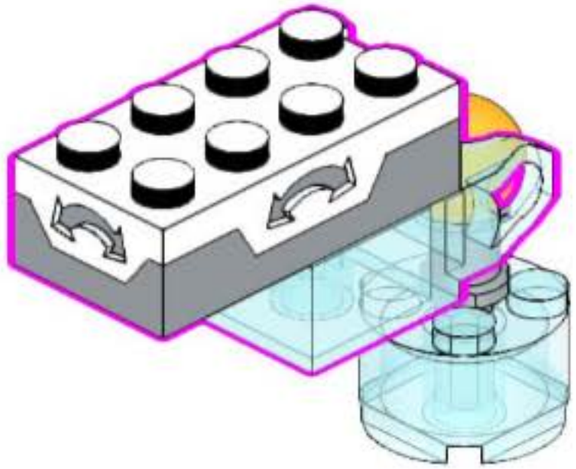

1x
1x

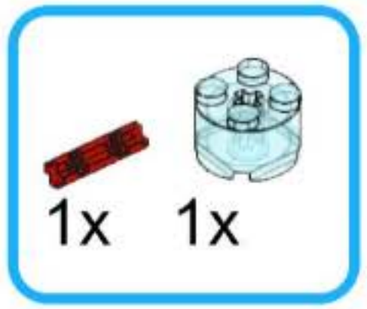


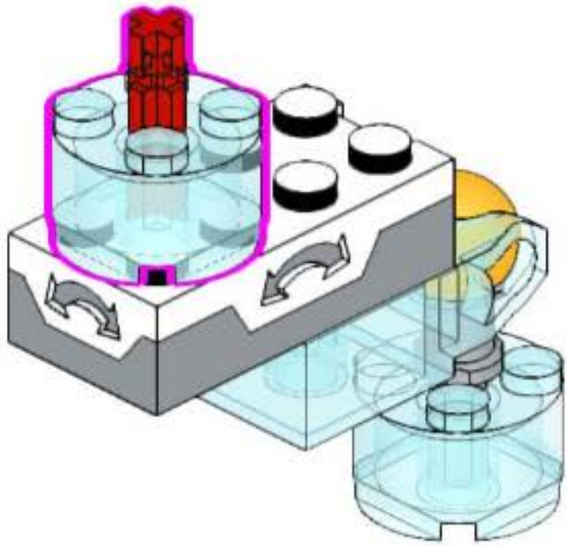
1x
1x

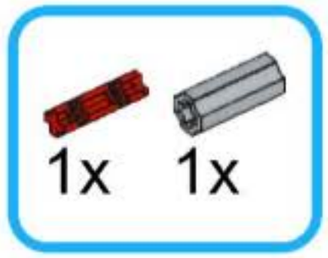


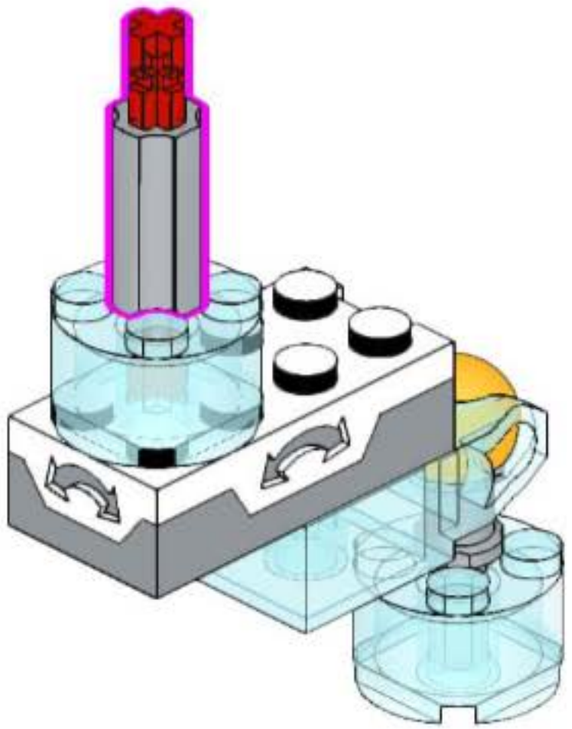

1x
1x



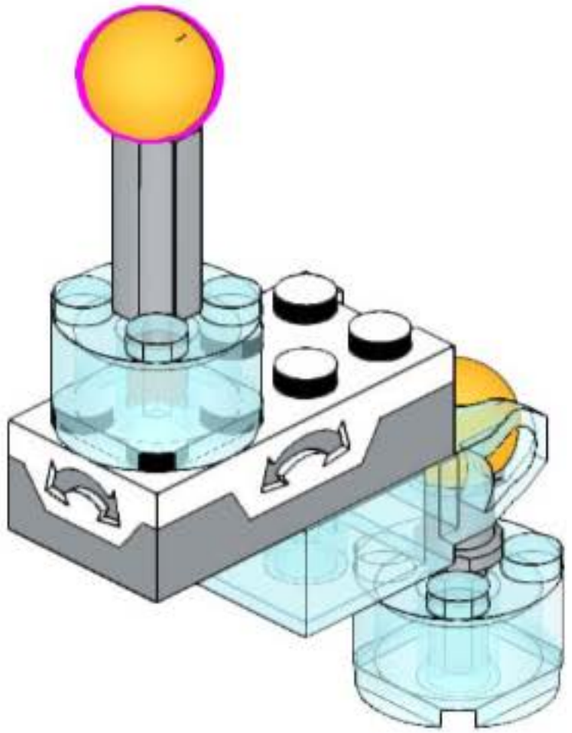

1x
1x

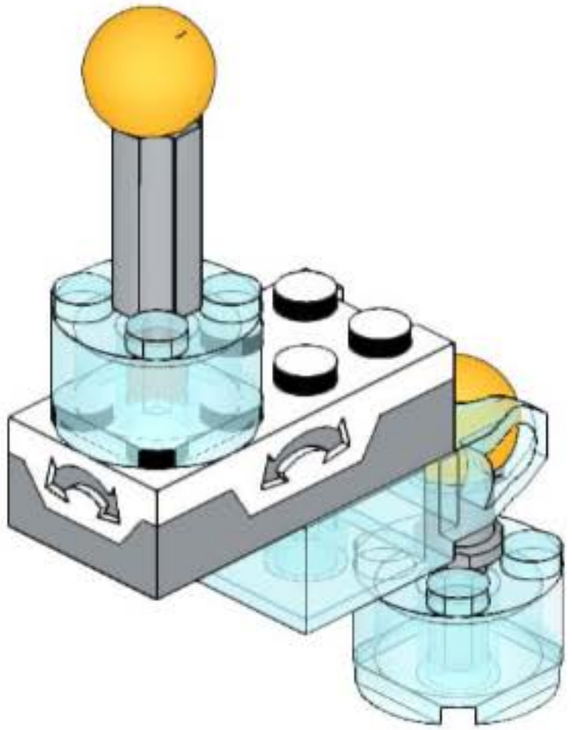


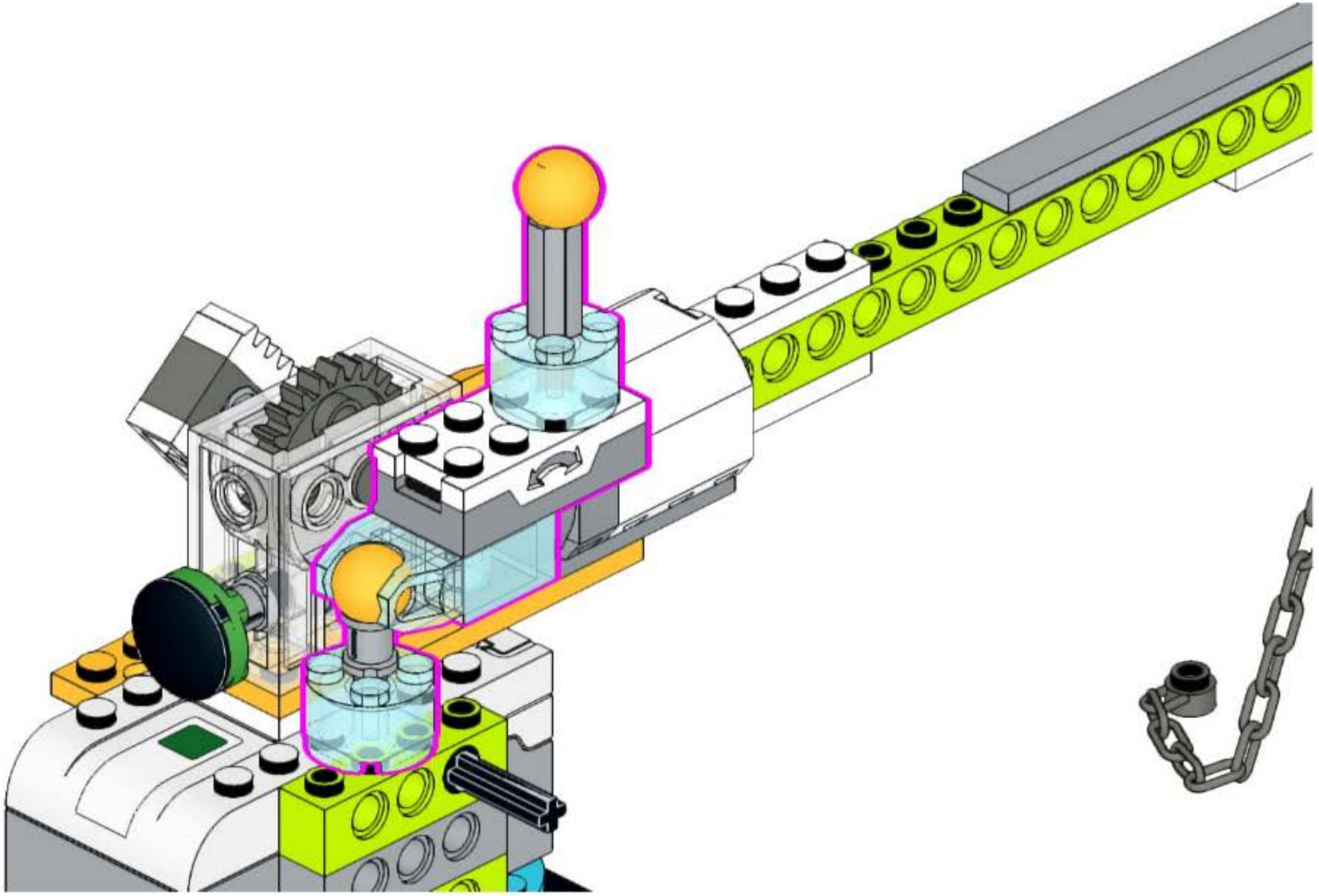

1x
1x

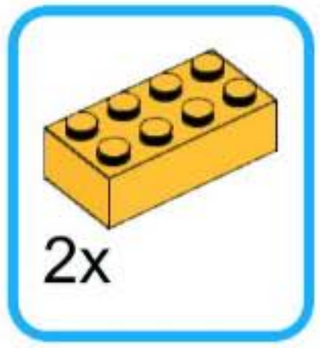


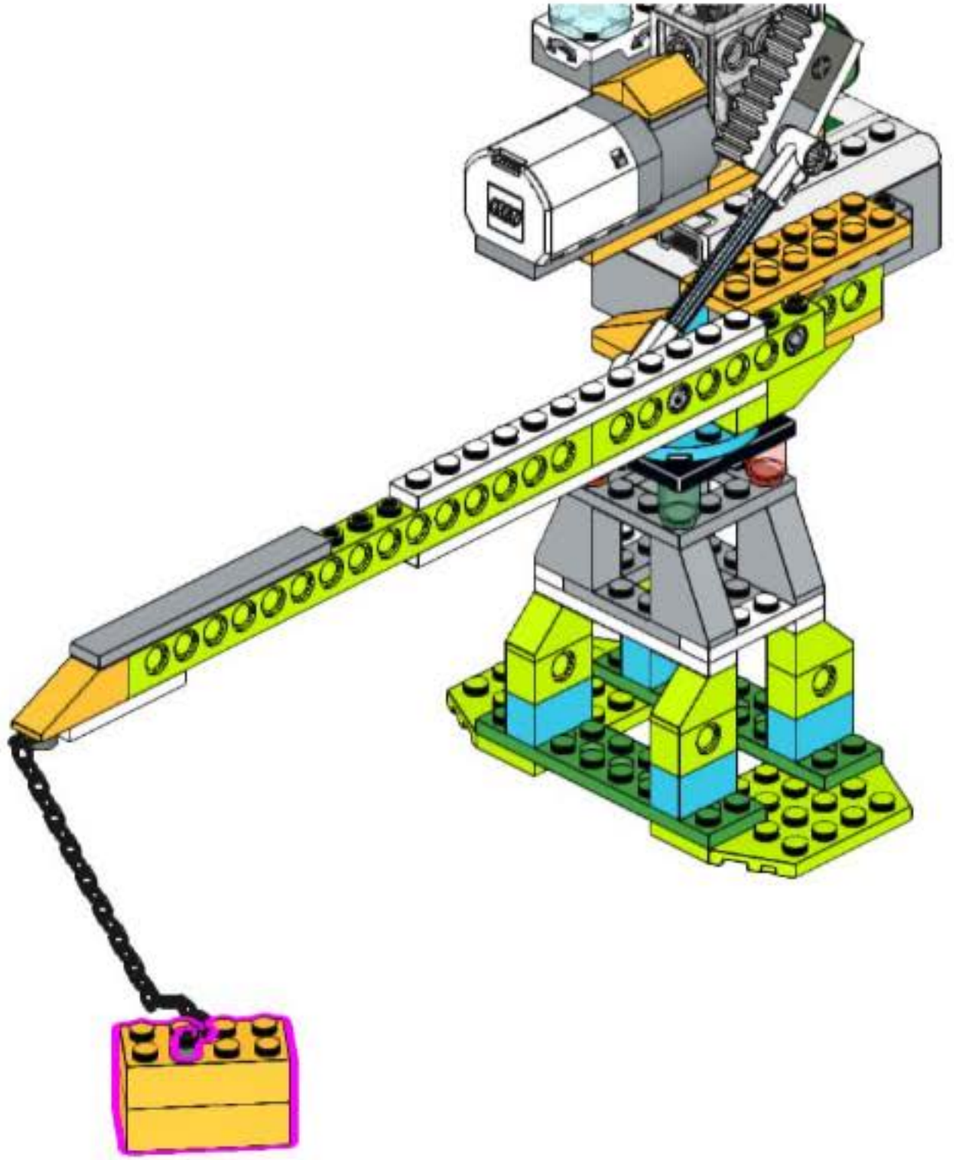
1x







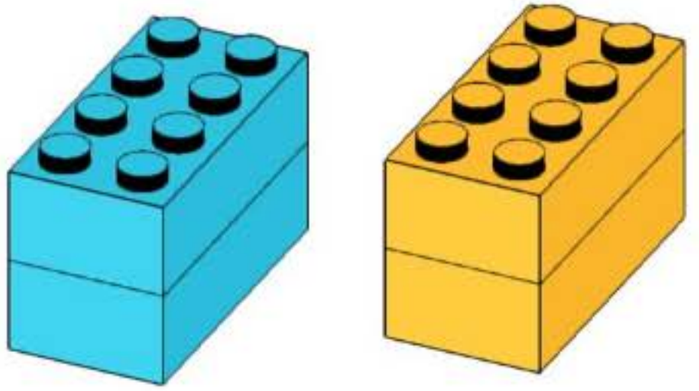

2x

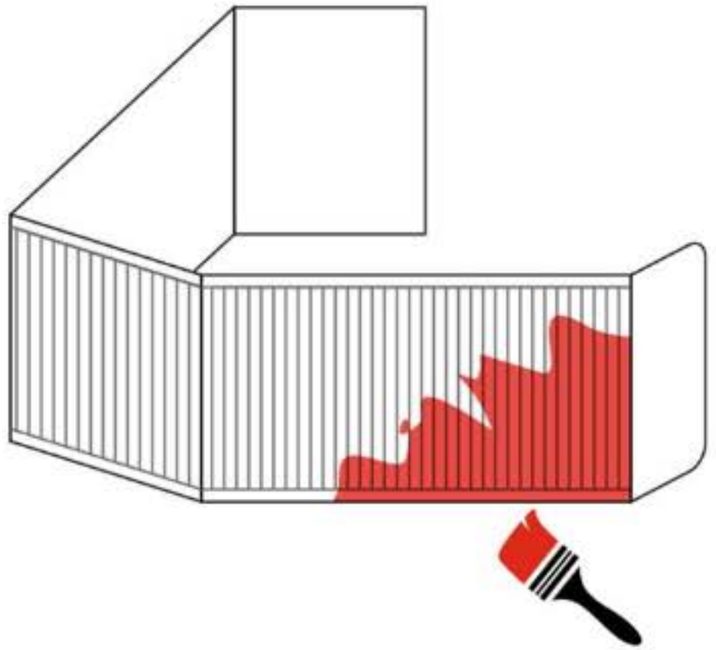


Task 1

Assemble a pair of loading containers from two 2×4 blocks.

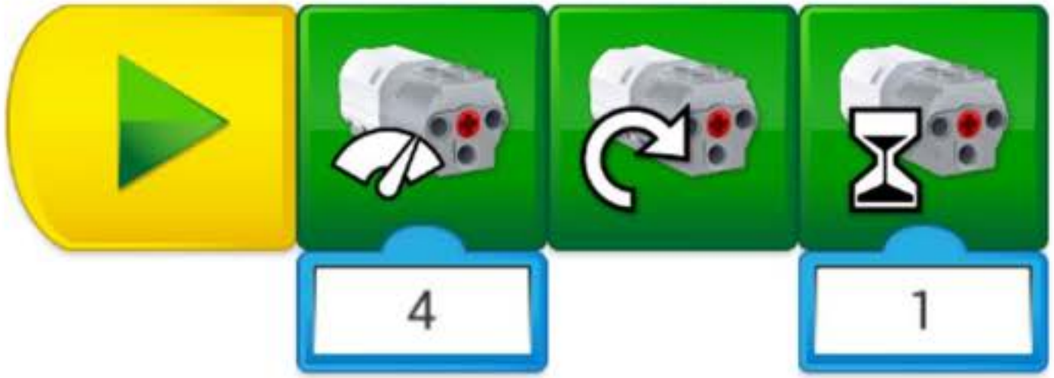
Cut, color and glue the wrapper for our containers.





Task 2

Let's make a program for controlling the crane boom.

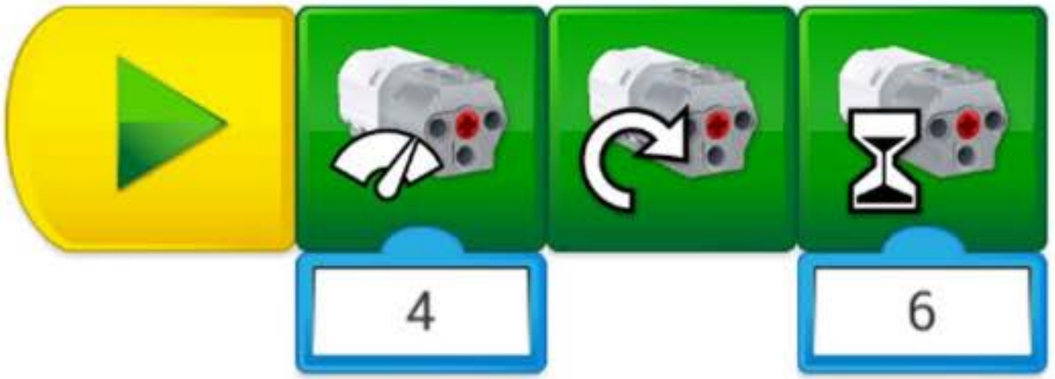


Task 3

Calculate how many times you need to run the program to fully raise or completely lower the crane boom. Let's change the program so that it raises or lowers the arrow completely.

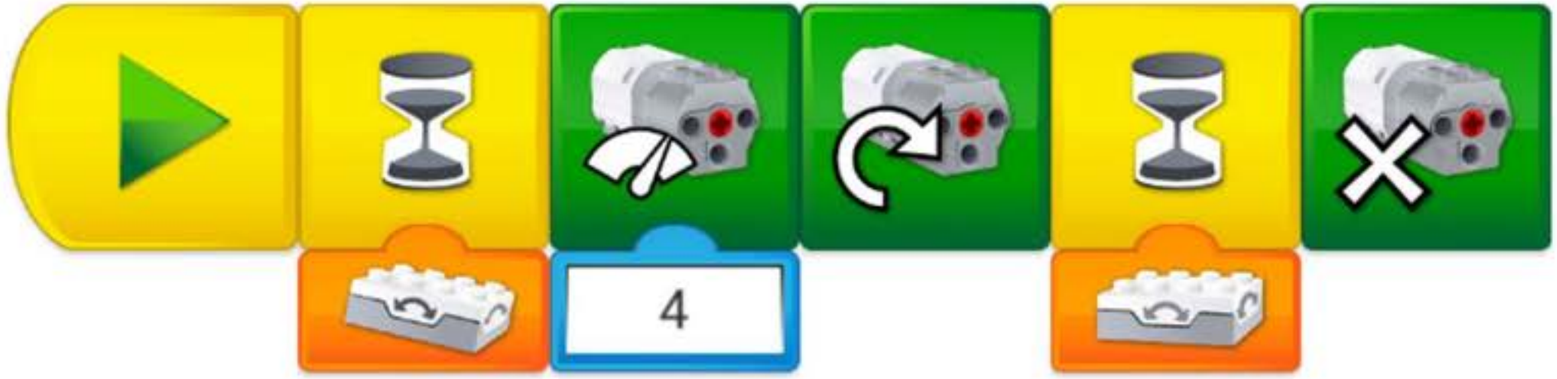
Answer

6 times. Let's change the program.



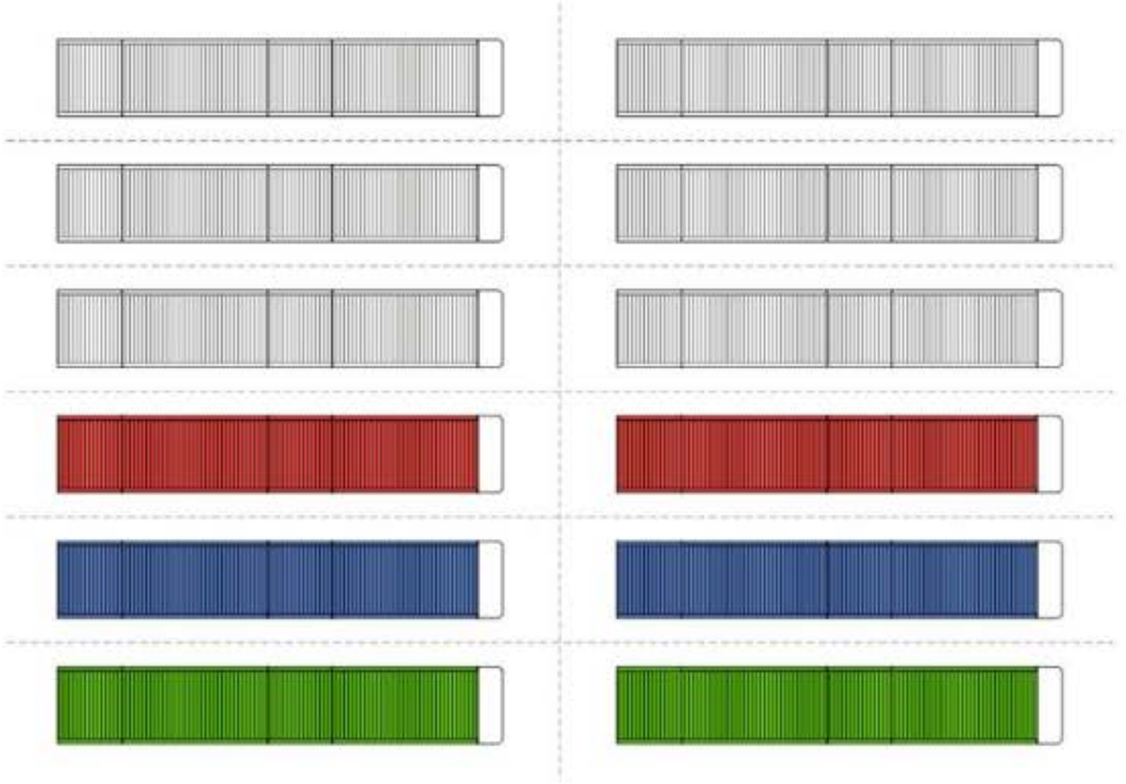
Task 4

We will make a program that will allow you to control the crane with a lever.



Task 5

Let's change the program so that you can raise and lower the arrow several times.

Materials for the lesson

Pattern «Containers»