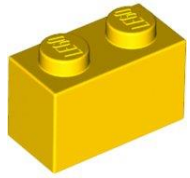


# 地震模擬台的製作和操作

利用樂高積木組裝兩軸向地震模擬震動台

# 所需套件

- ▶ 2 X WeDo 2.0 Lego kits
- ▶ 1 X 樂高積木補充包



X 10



X 2



X 2



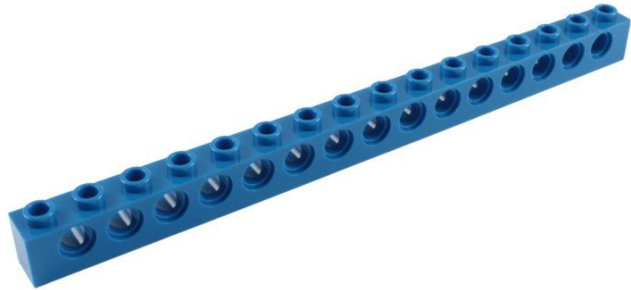
X 4



X 6



X 2



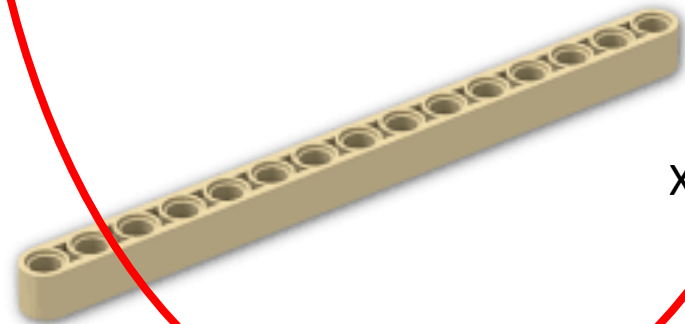
X 8



X 1



X 3



X 1

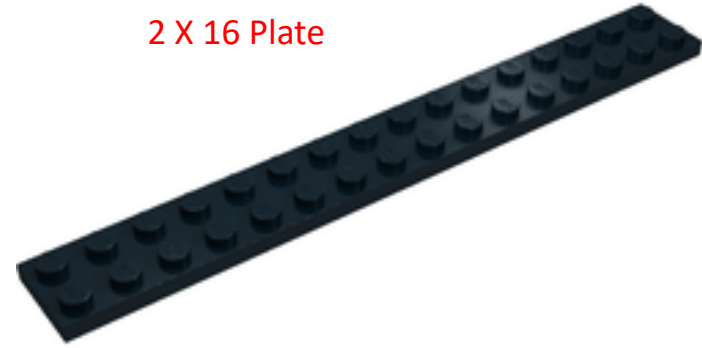


X 6



X 8

2 X 16 Plate



X 2



X 2



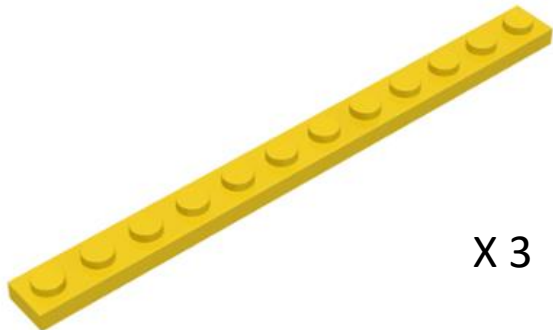
X 8



X 1



X 1



X 3



X 3



X 1



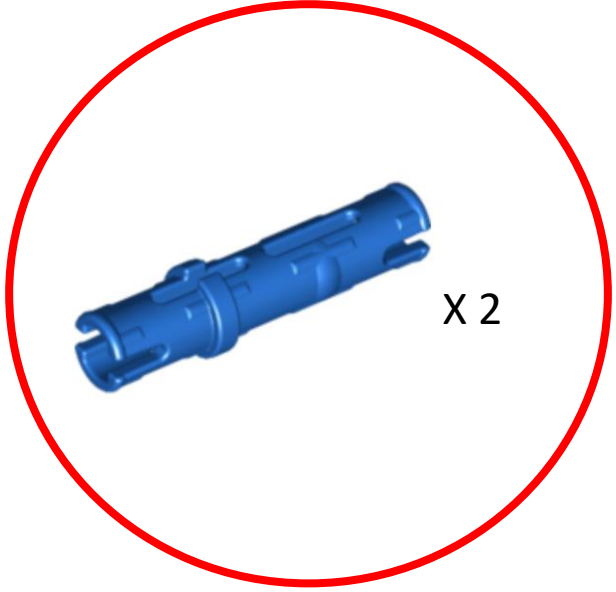
X 10



X 2



X 6



X 2



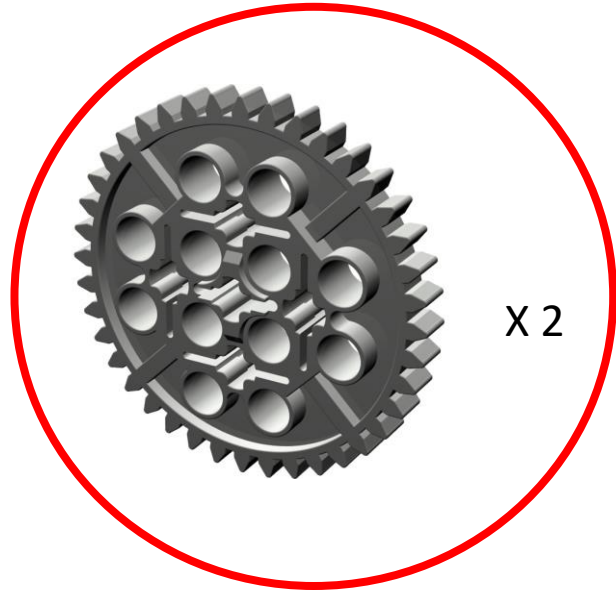
X 2



X 2



X 8



X 2



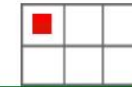
X 2

# 第一部分

使用WeDo介面進行編程

震動強度  
(0-10)

維持  
時間



水平震動台  
部分

abc	6	10

	abc

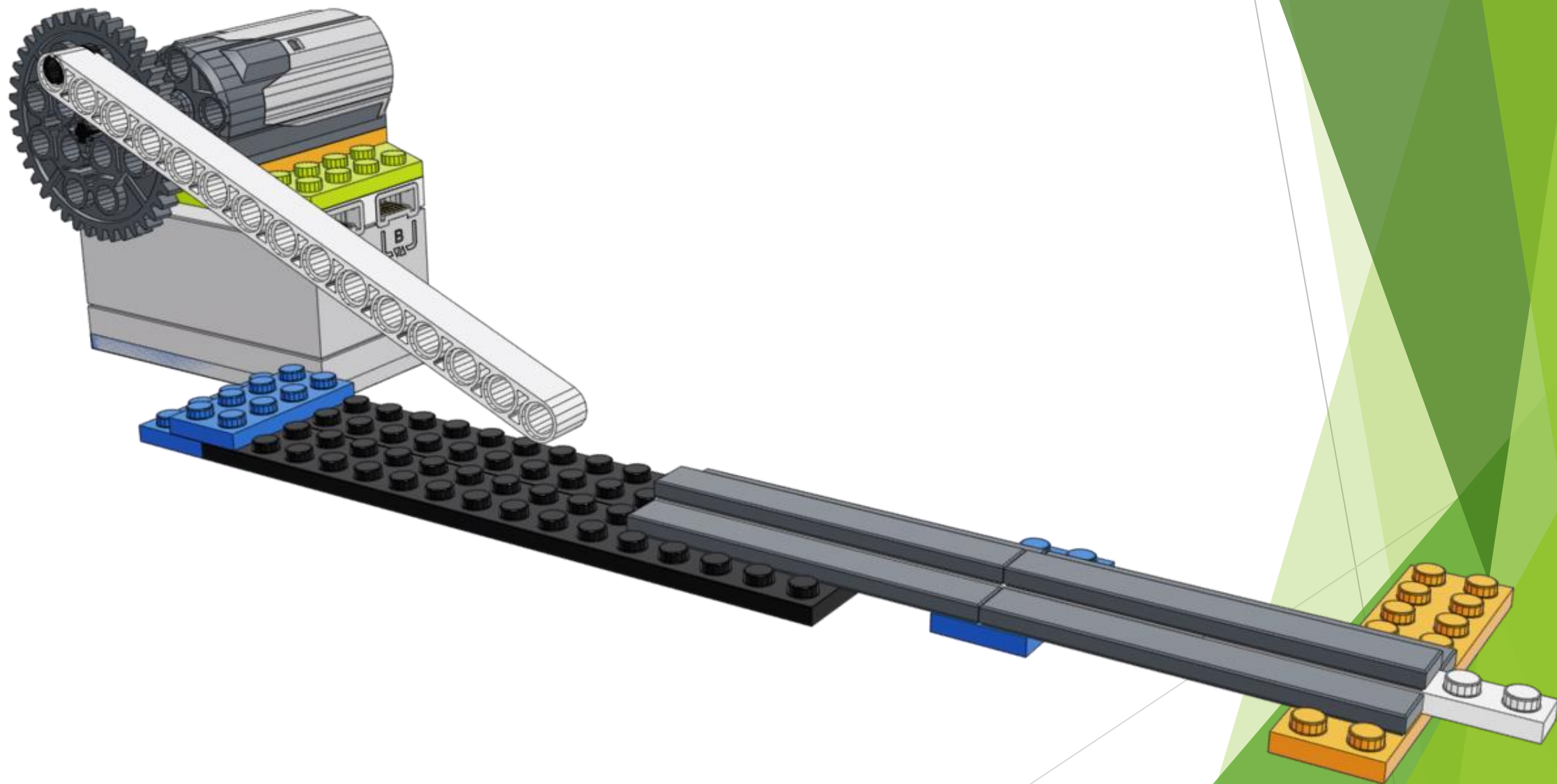
垂直震動台  
部分

abc	3	10

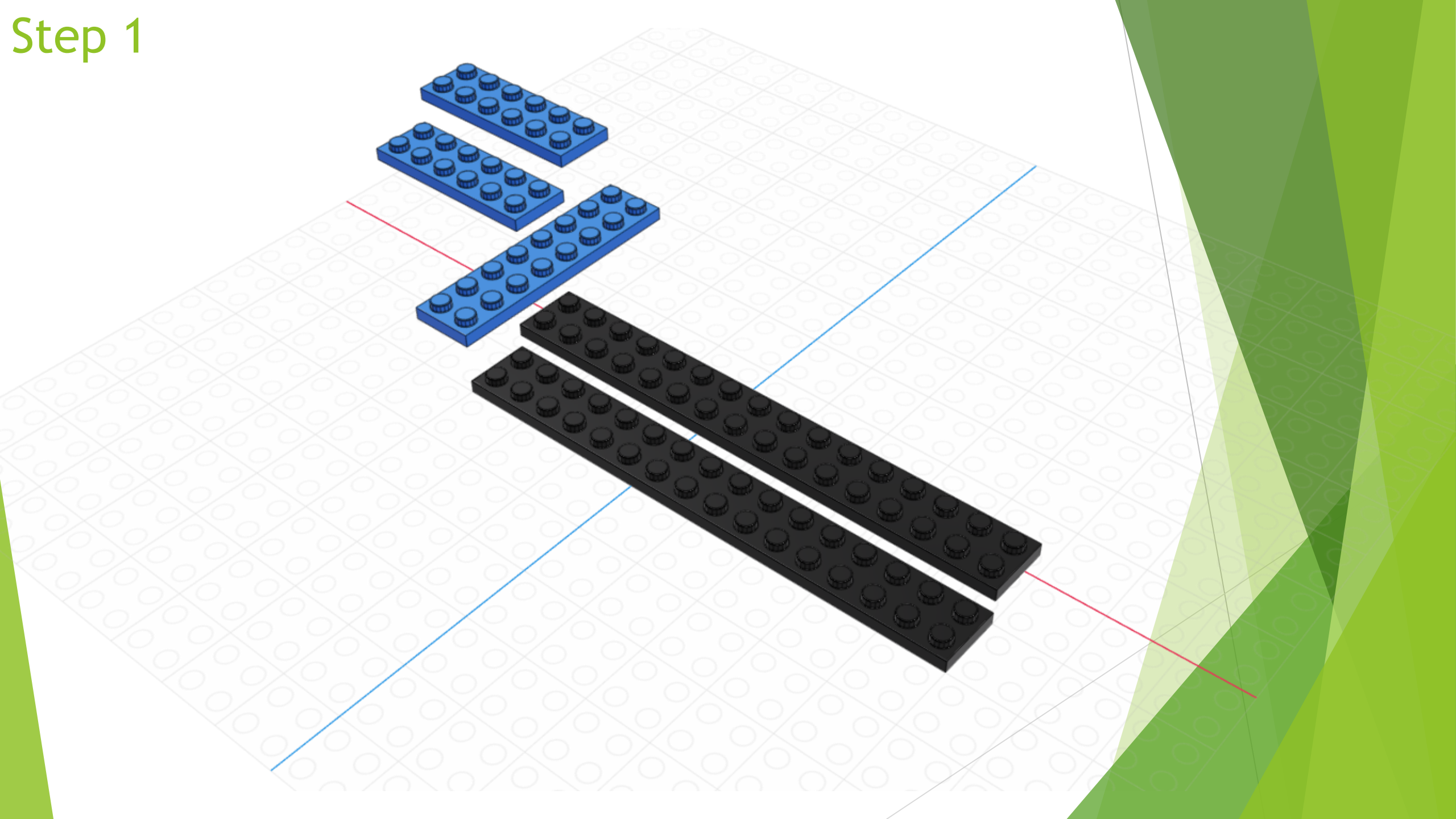
# 第二部分

水平震動台部分

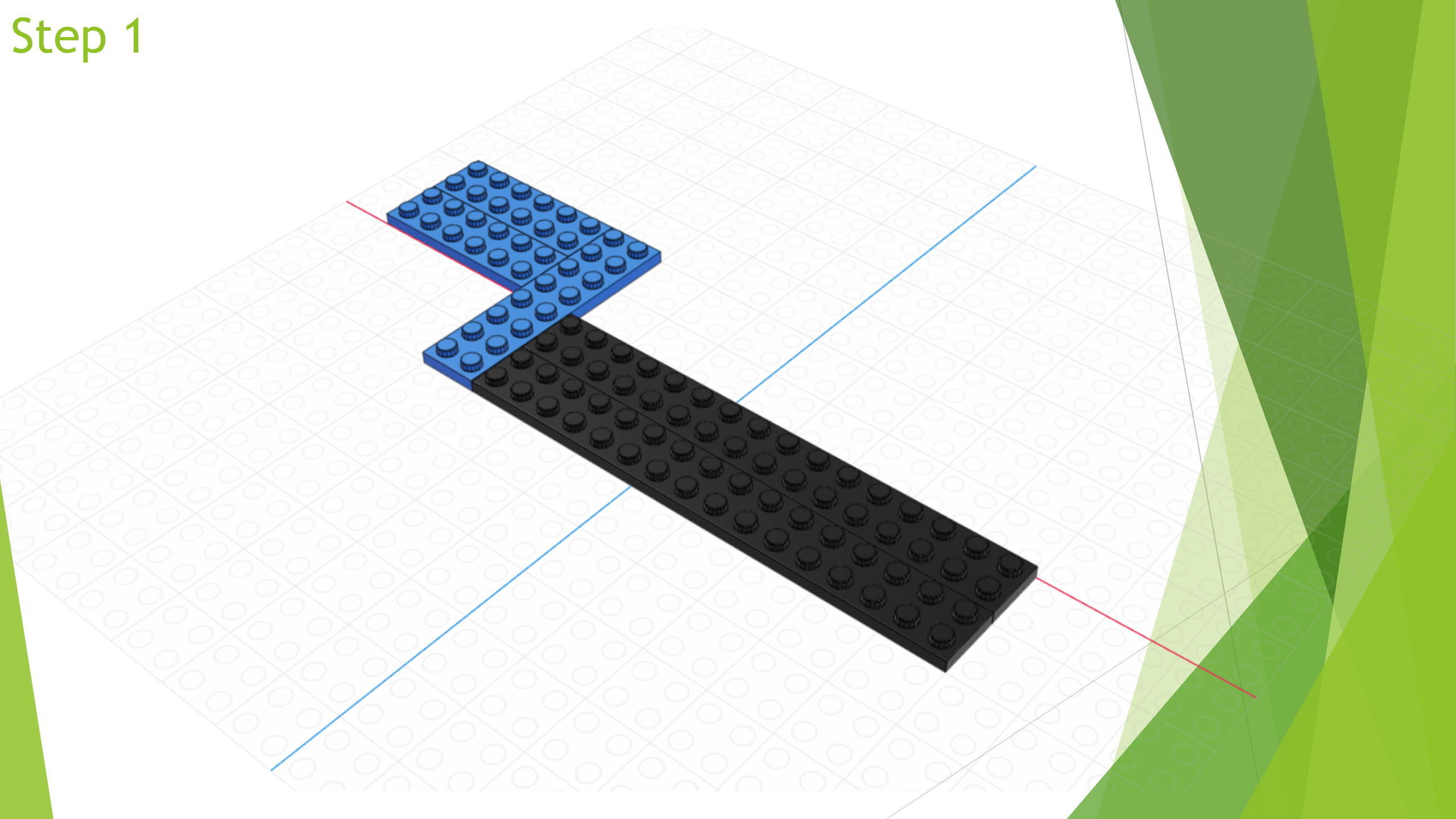




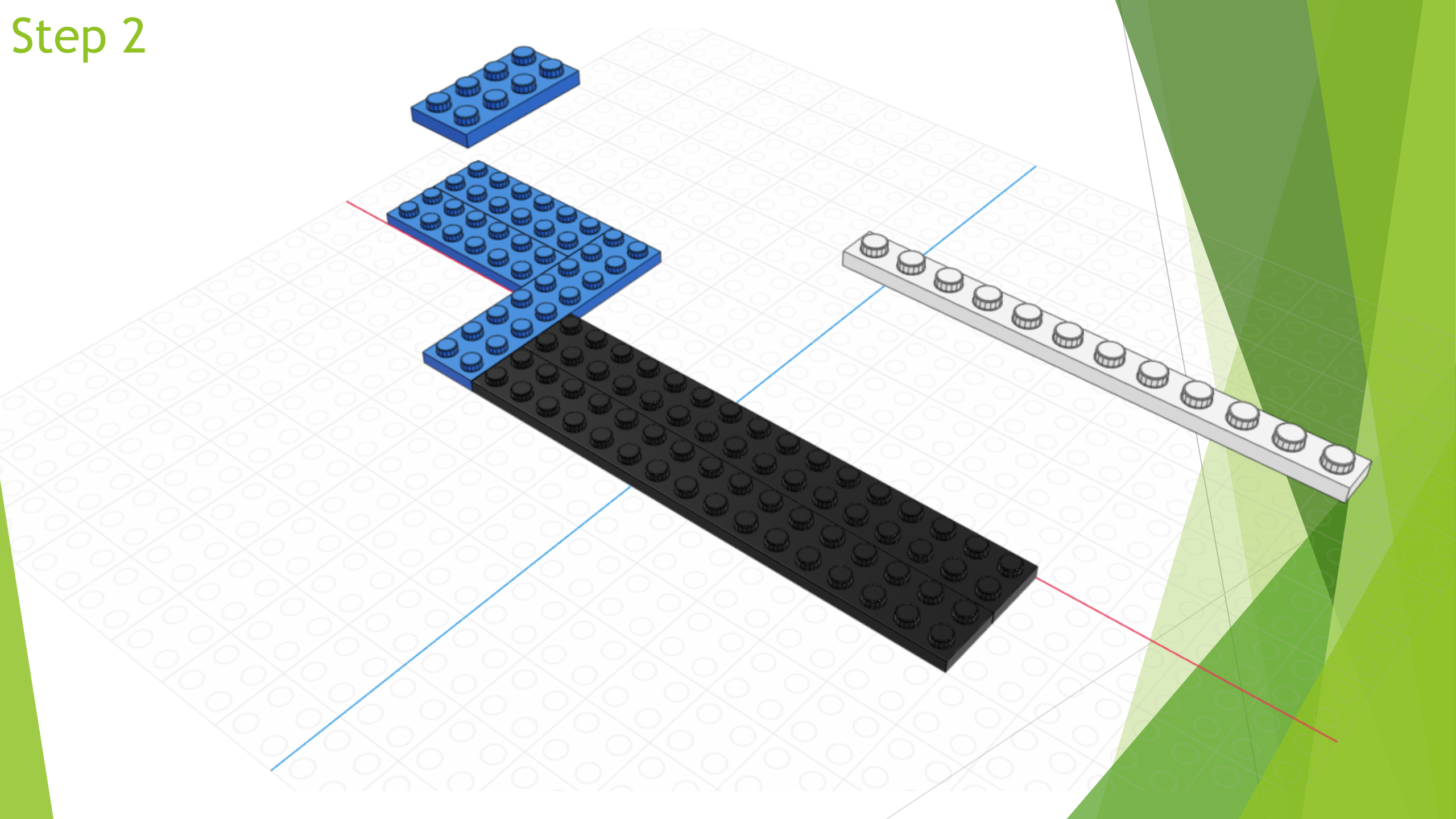
# Step 1



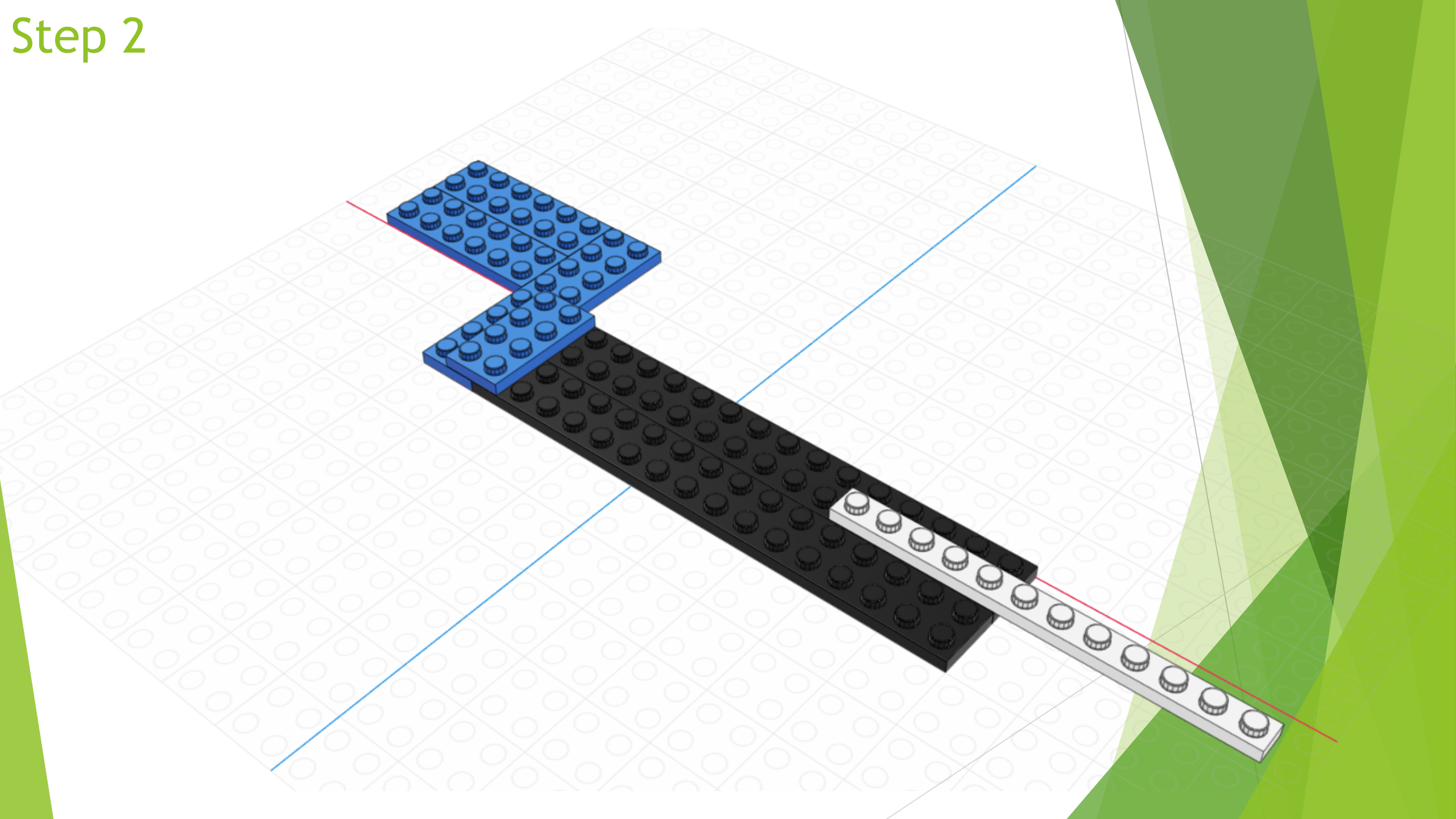
# Step 1



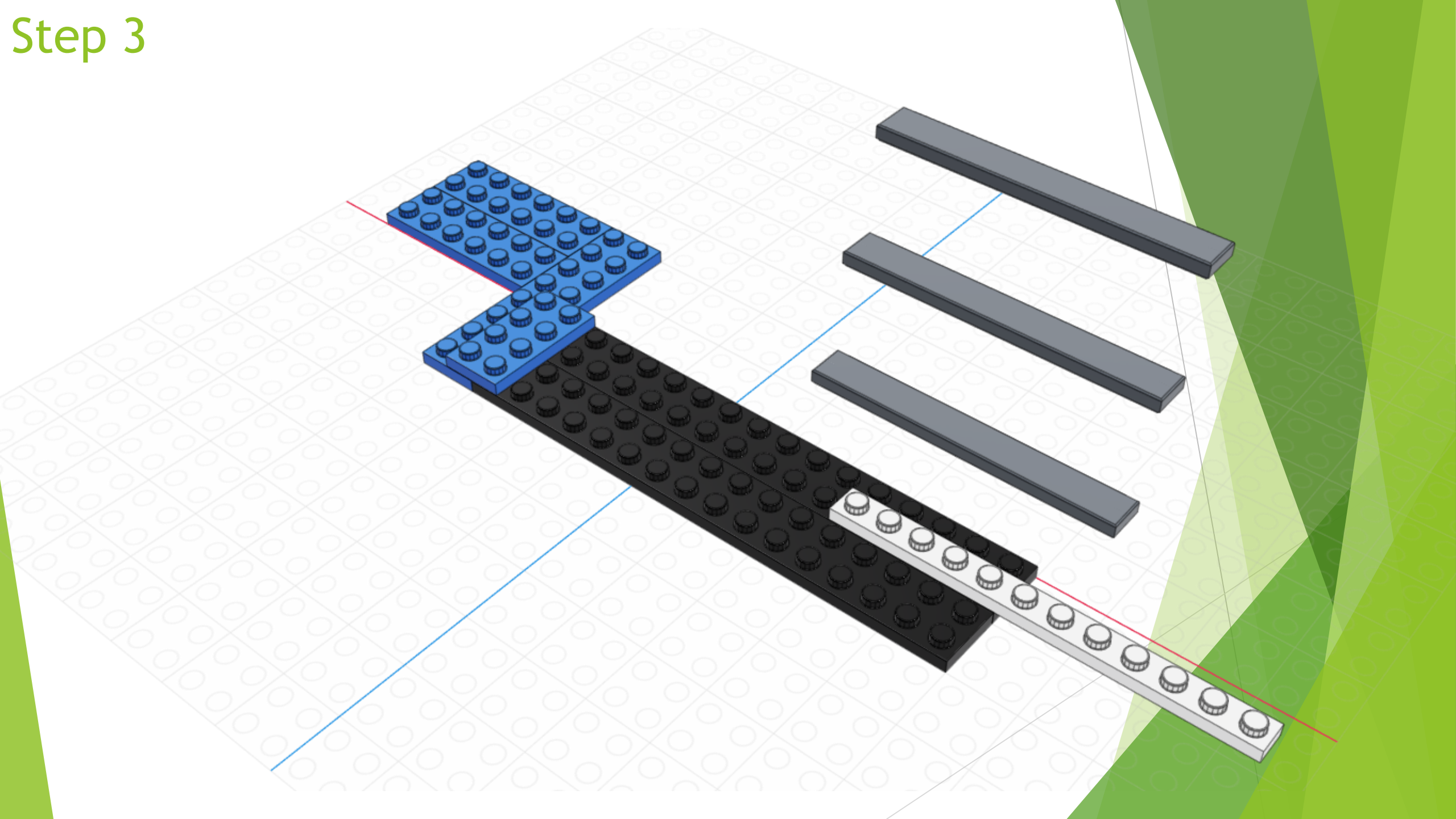
# Step 2



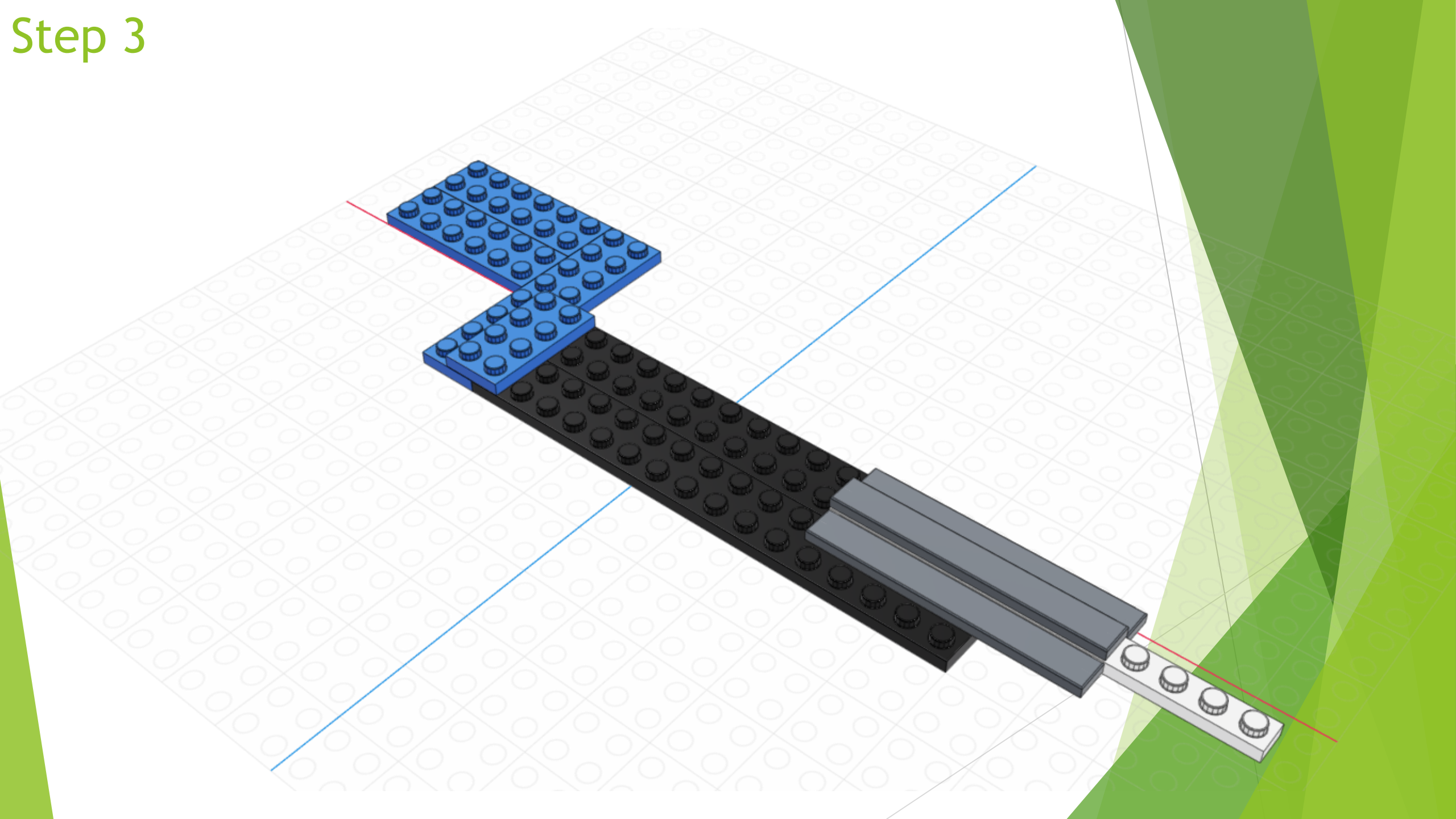
# Step 2



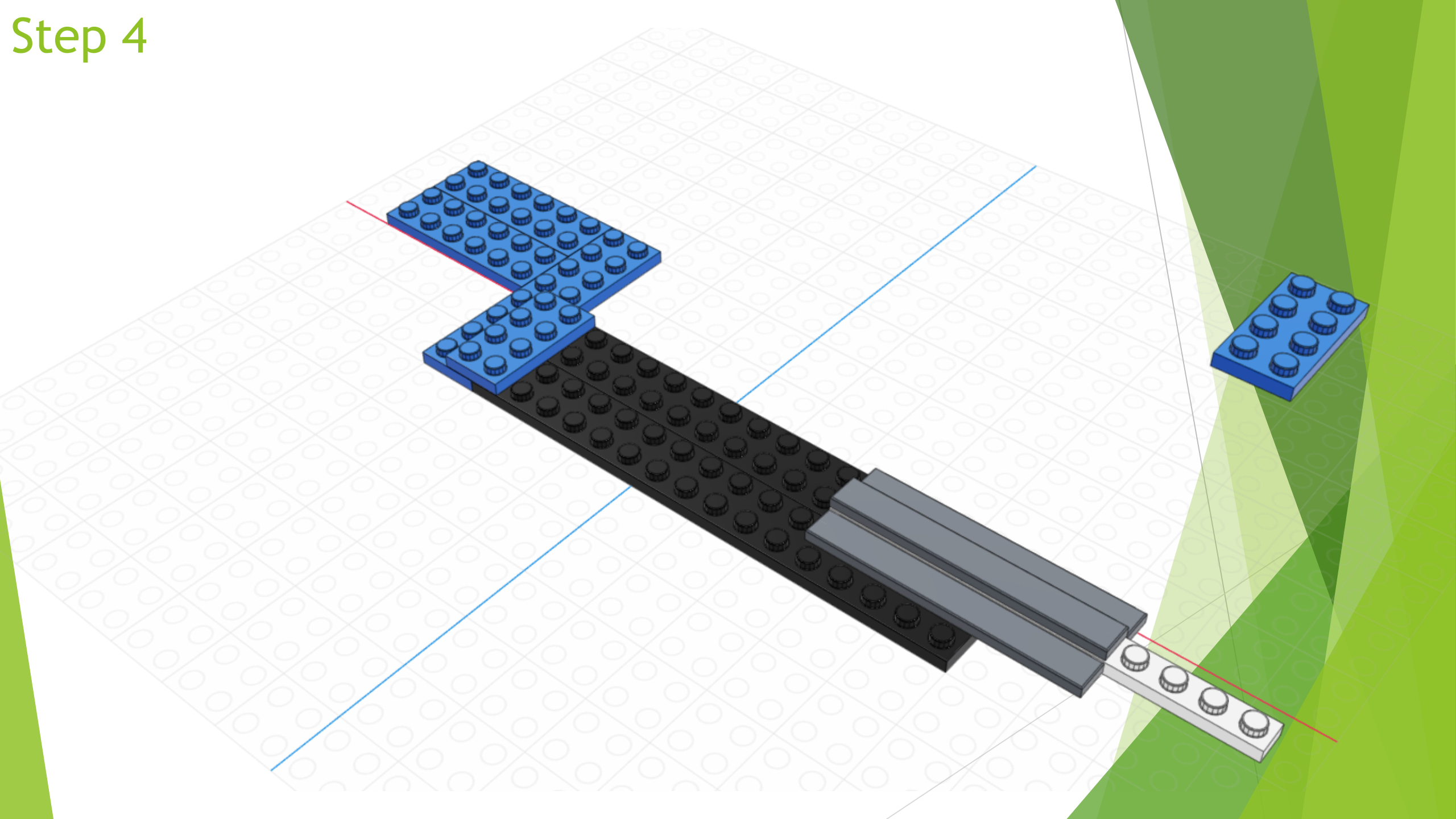
# Step 3



# Step 3

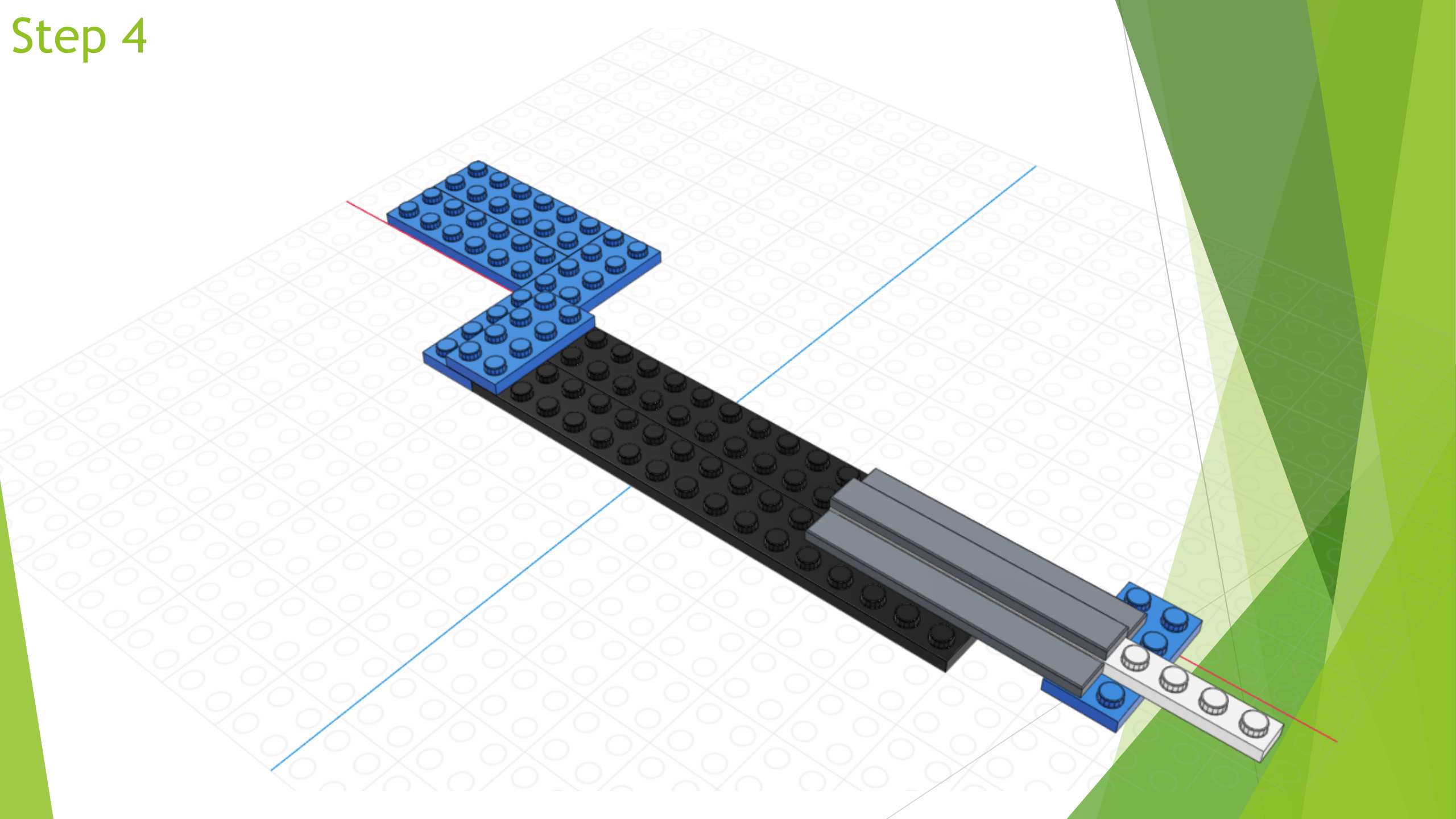


# Step 4

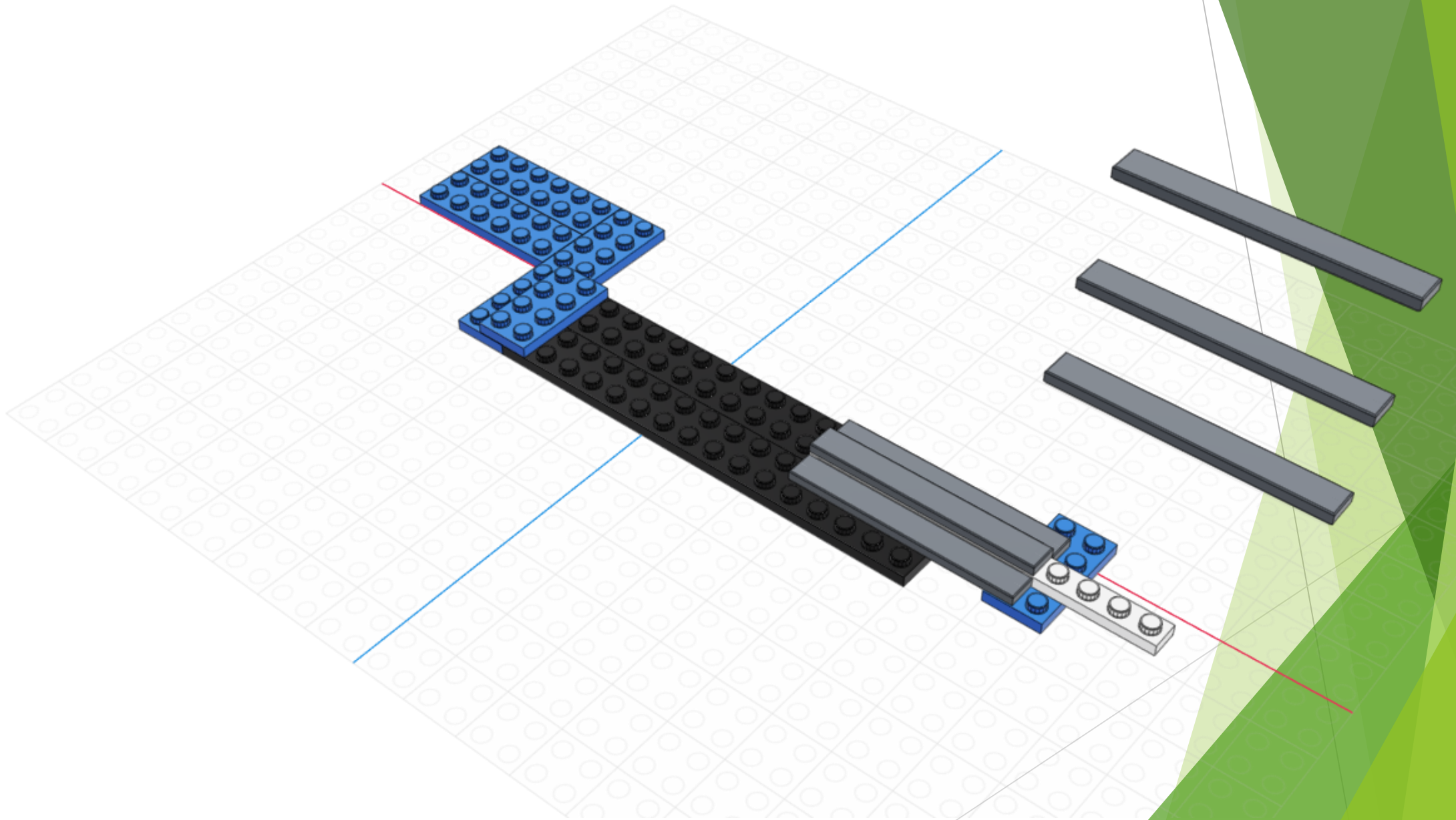




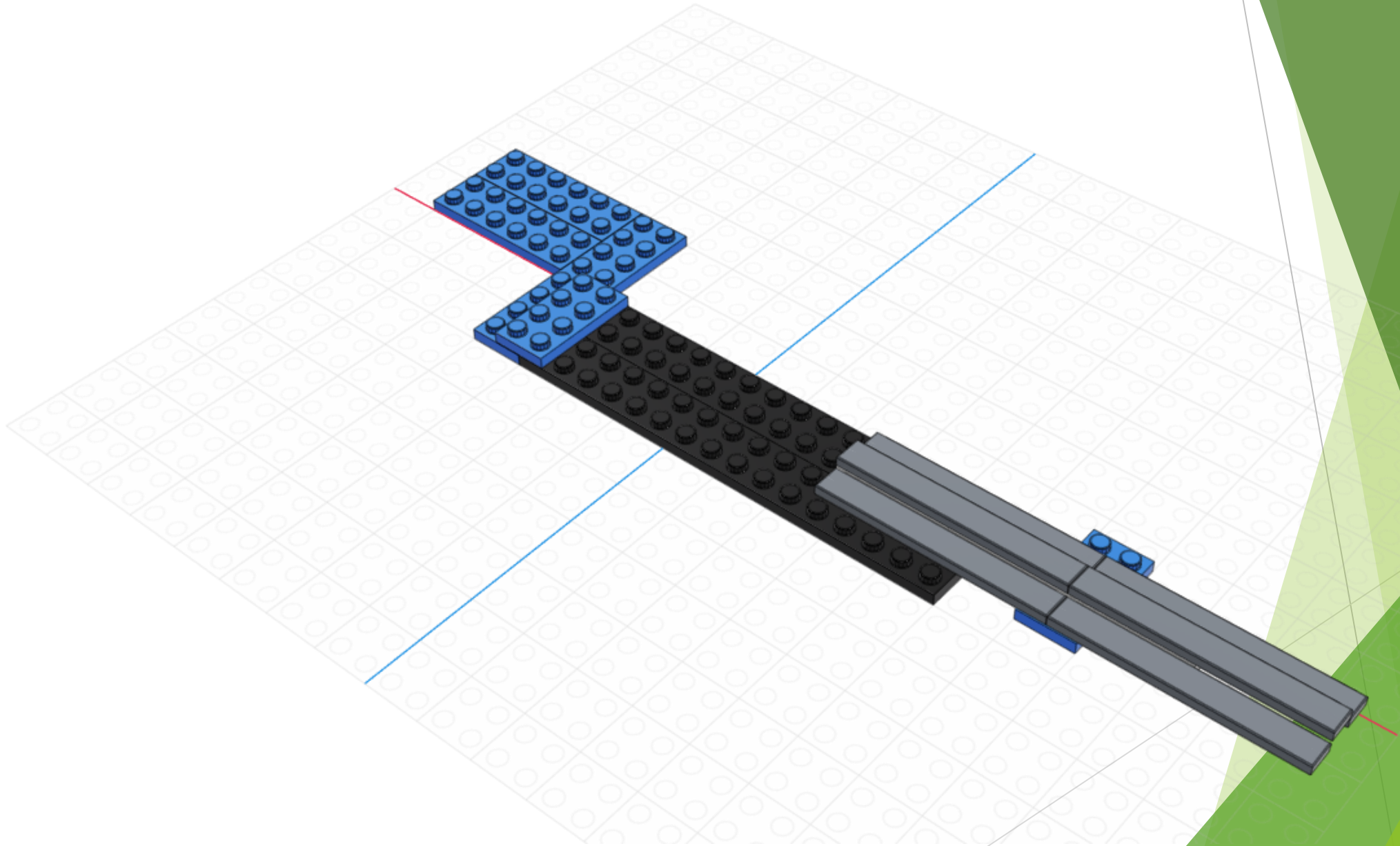
# Step 4



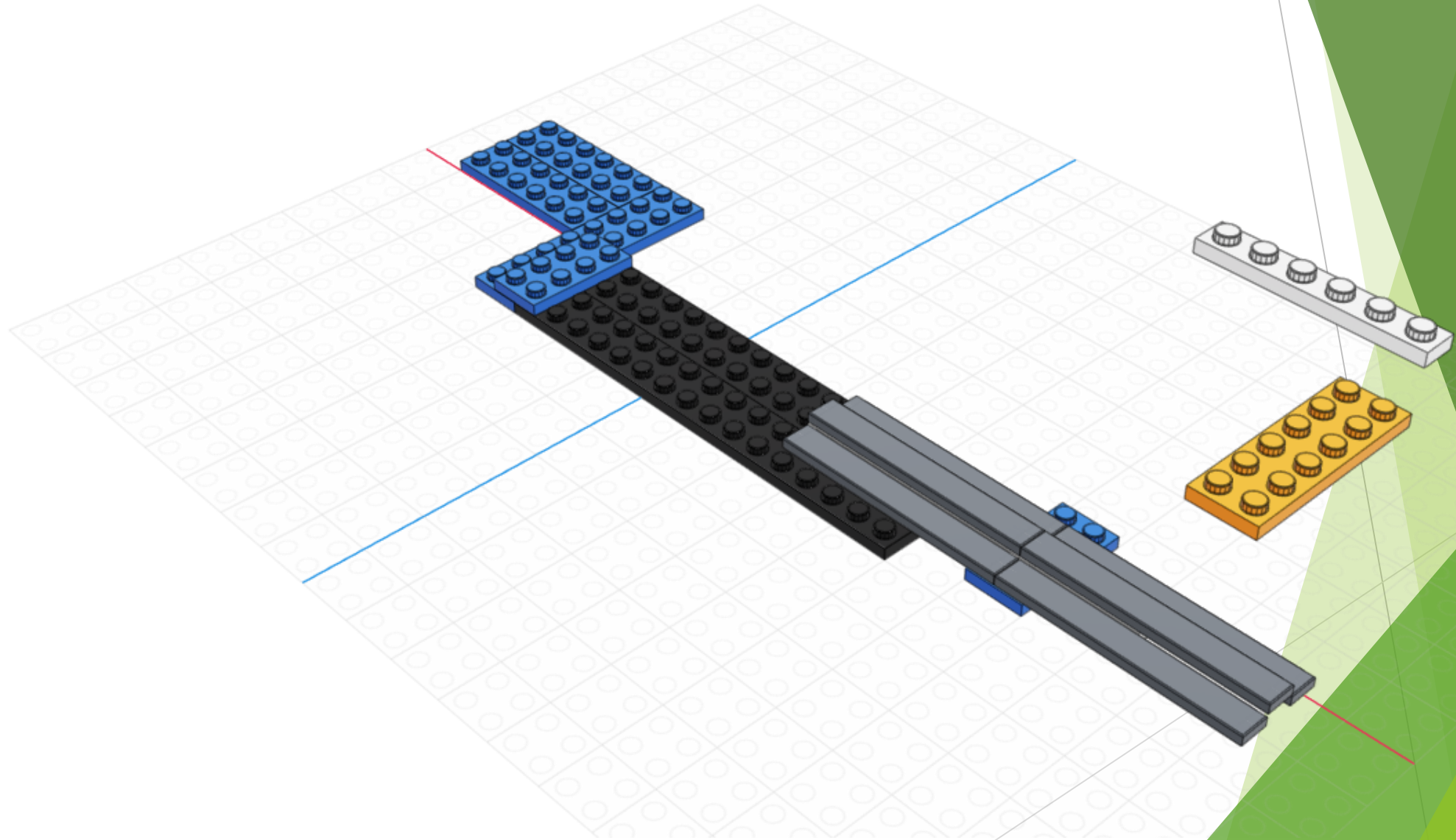
# Step 5



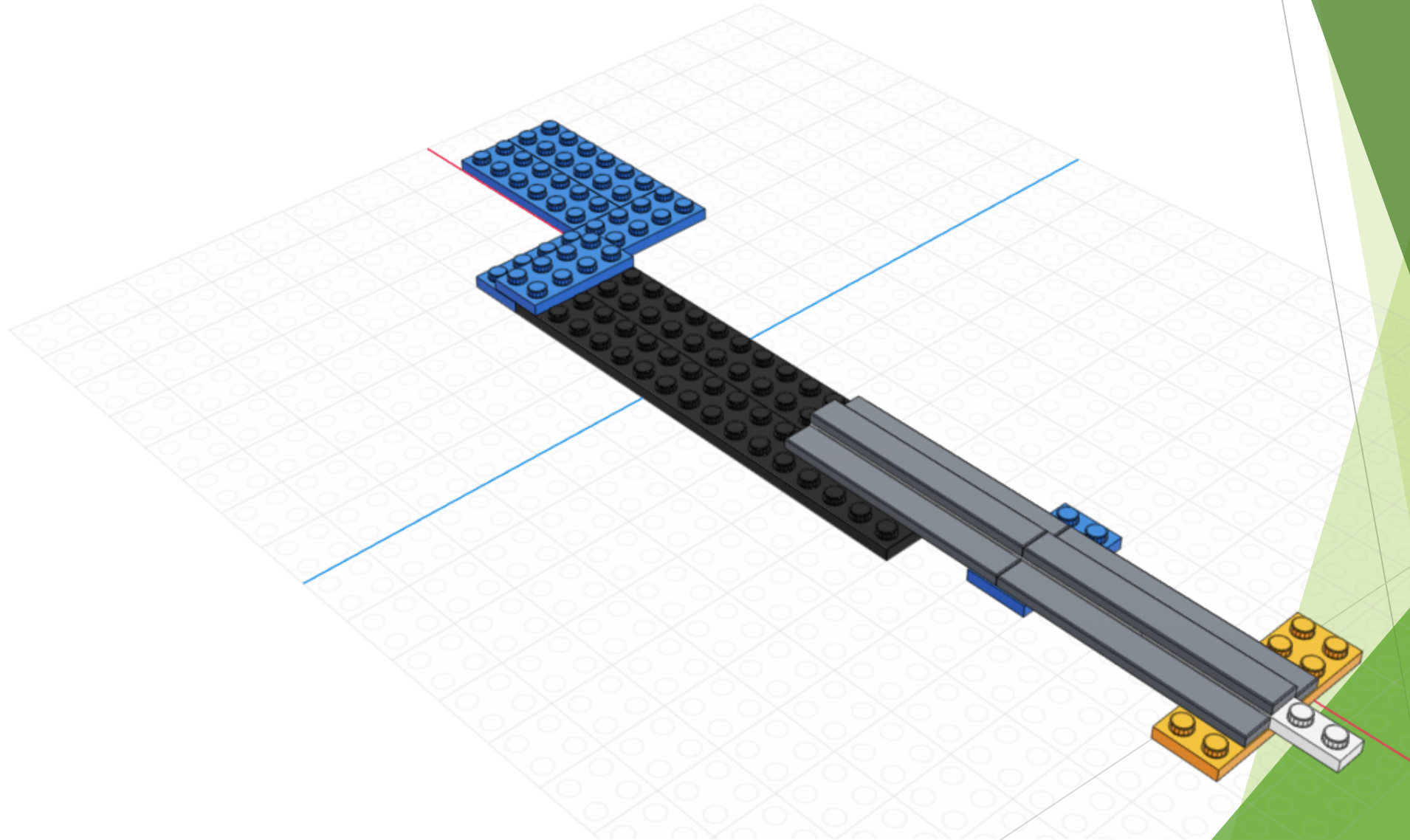
# Step 5



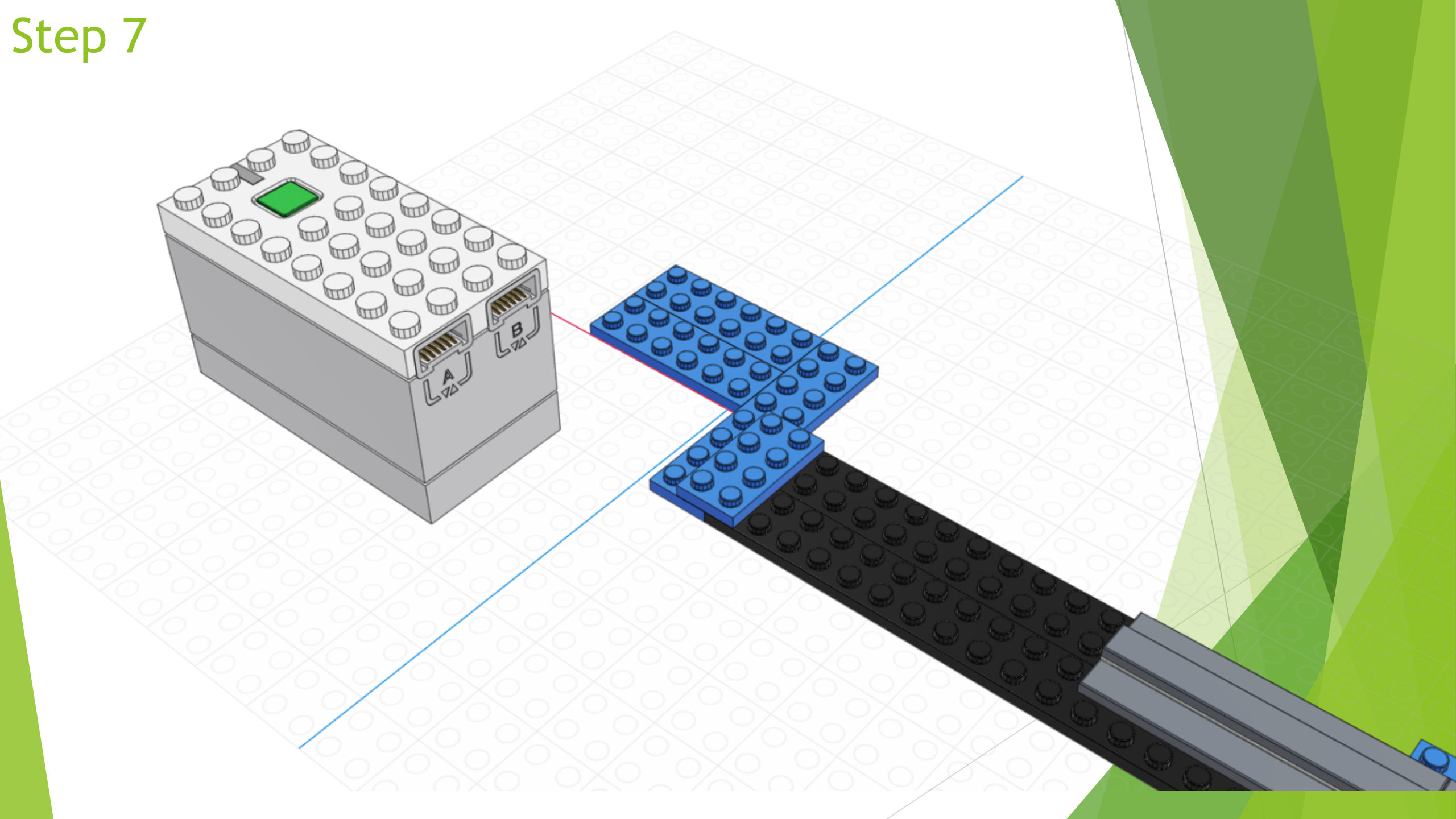
# Step 6



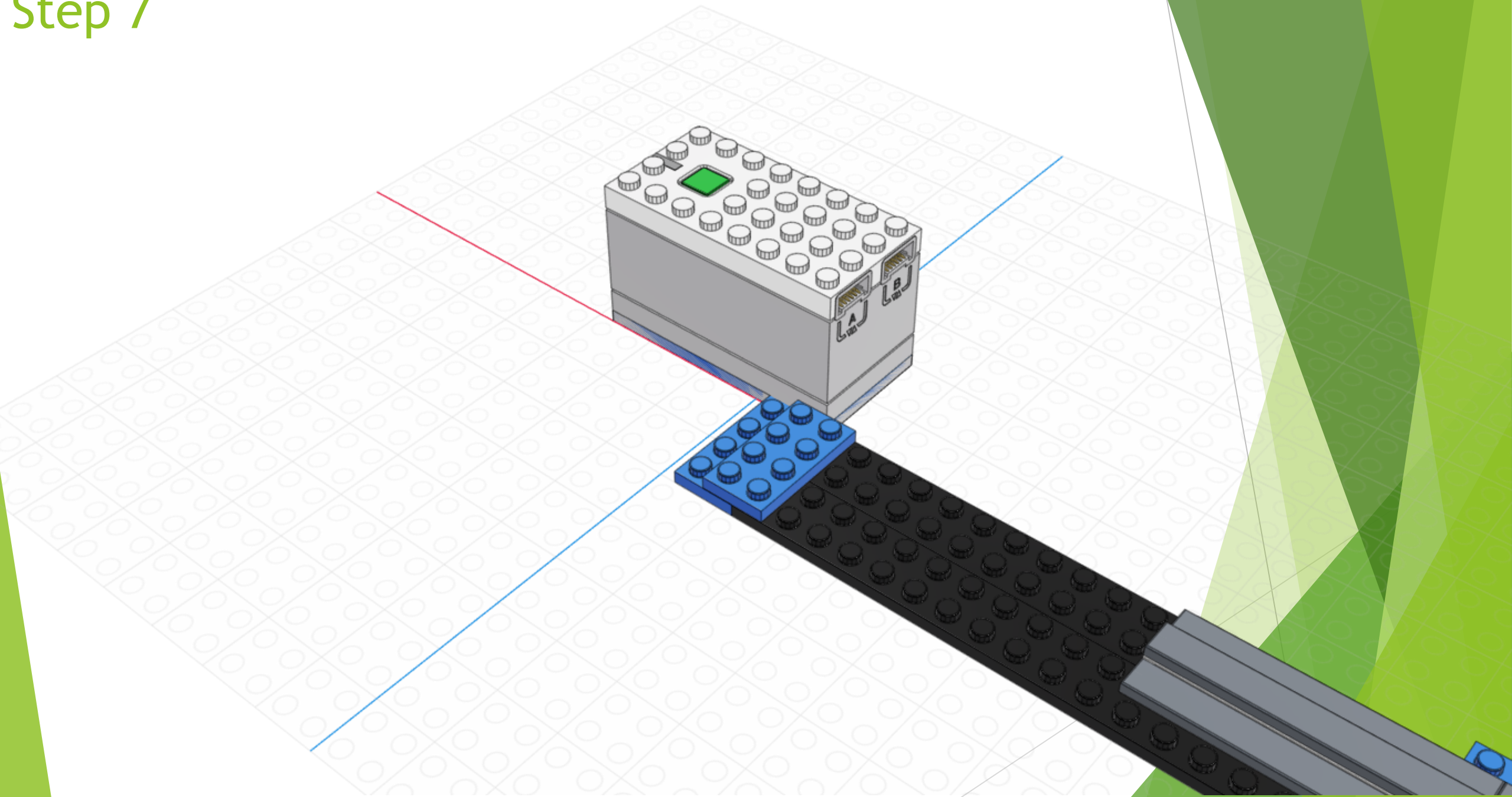
# Step 6



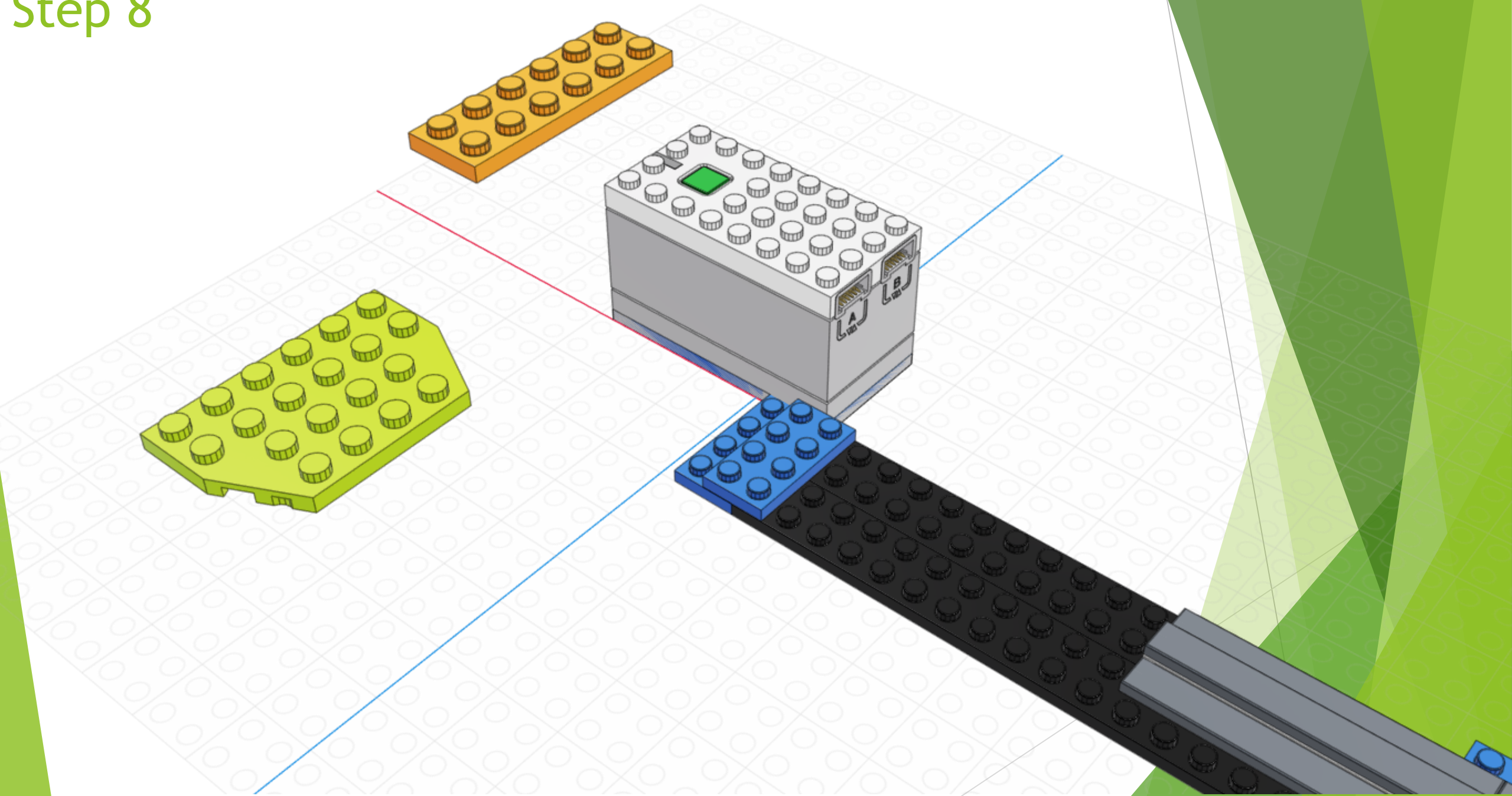
# Step 7



# Step 7

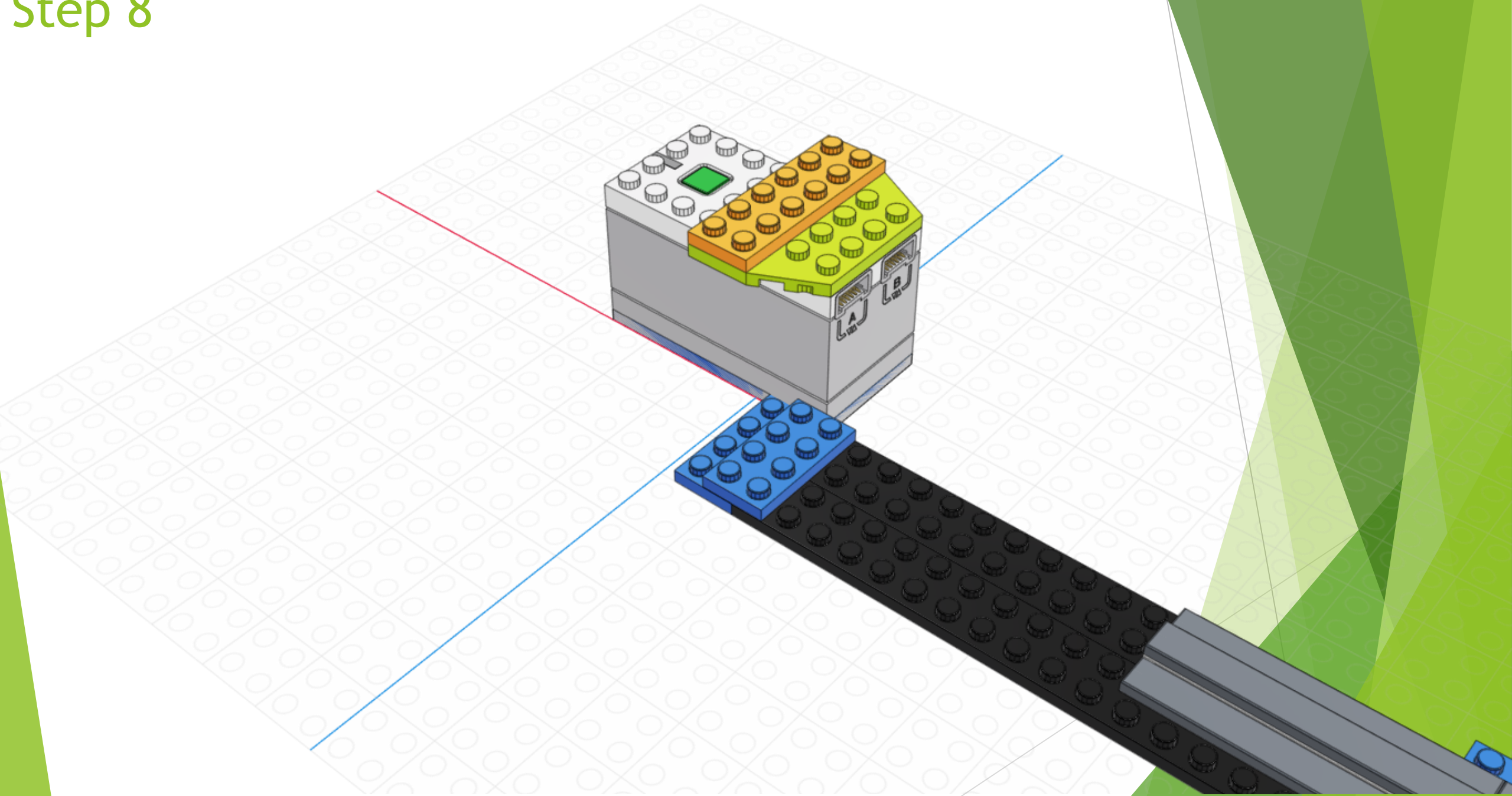


# Step 8

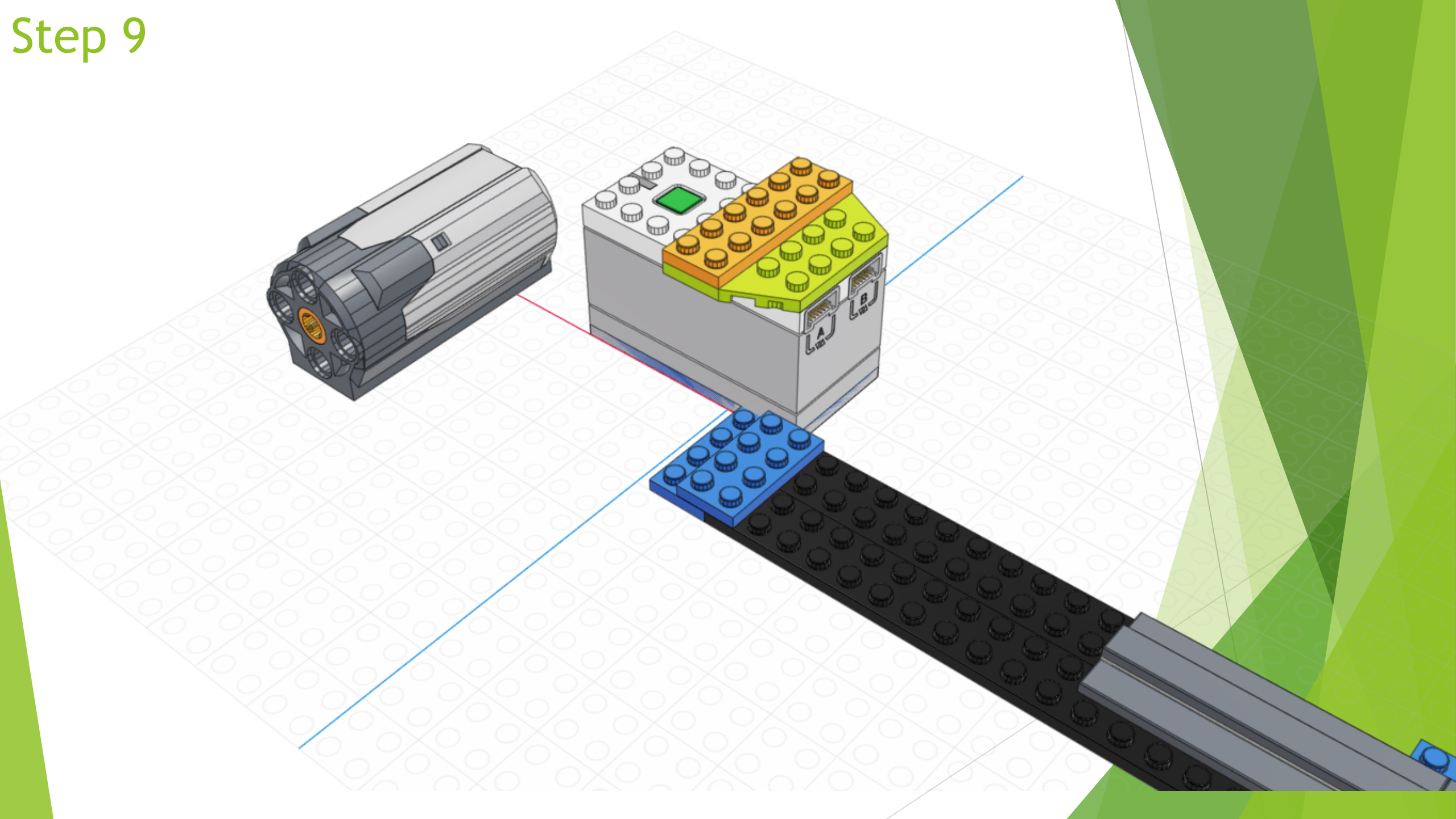




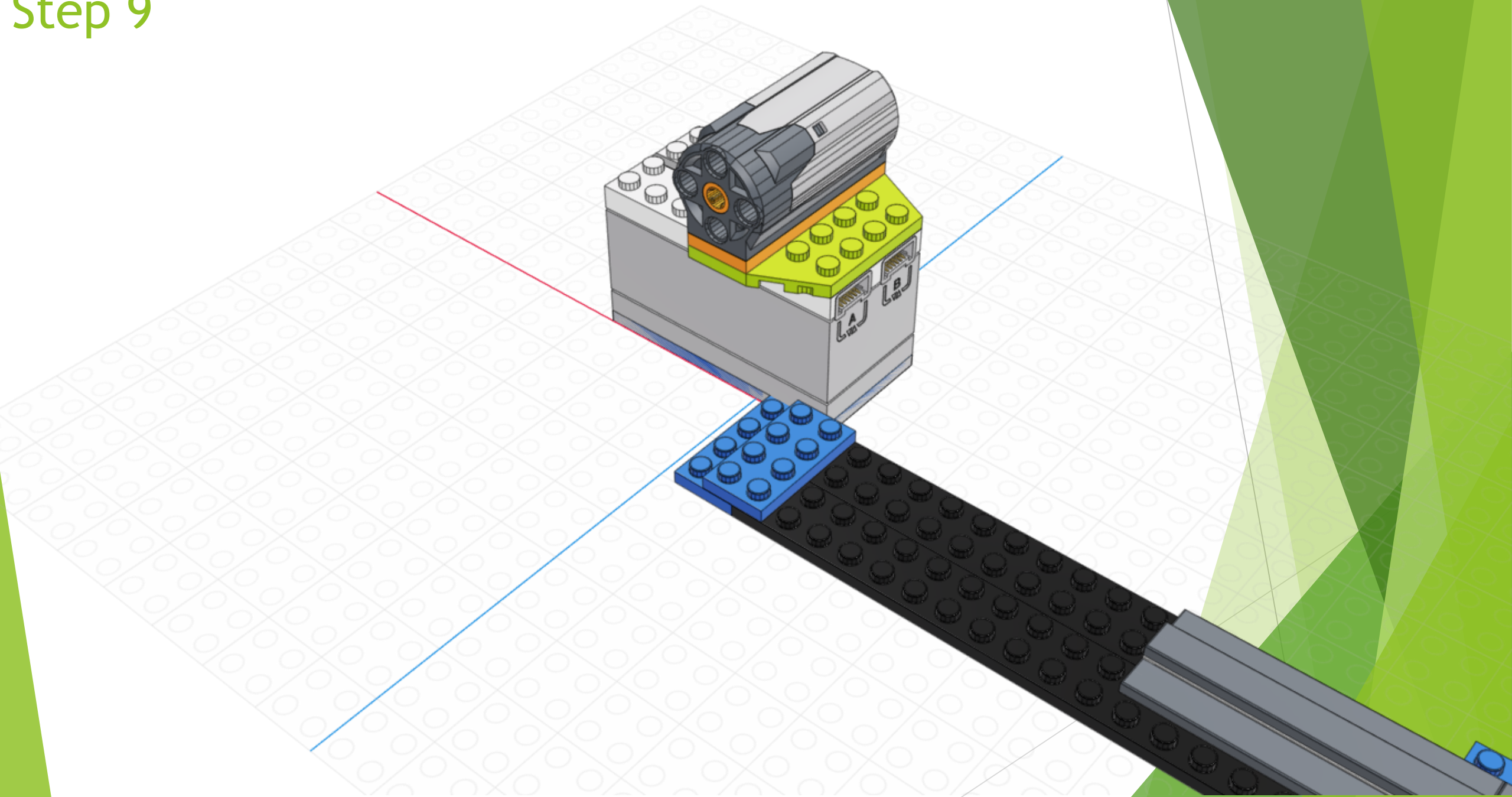
# Step 8



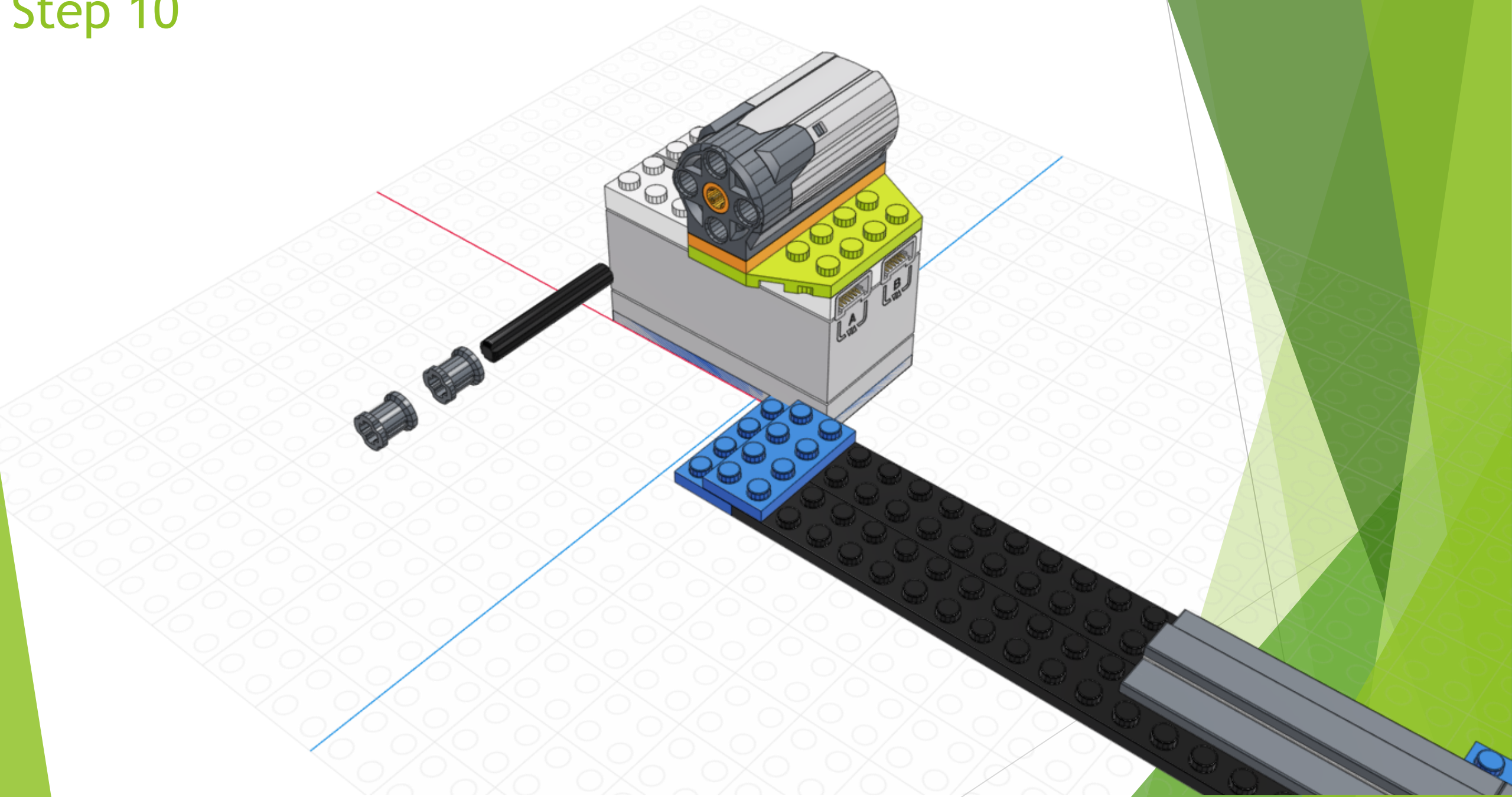
# Step 9



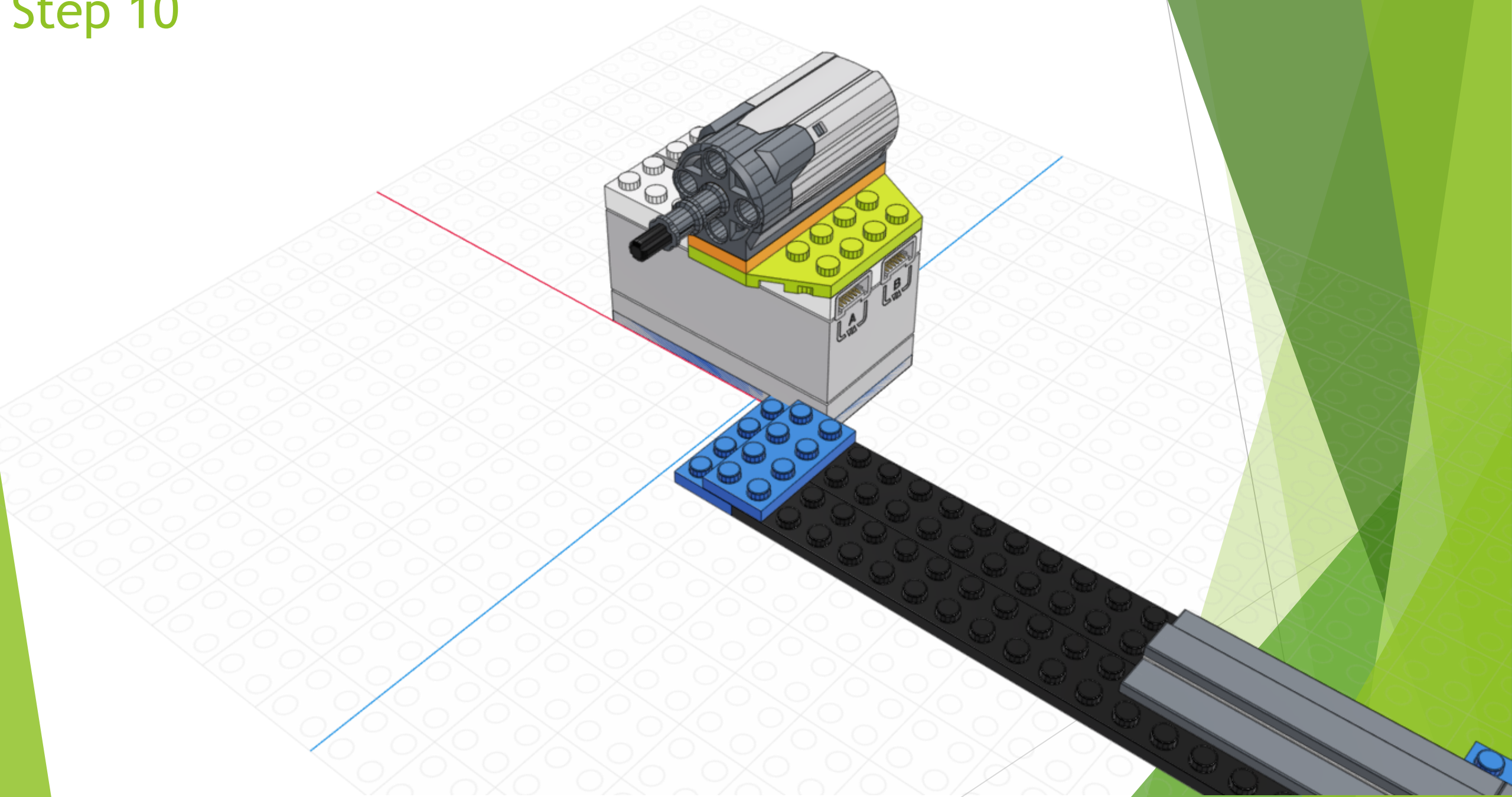
# Step 9



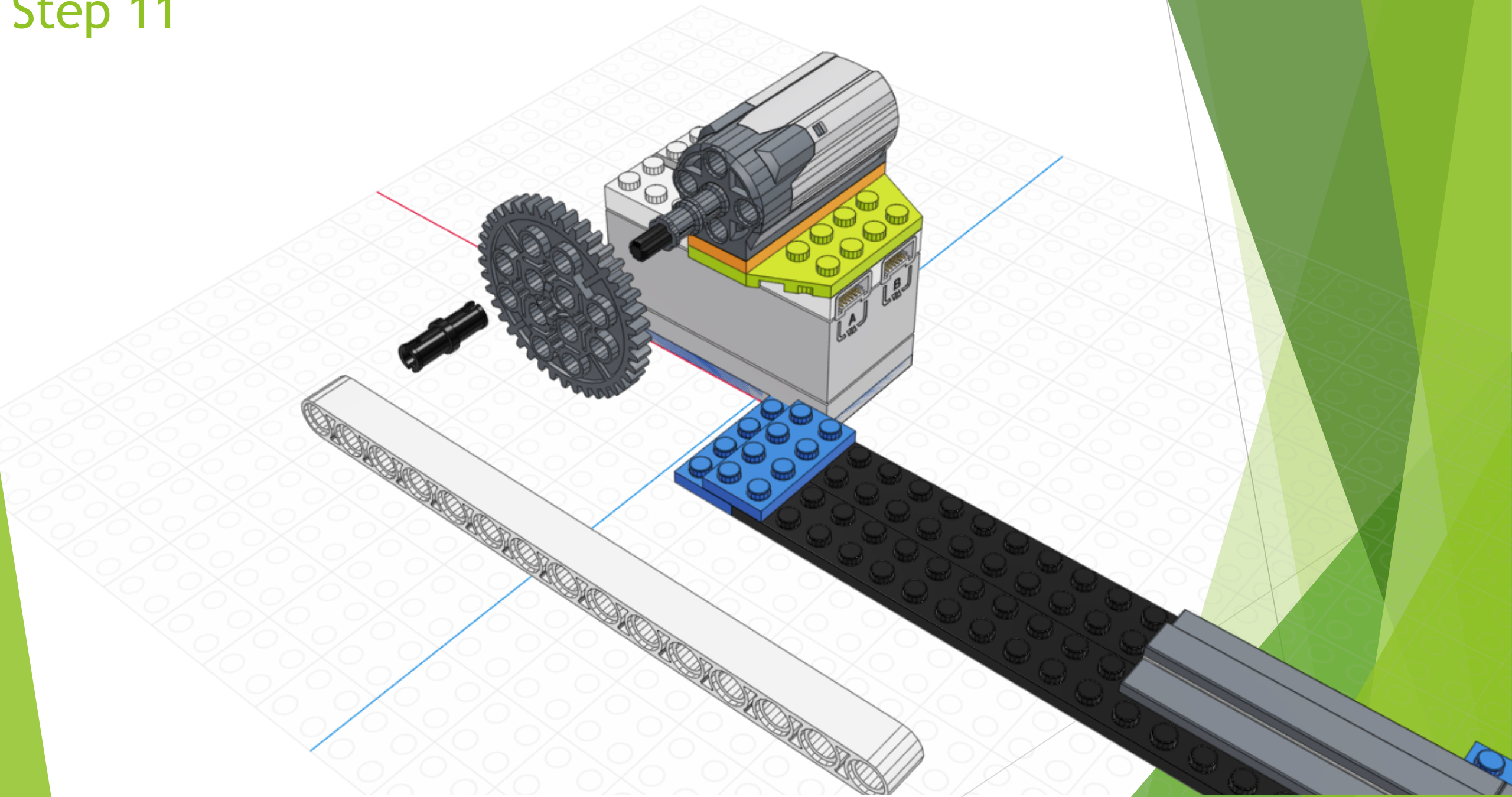
# Step 10



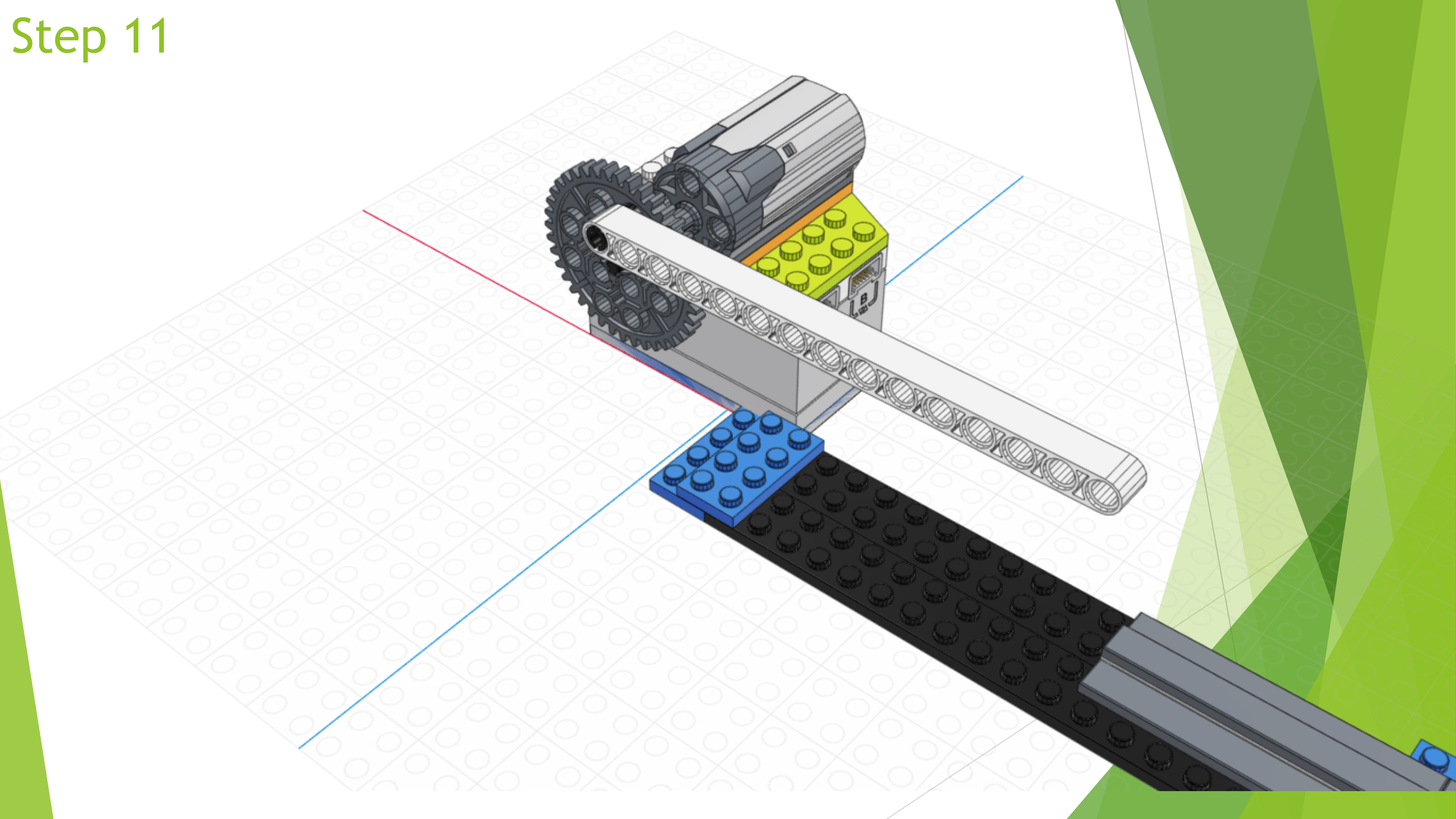
# Step 10



# Step 11



# Step 11



# PART II

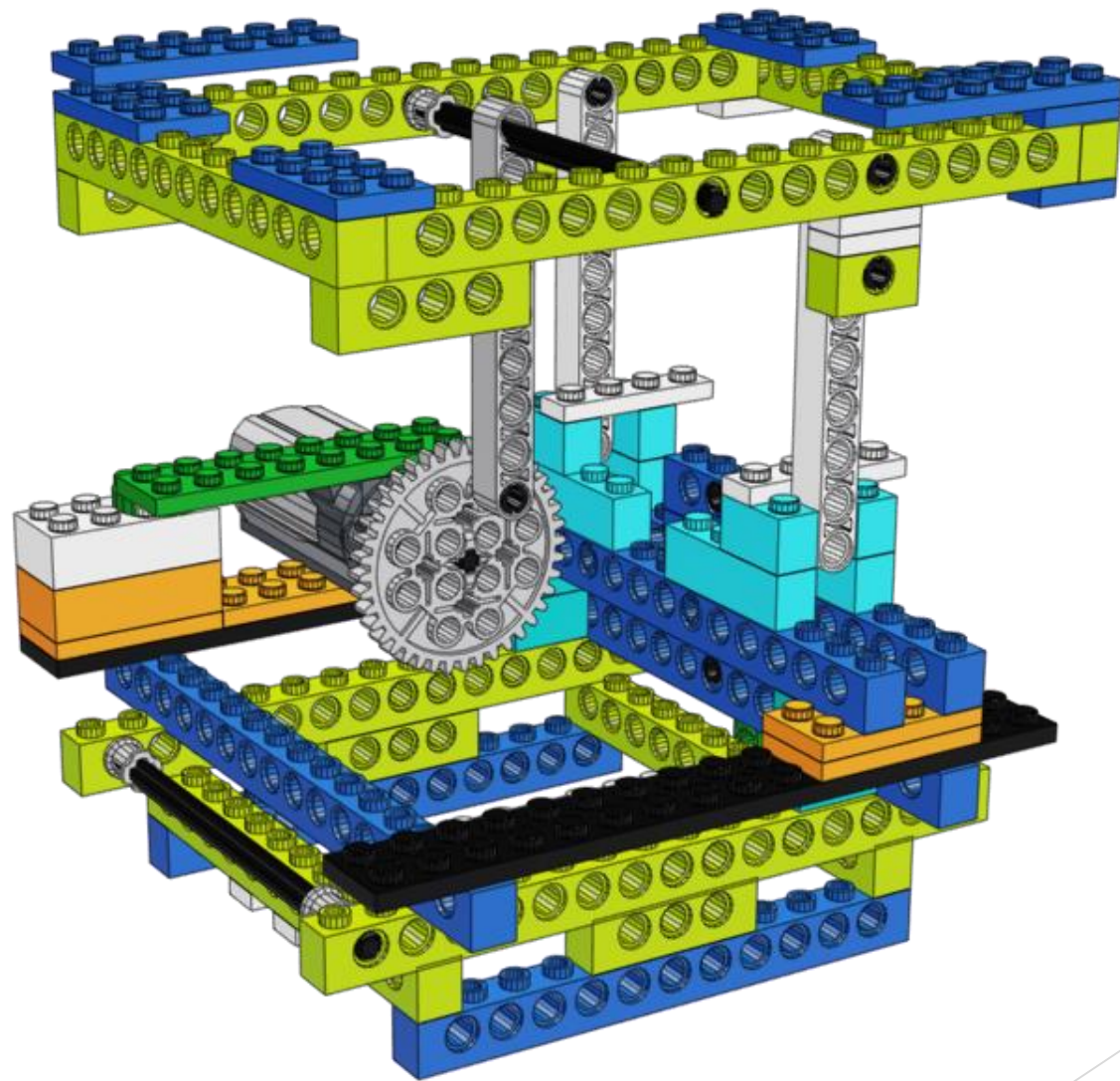
\*若學生只測試一  
軸向的震動台，請  
按照第三部分的首  
五個步驟來製作測  
試平台。



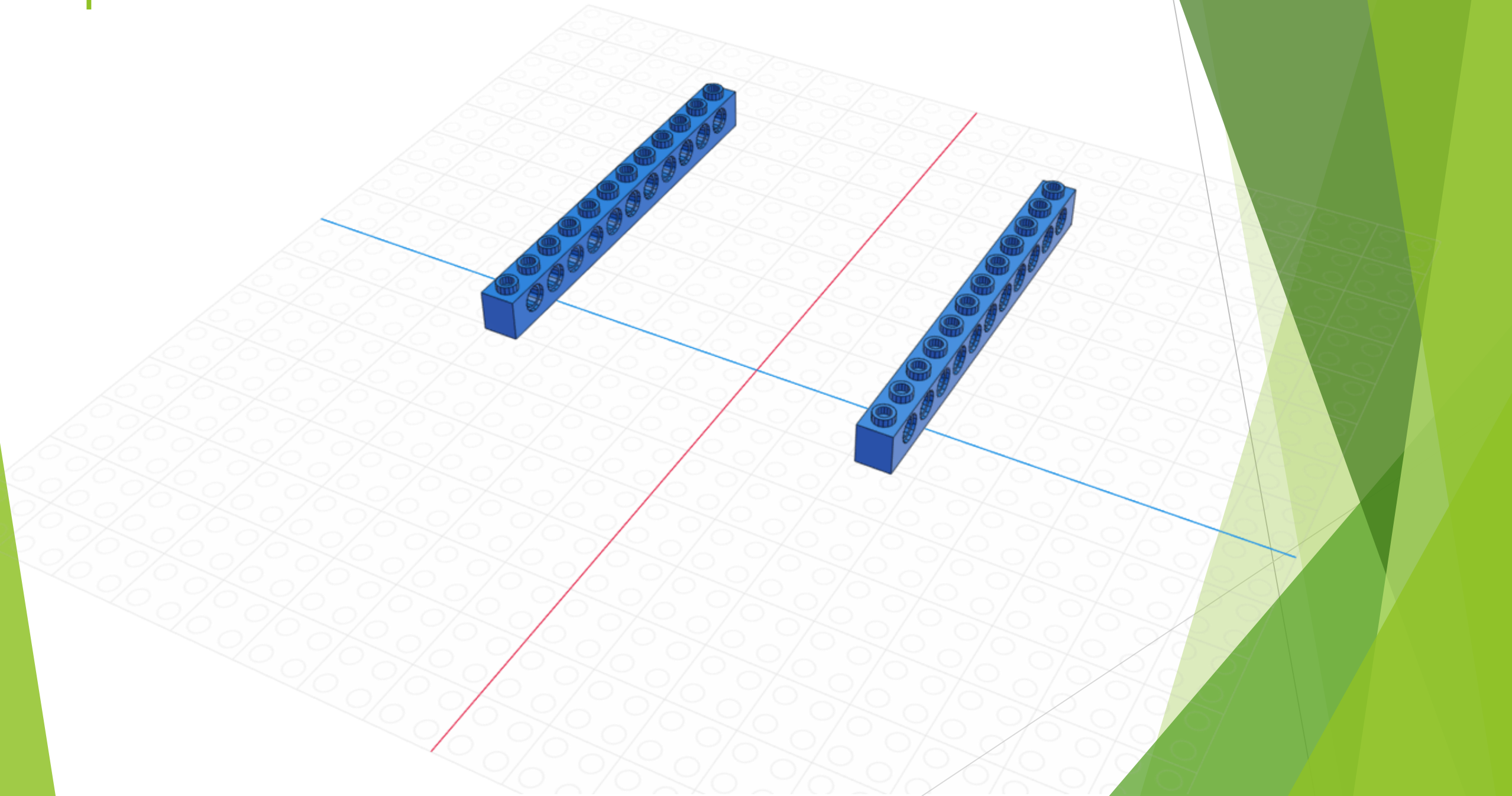


# 第三部分

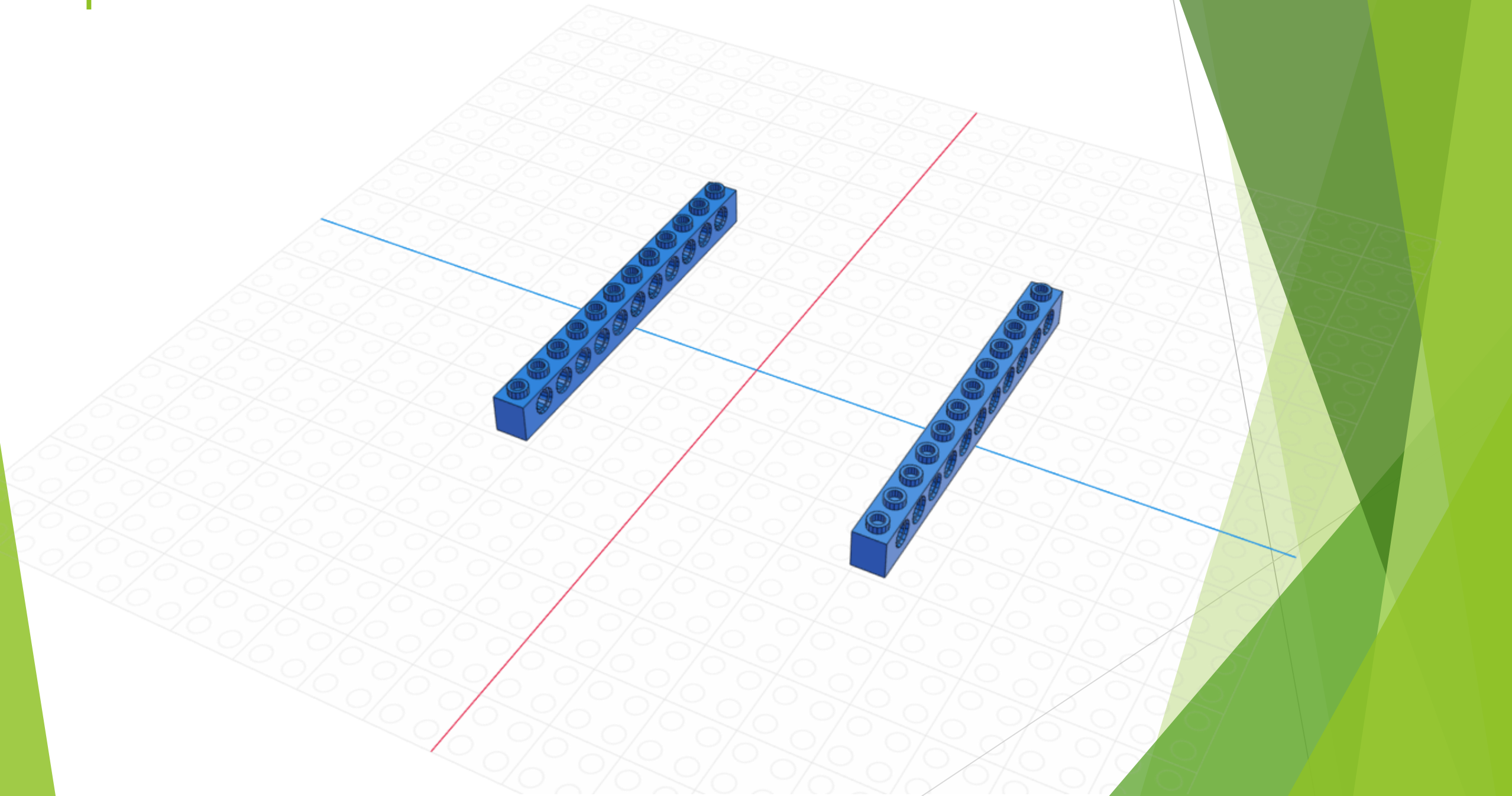
垂直震動台部分



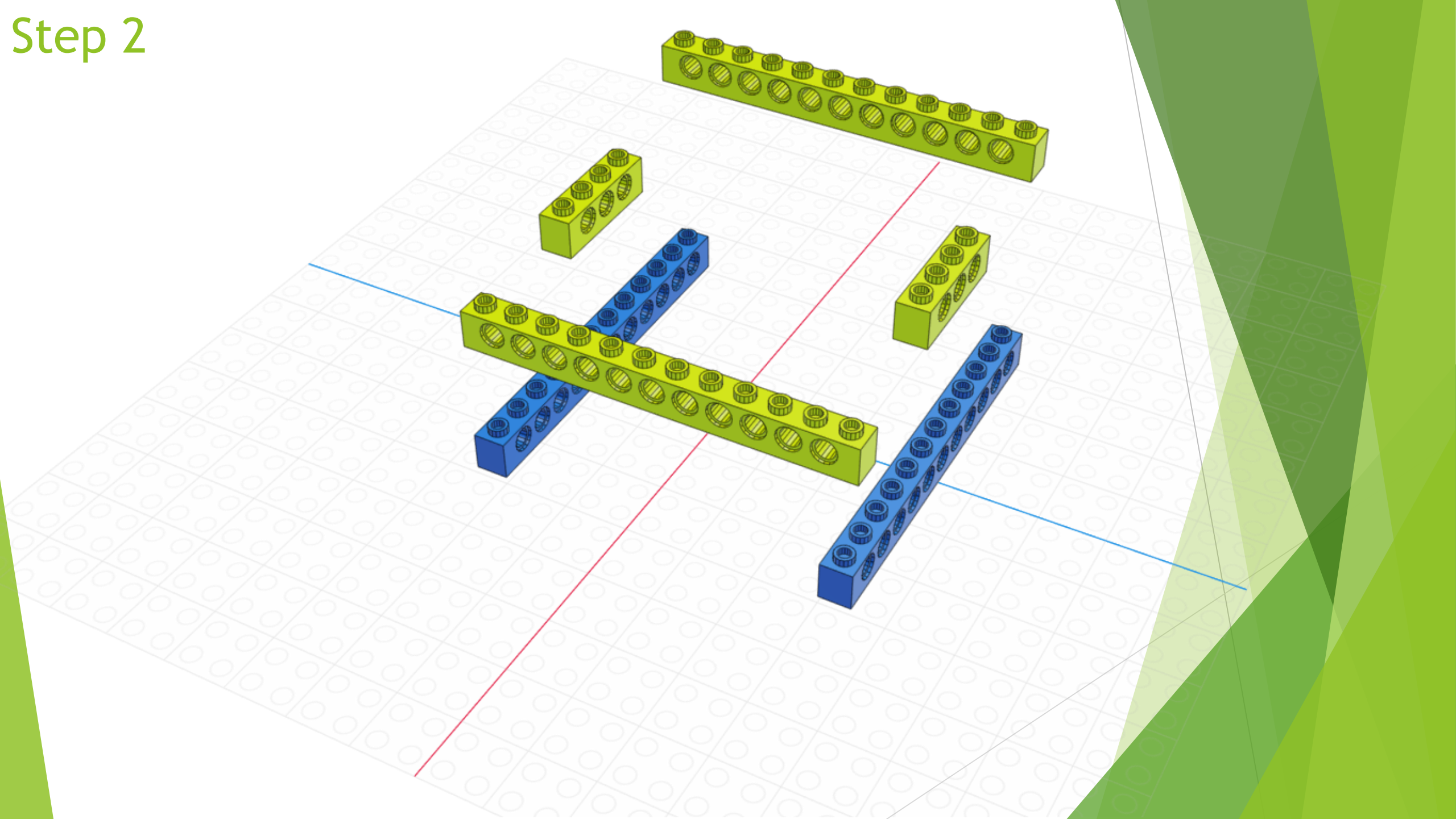
# Step 1



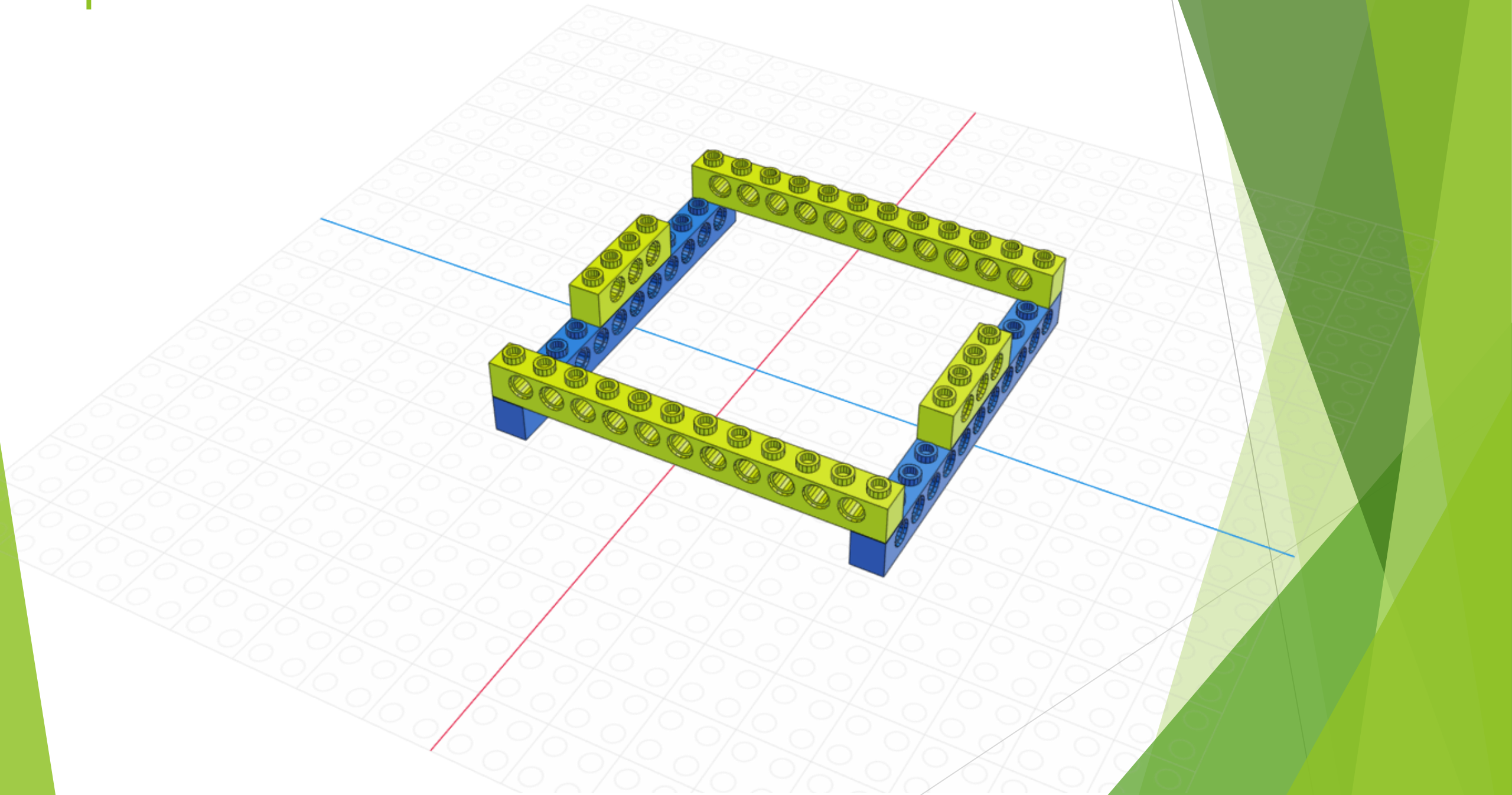
# Step 1



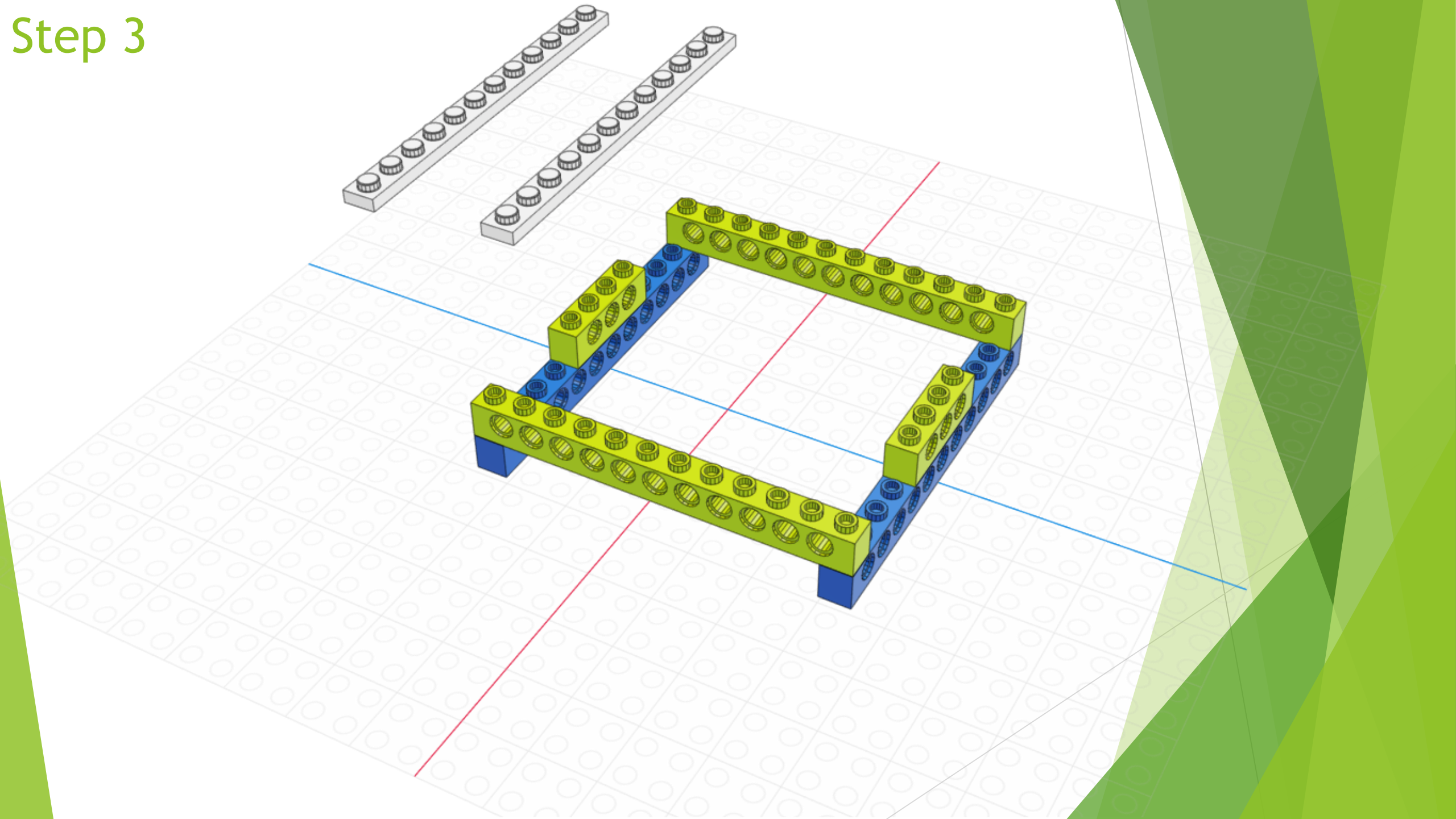
# Step 2



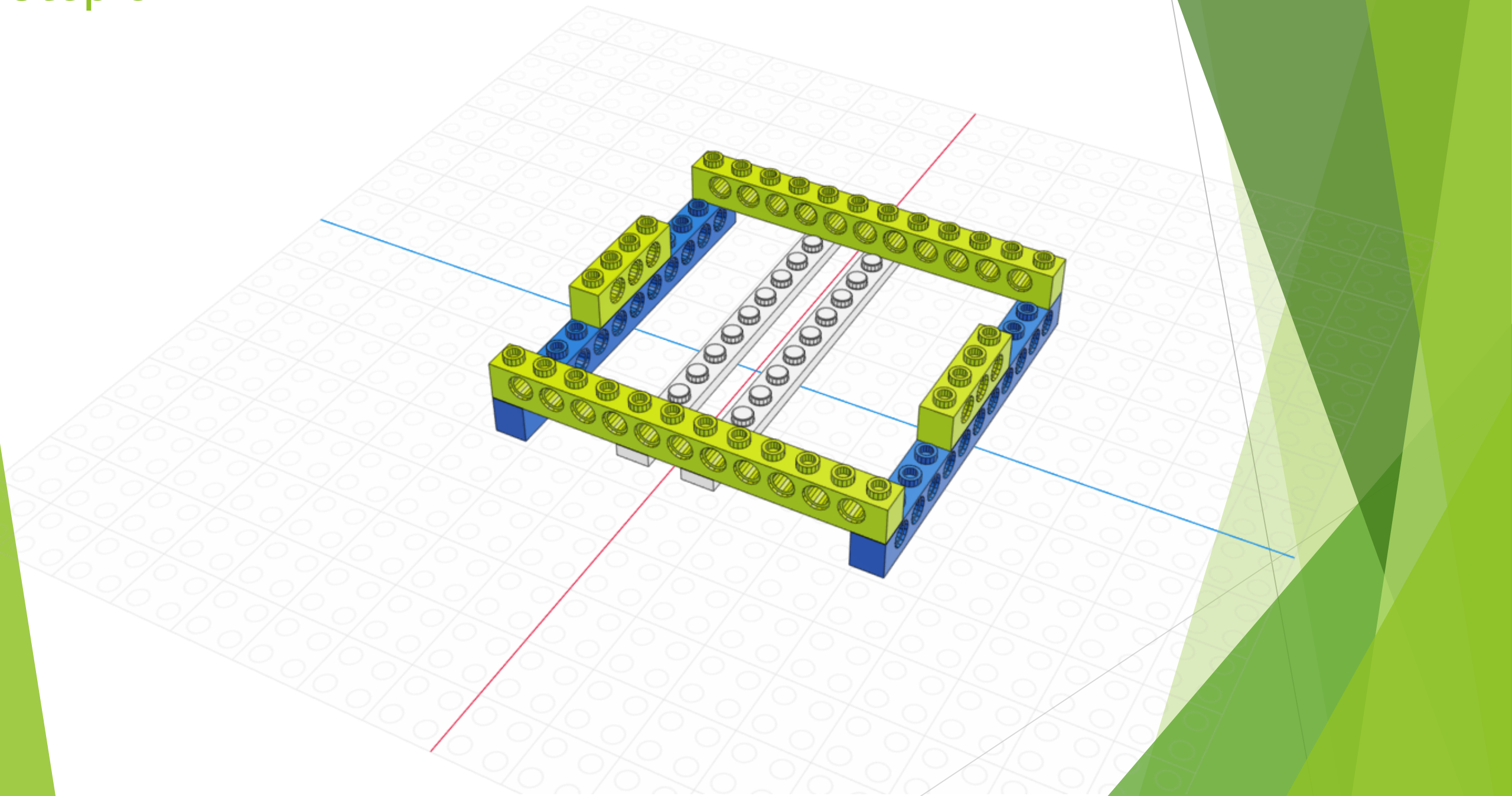
# Step 2



# Step 3

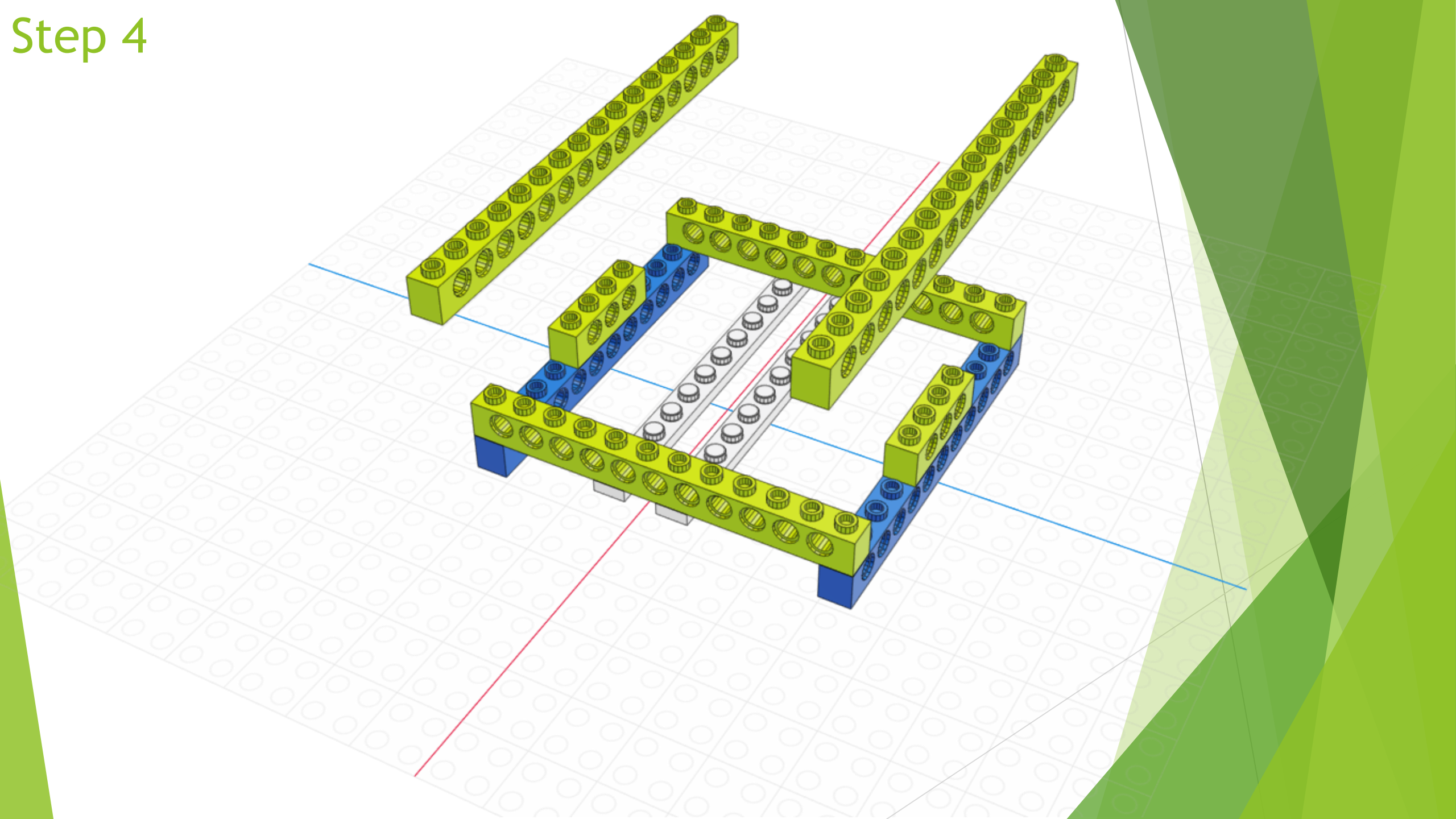


# Step 3

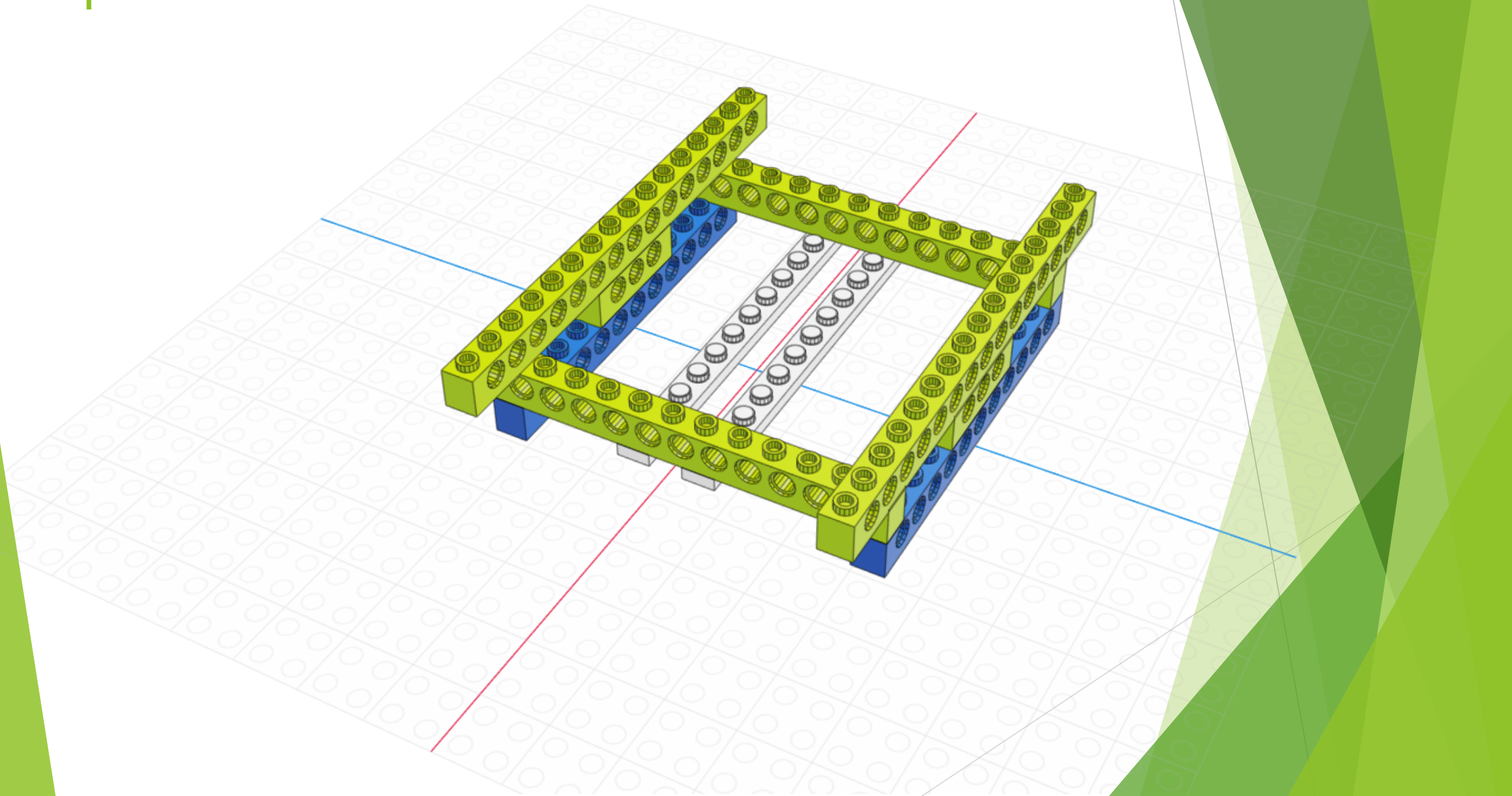




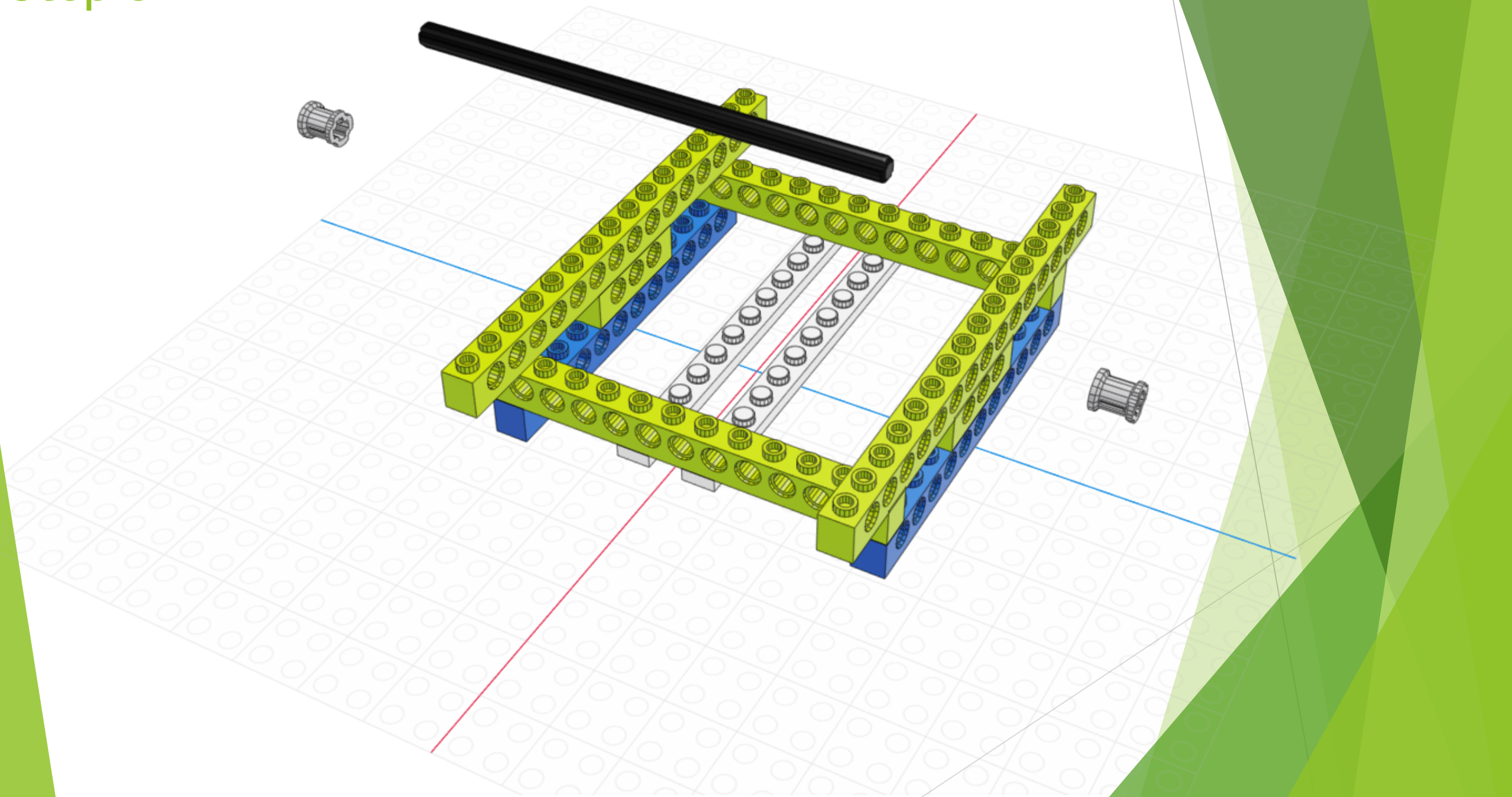
# Step 4



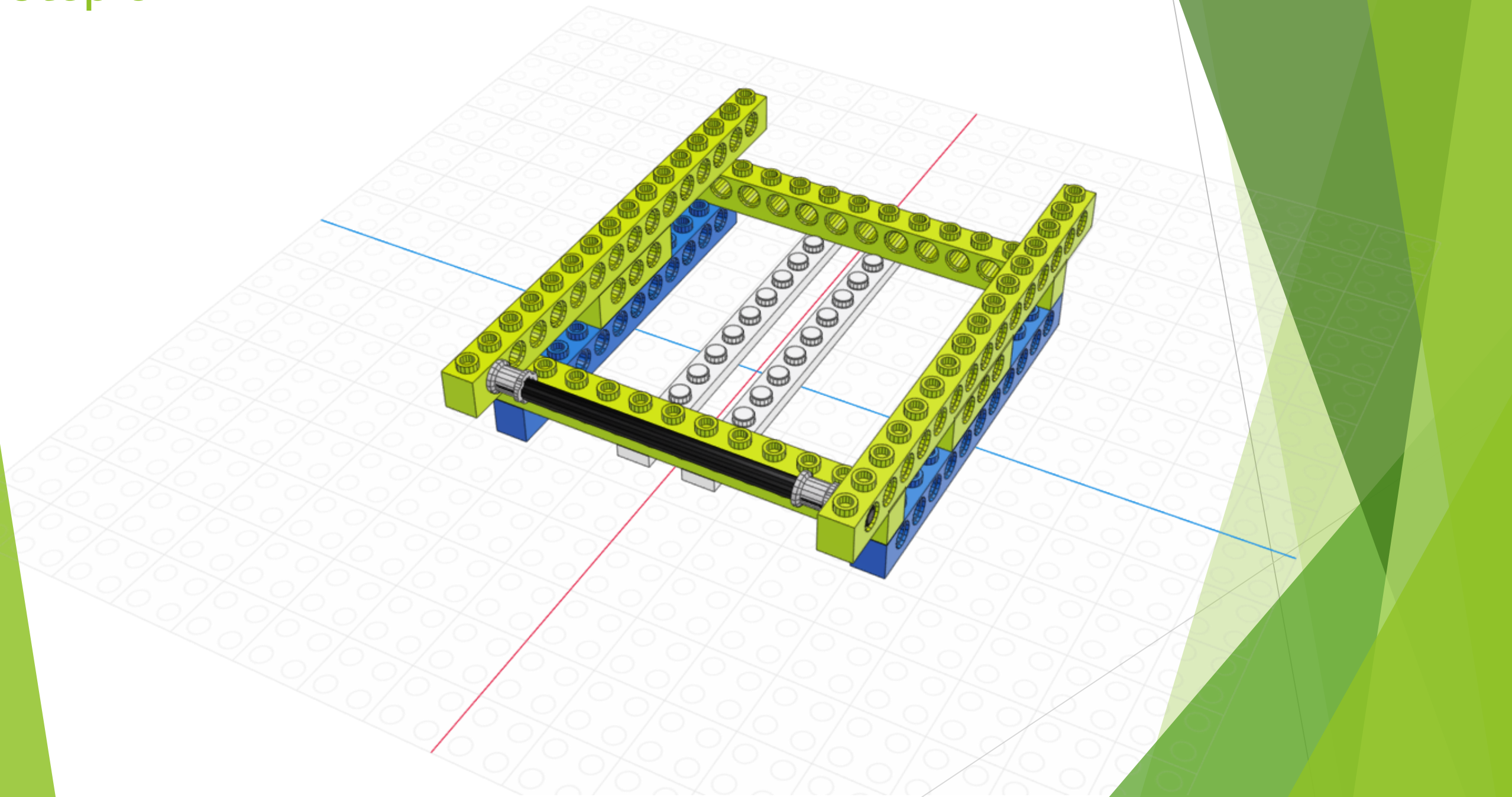
# Step 4



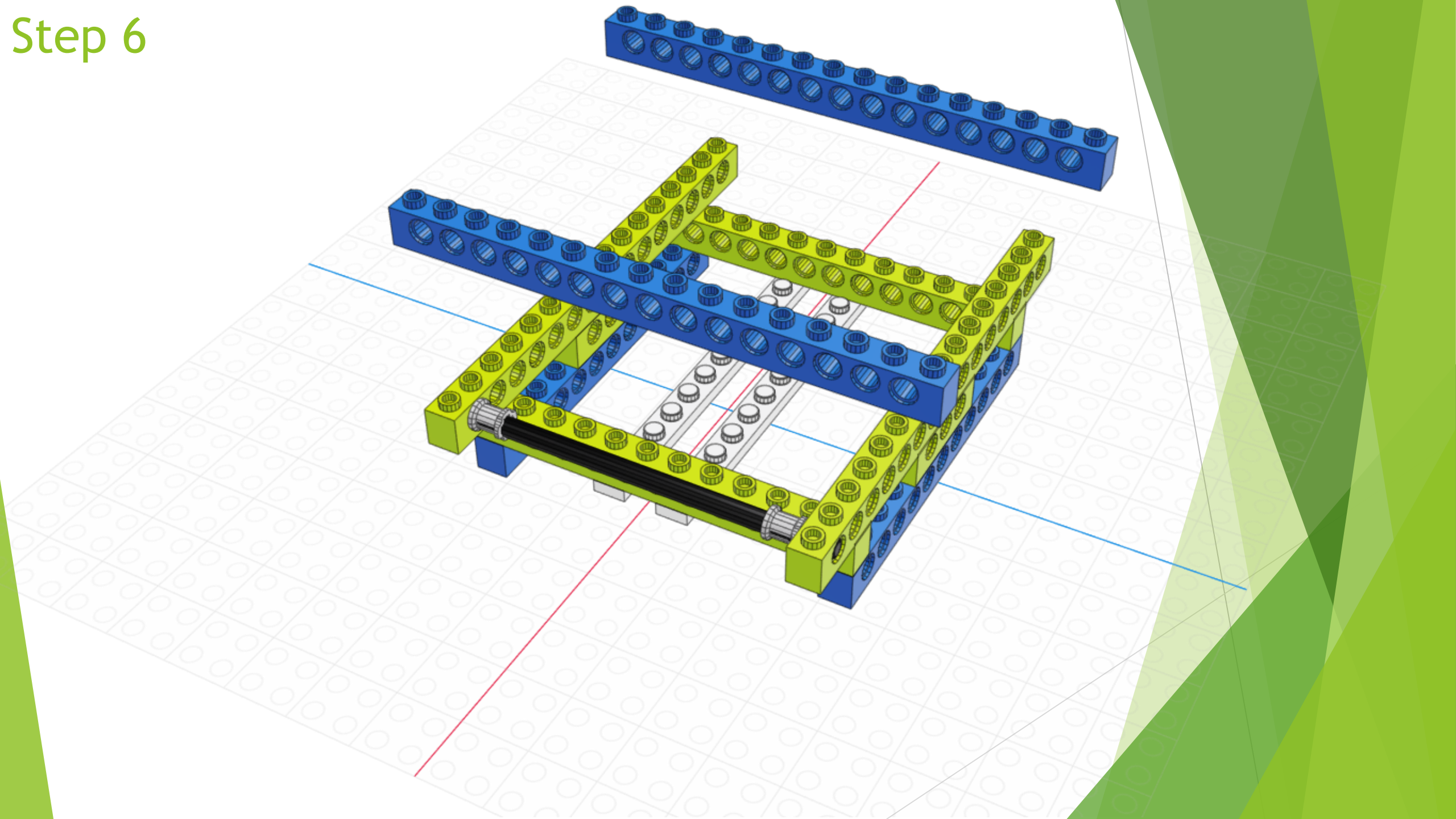
# Step 5



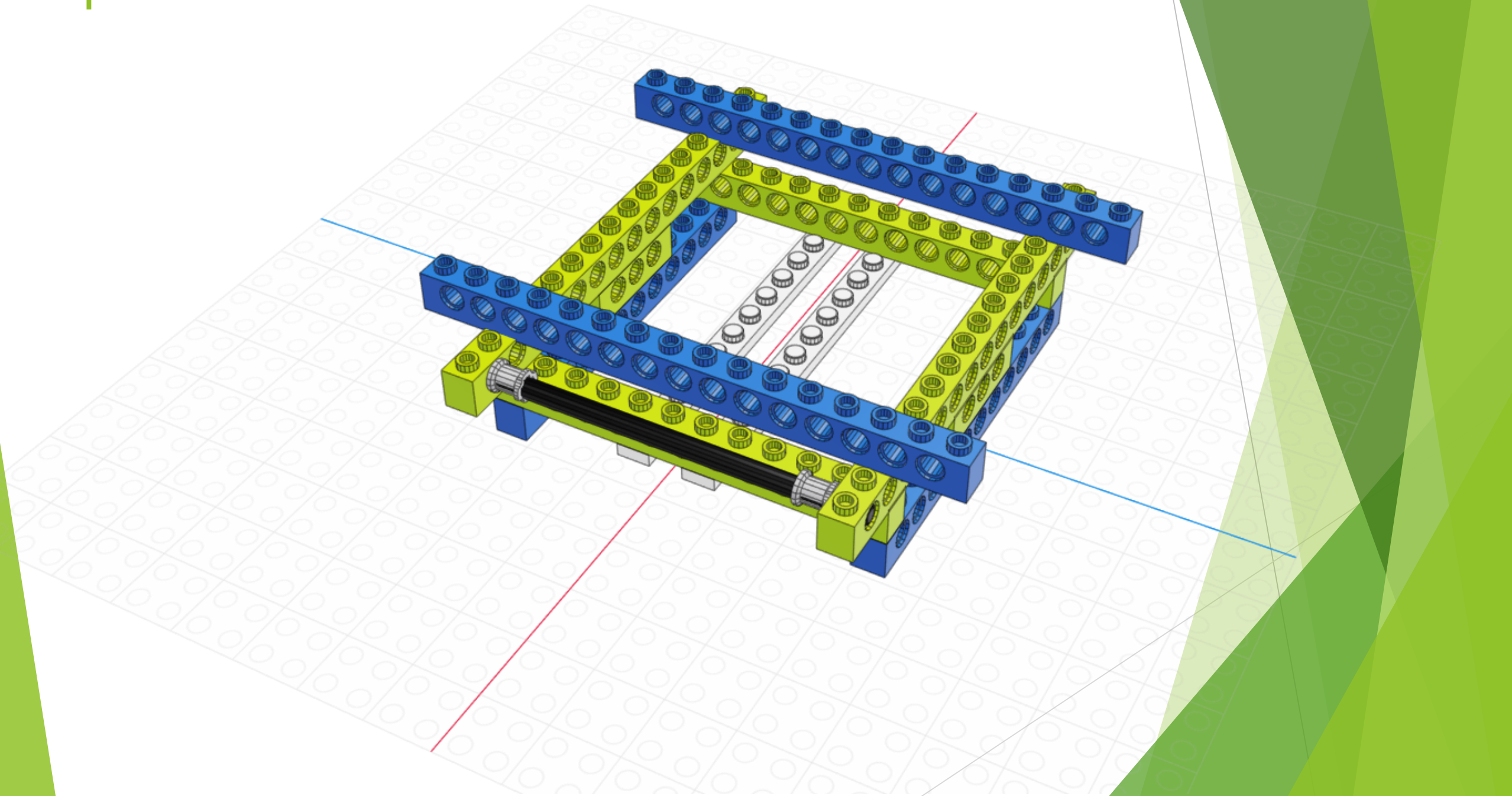
# Step 5



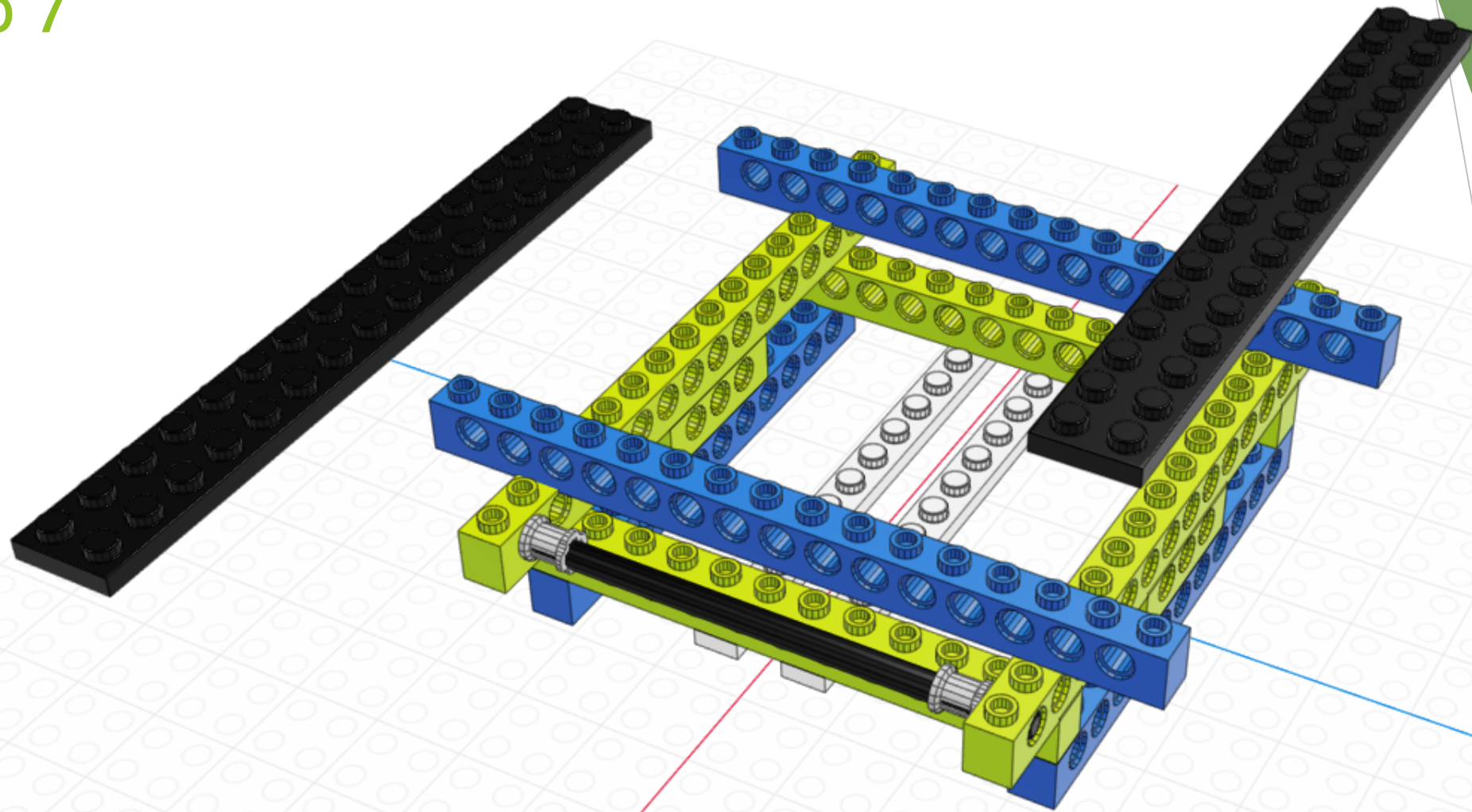
# Step 6



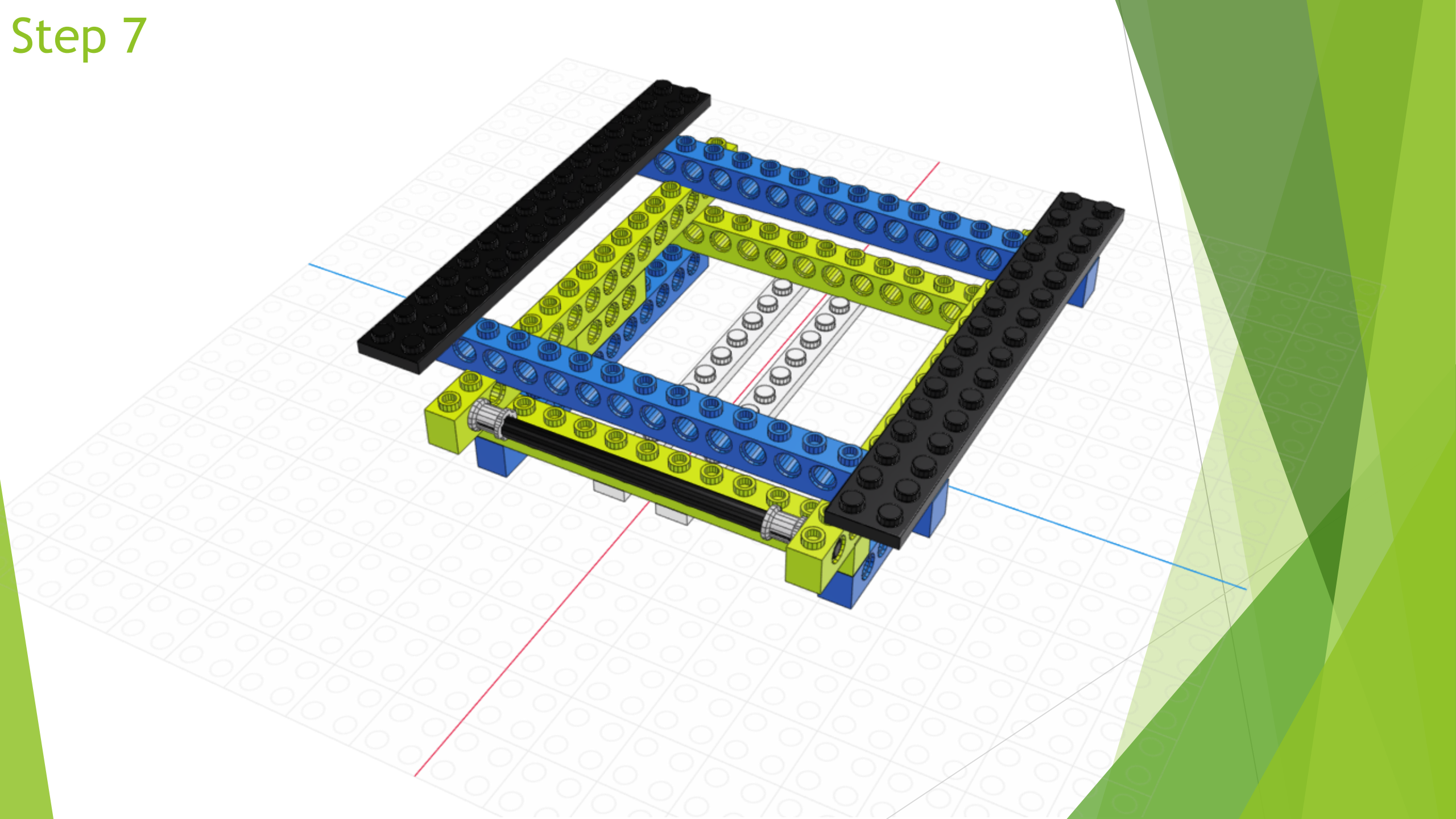
# Step 6



# Step 7

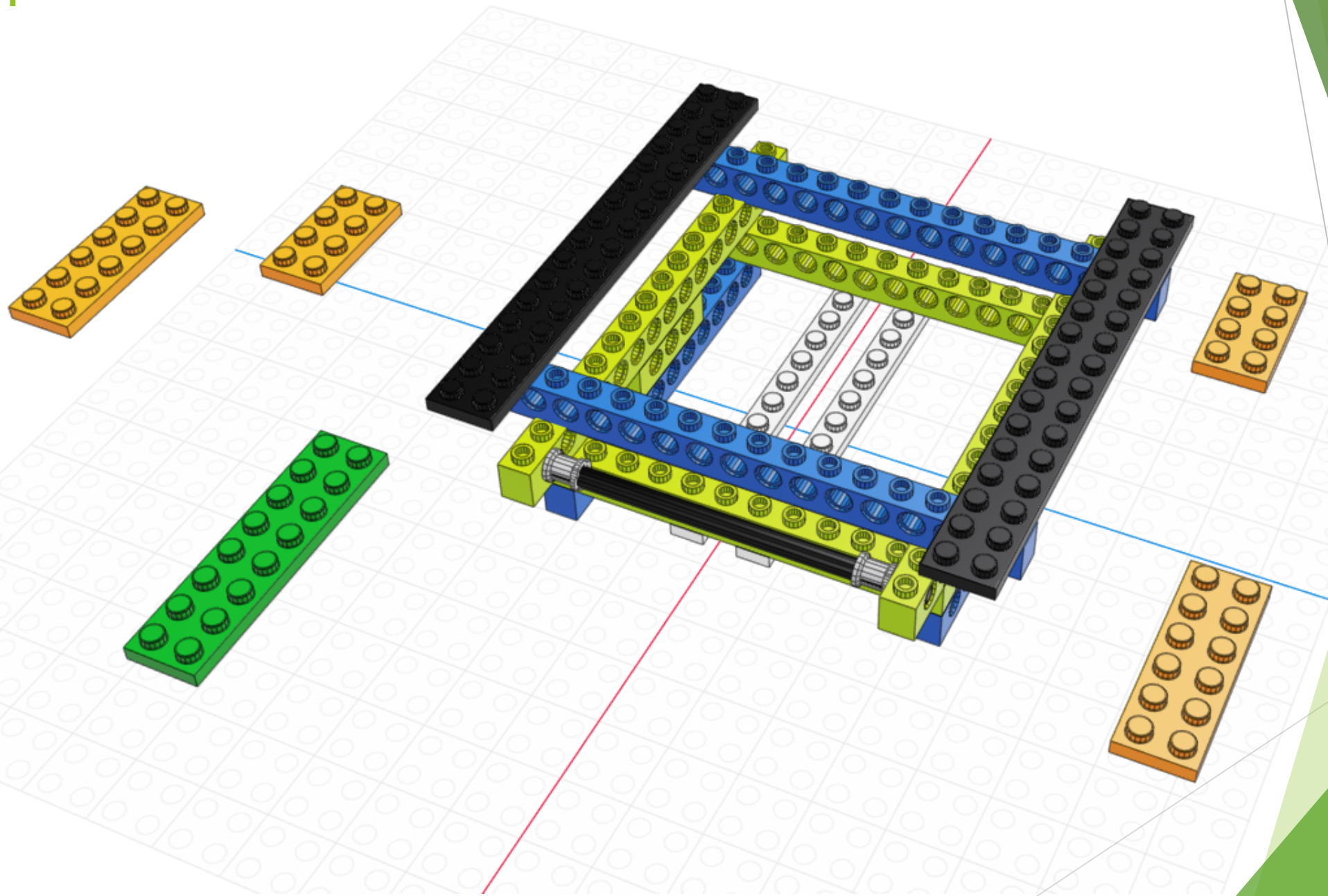


# Step 7

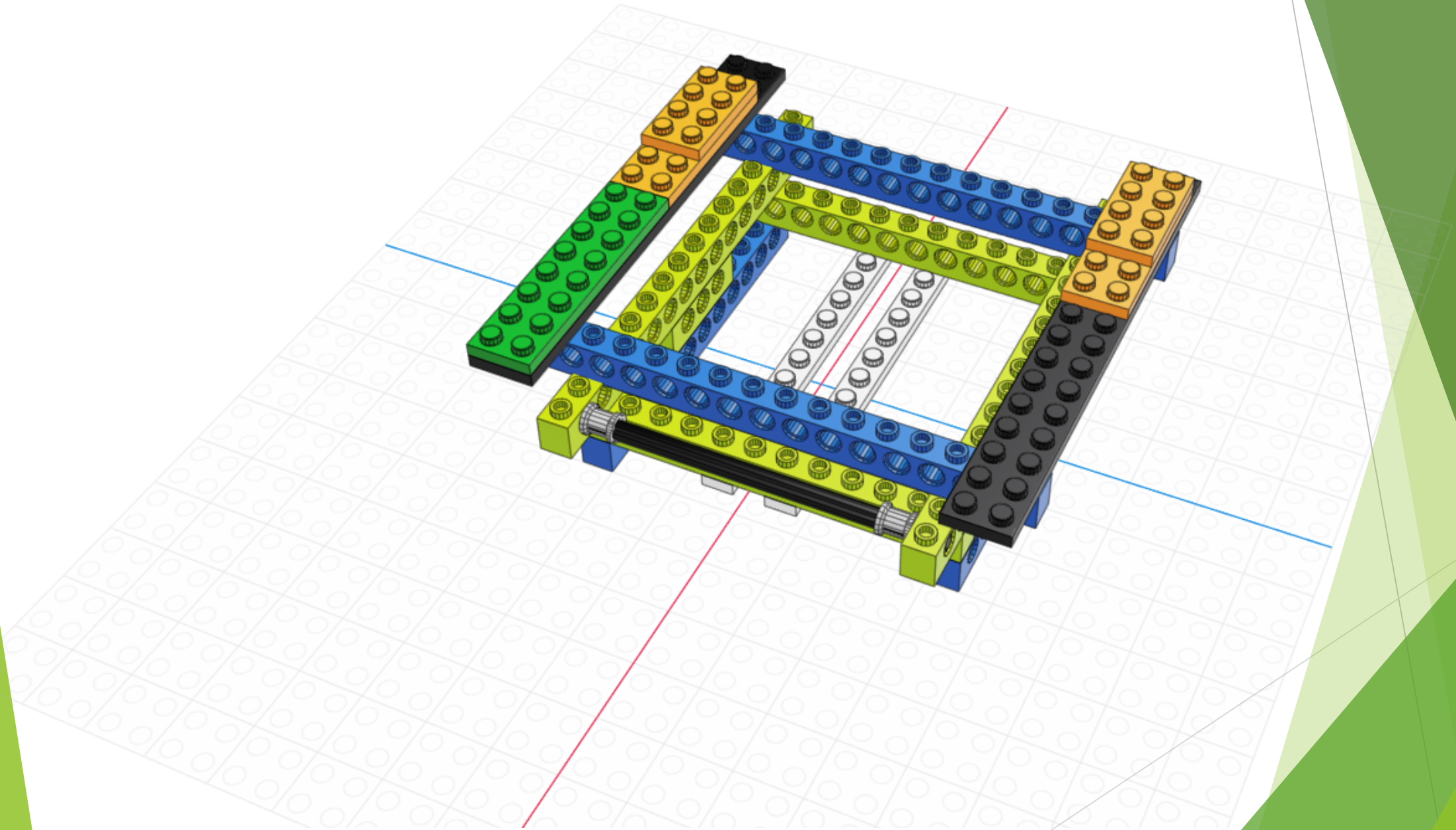




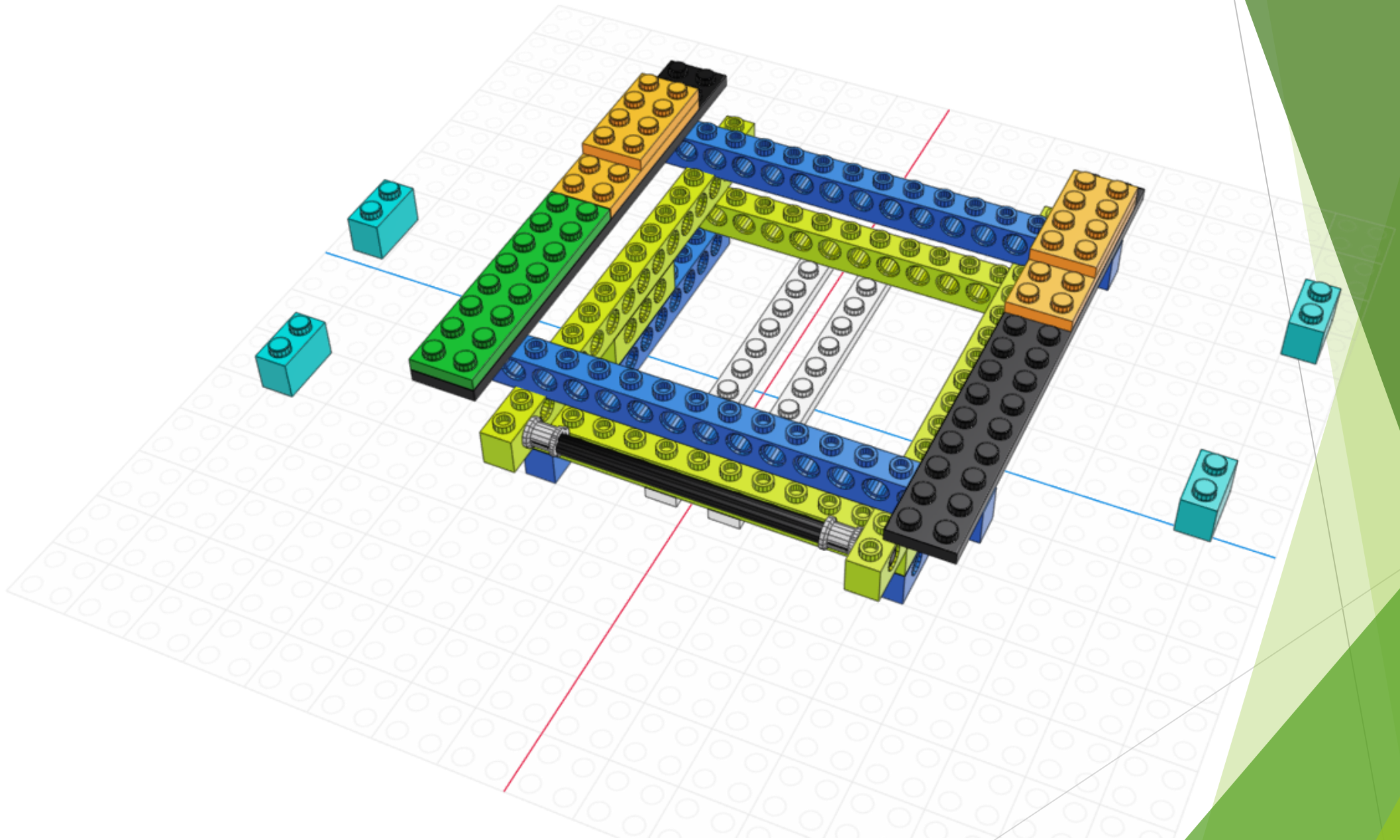
# Step 8



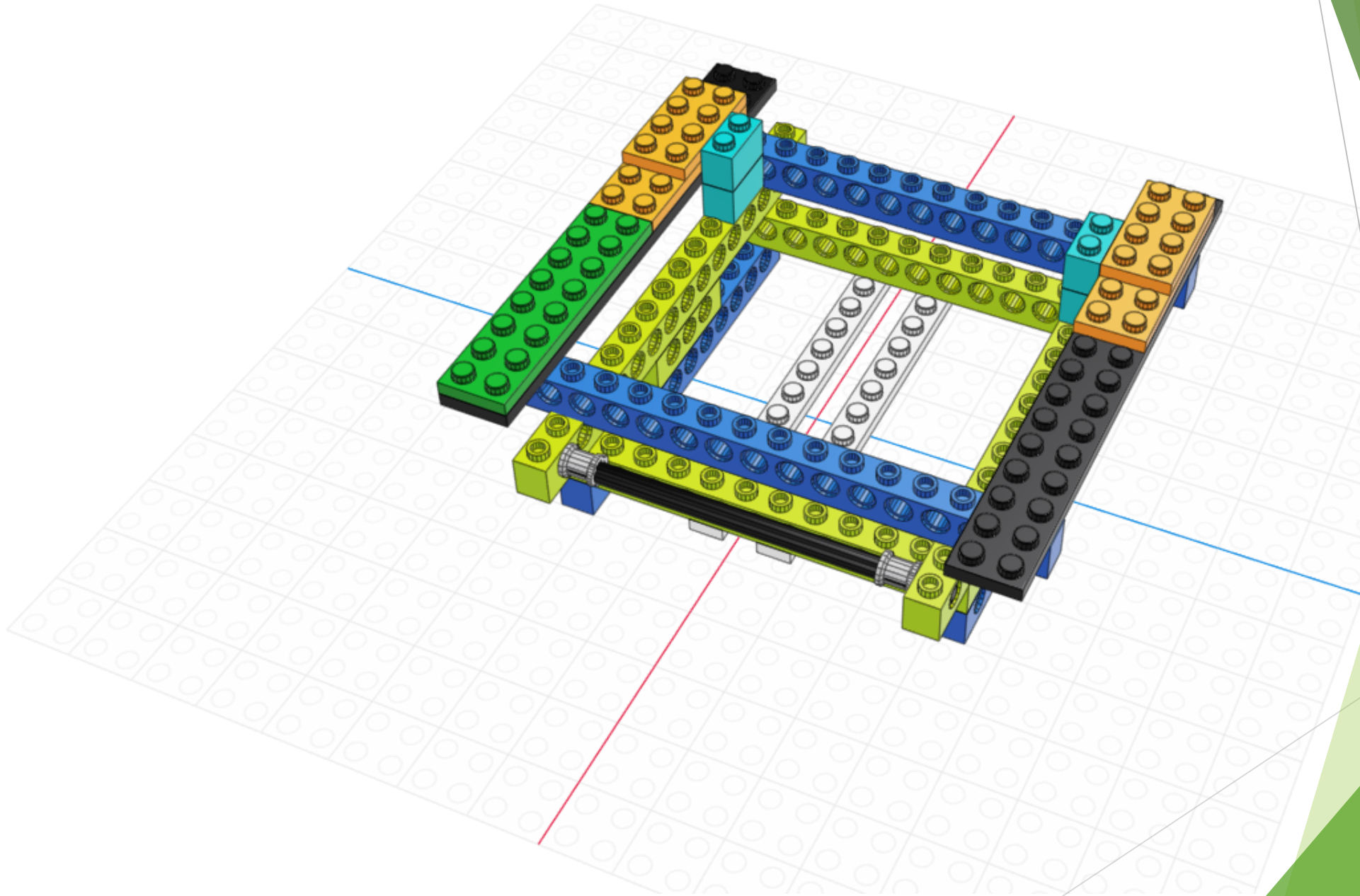
# Step 8



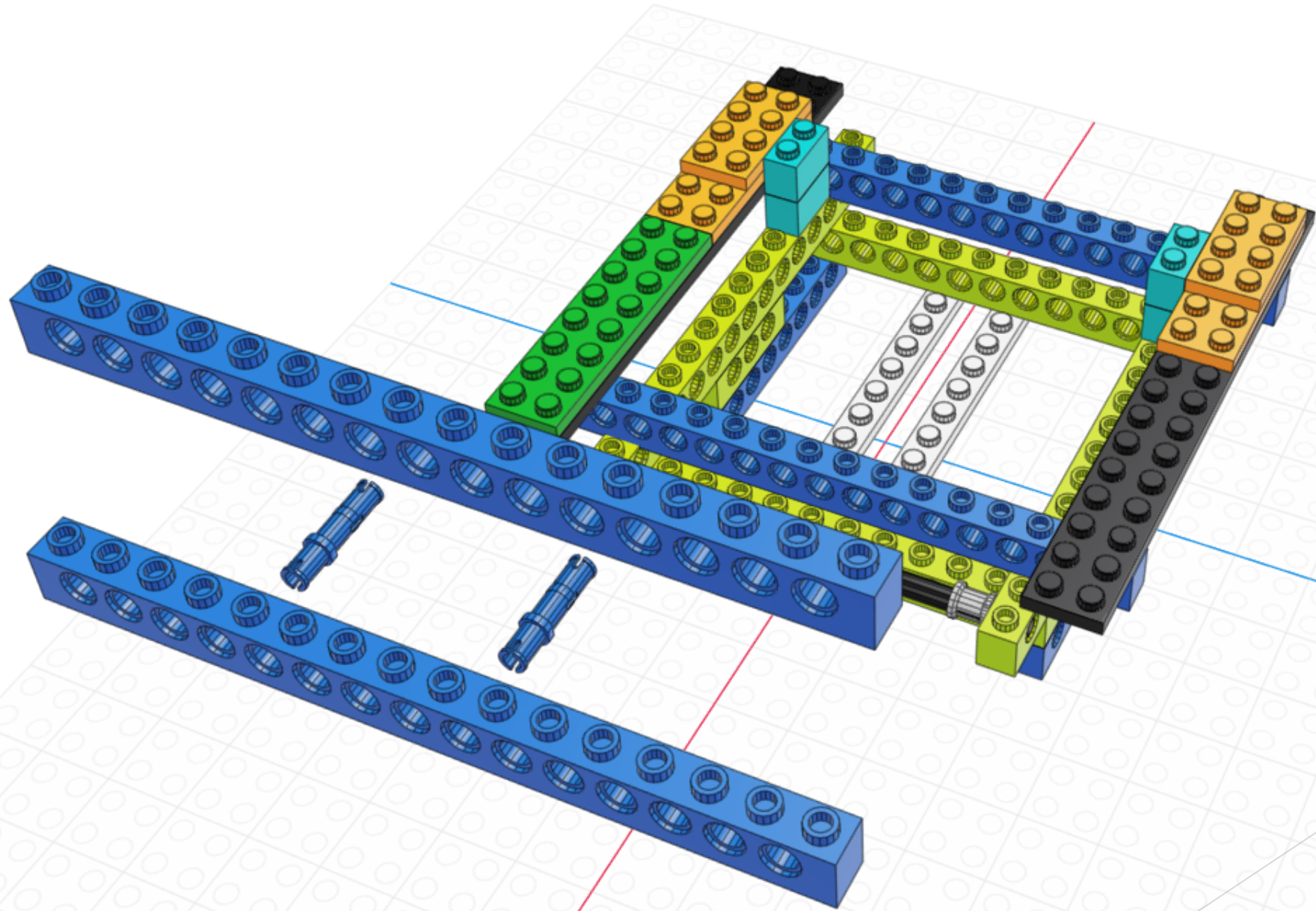
# Step 9



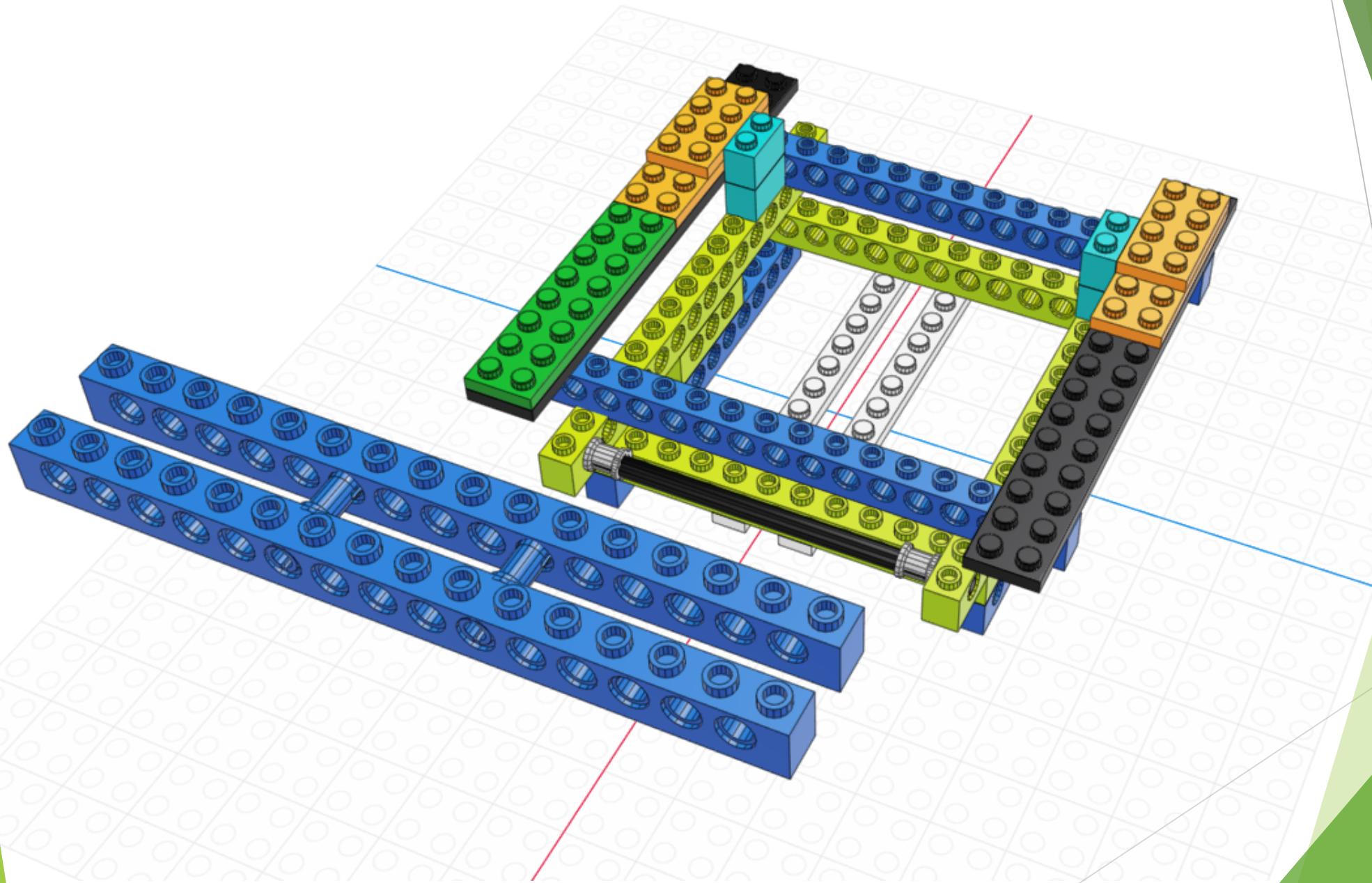
# Step 9



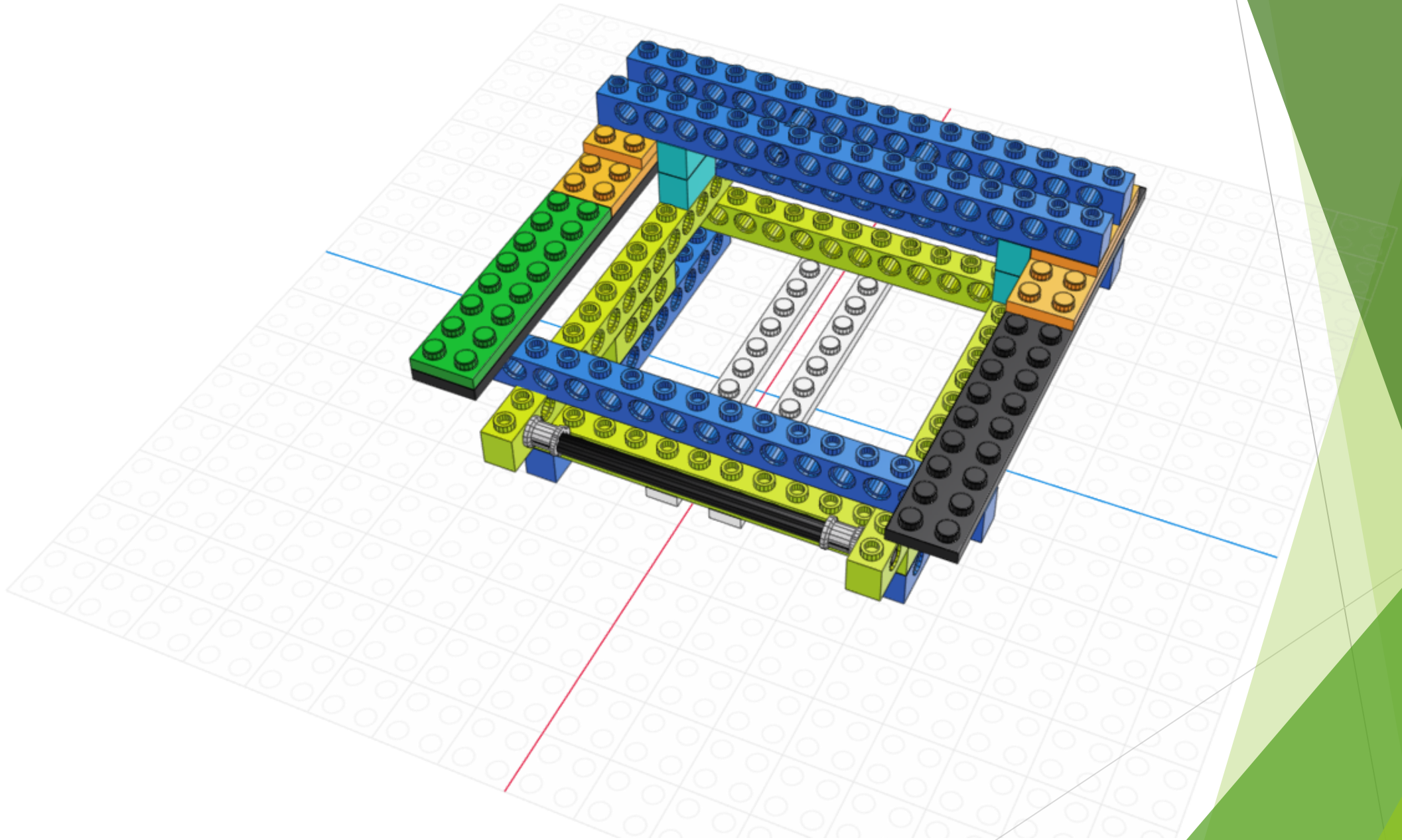
# Step 10



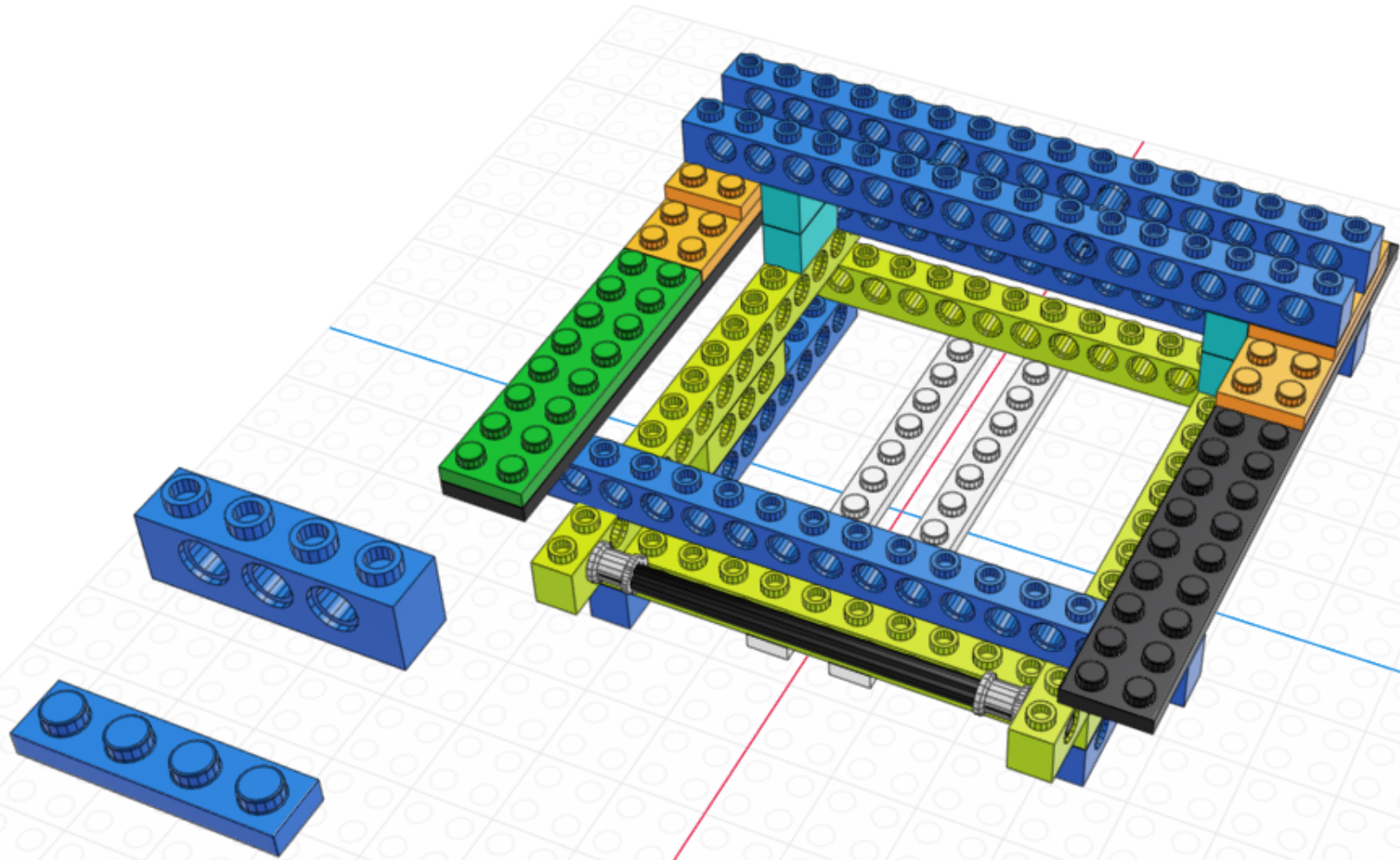
# Step 10



# Step 10

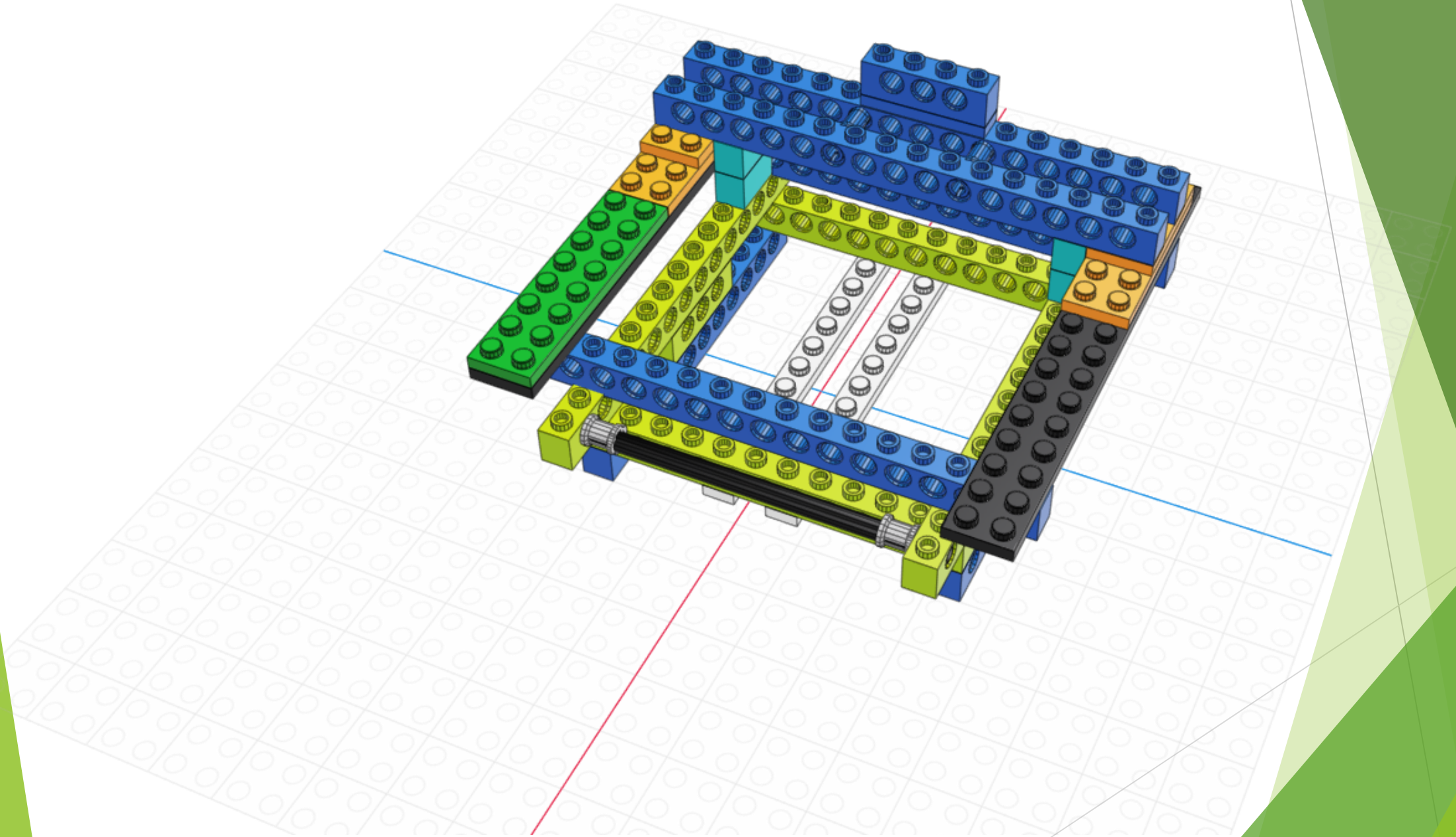


# Step 11

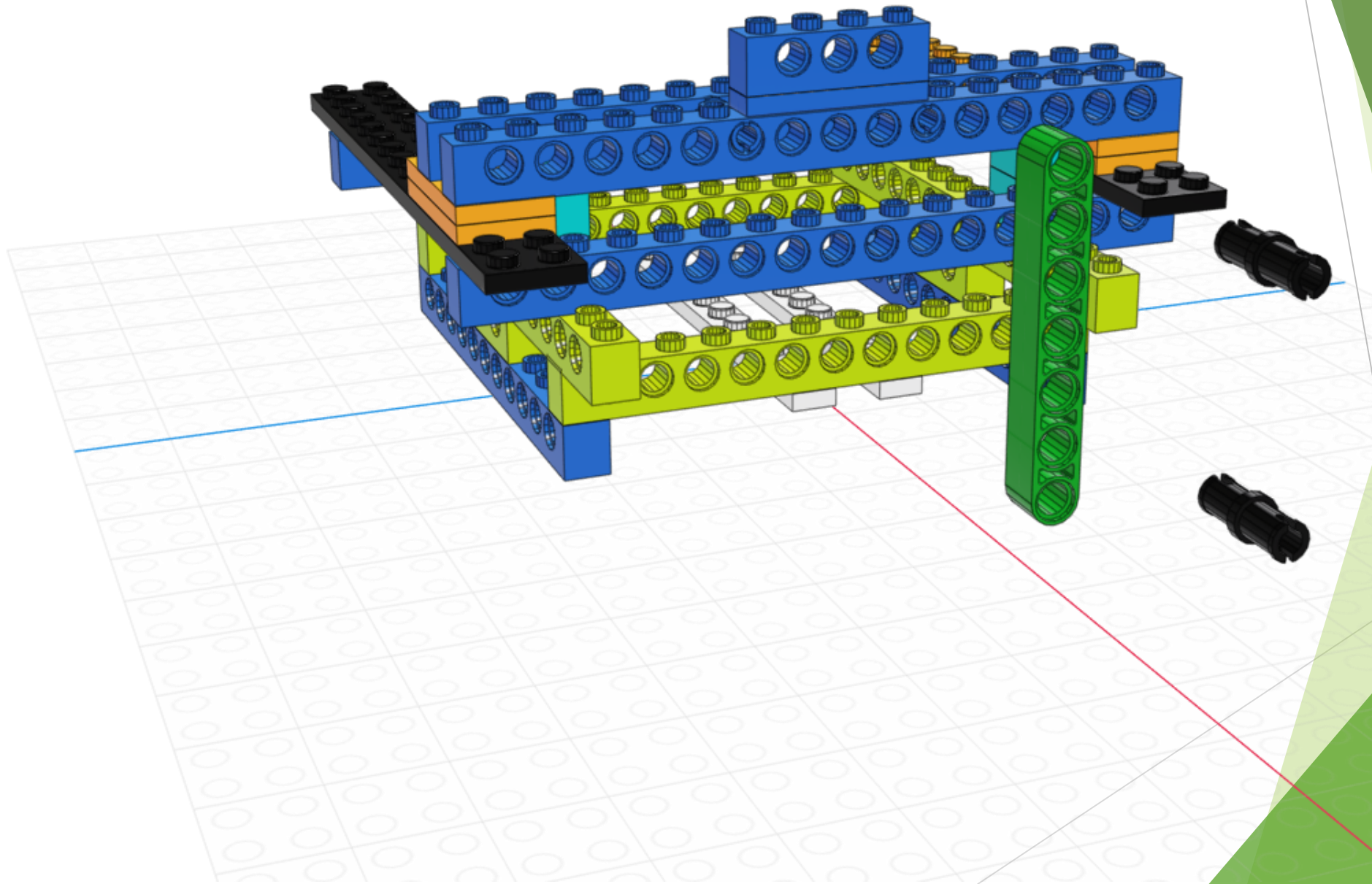




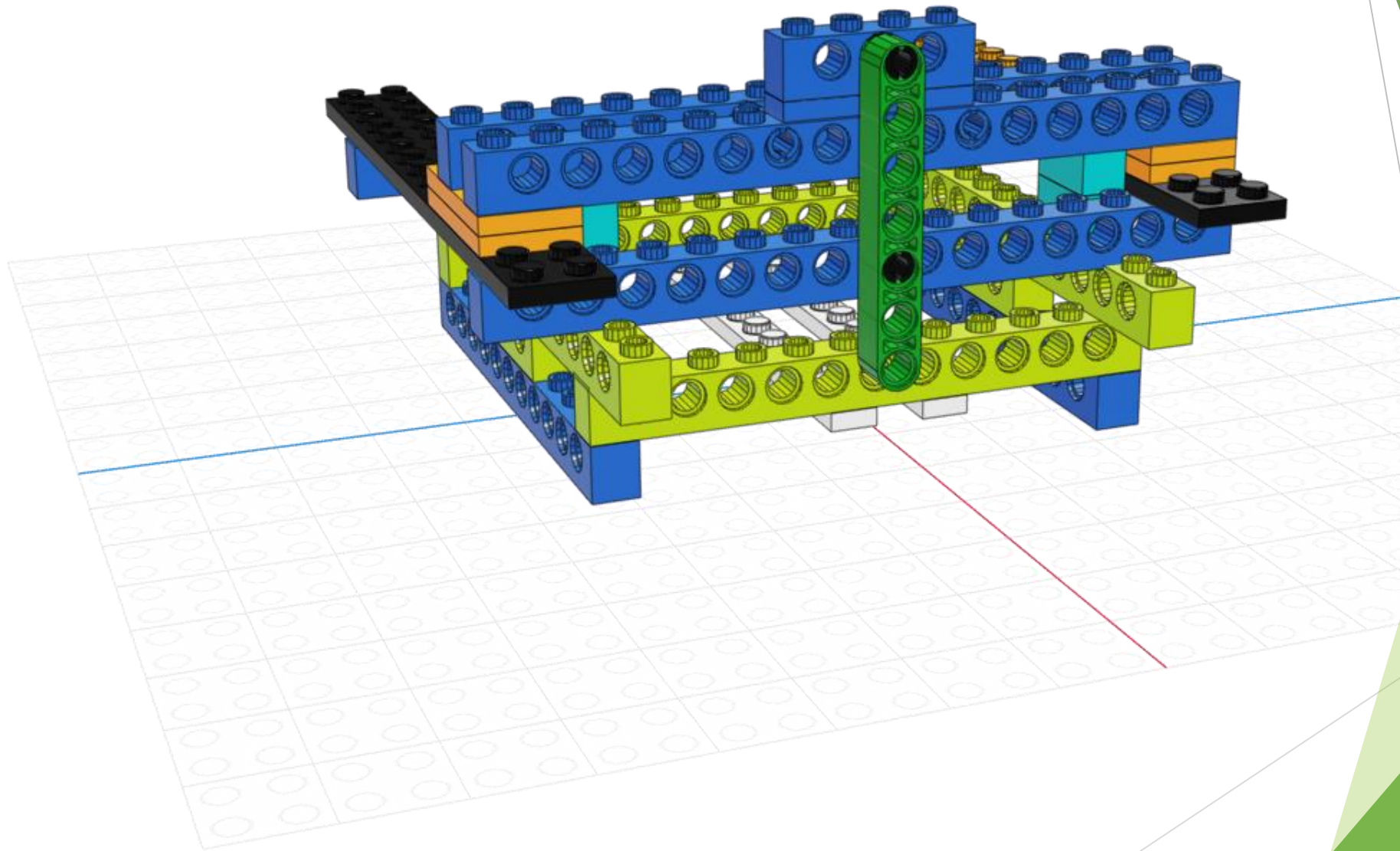
# Step 11



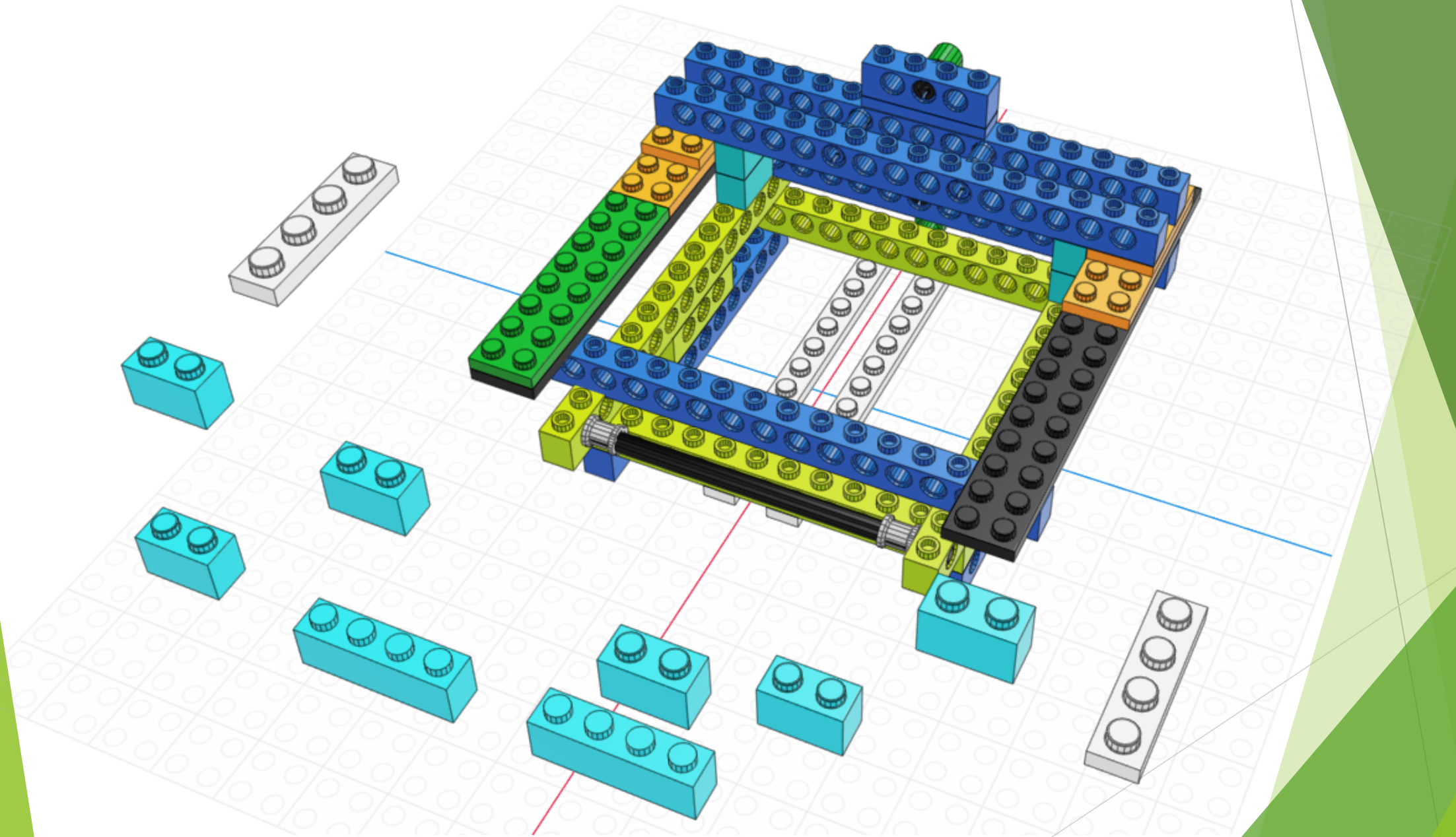
# Step 12



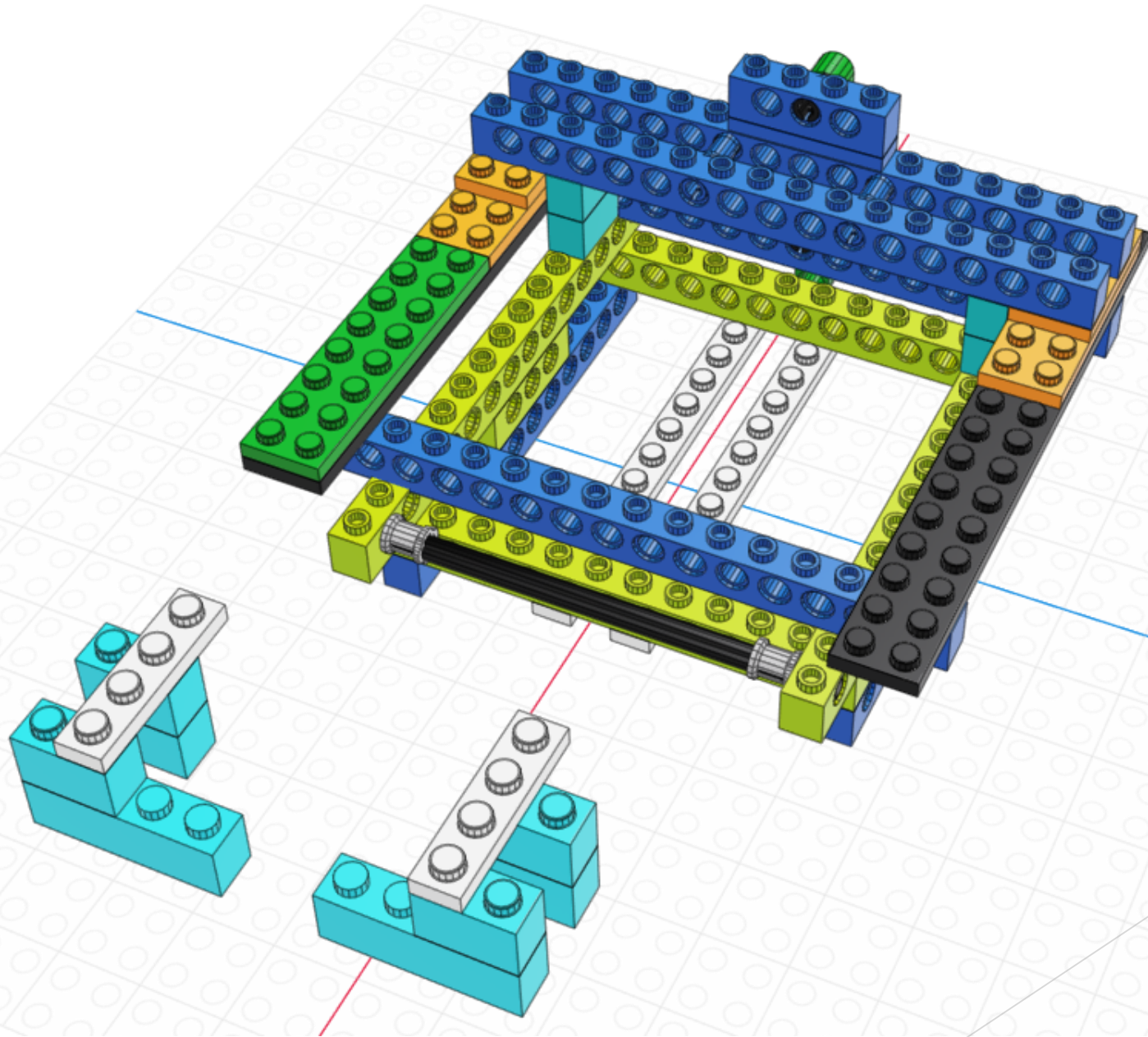
# Step 12



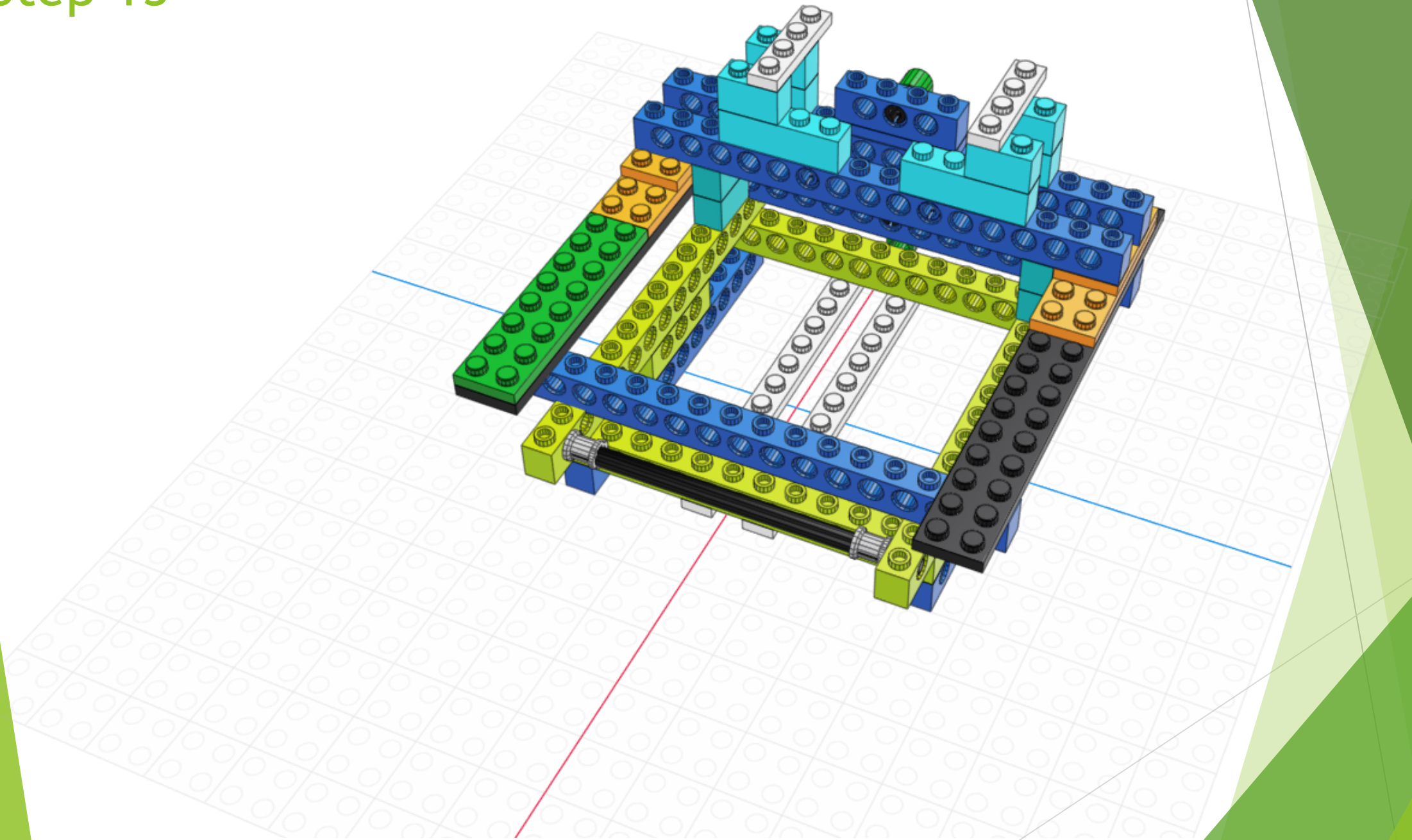
# Step 13



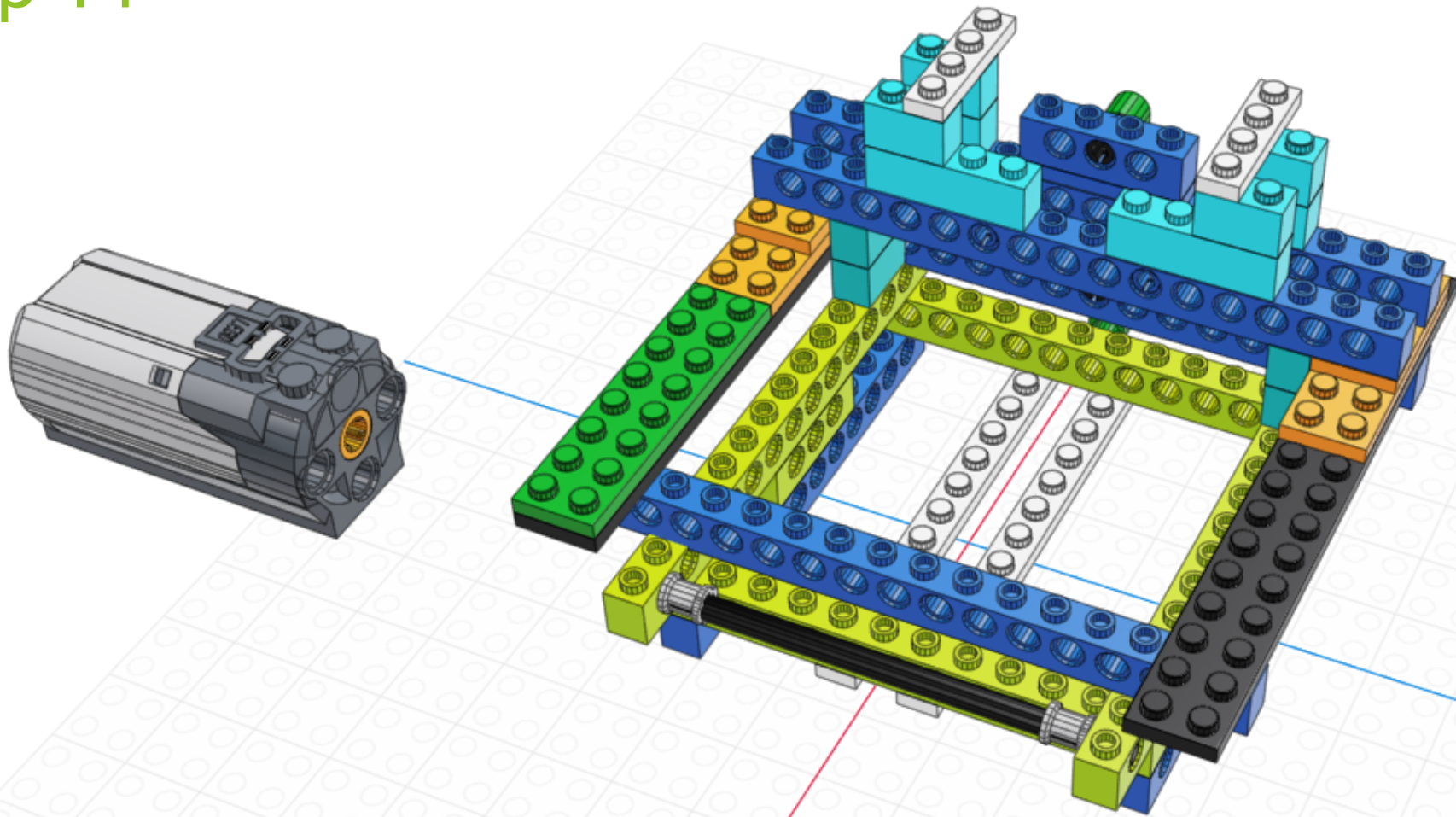
# Step 13



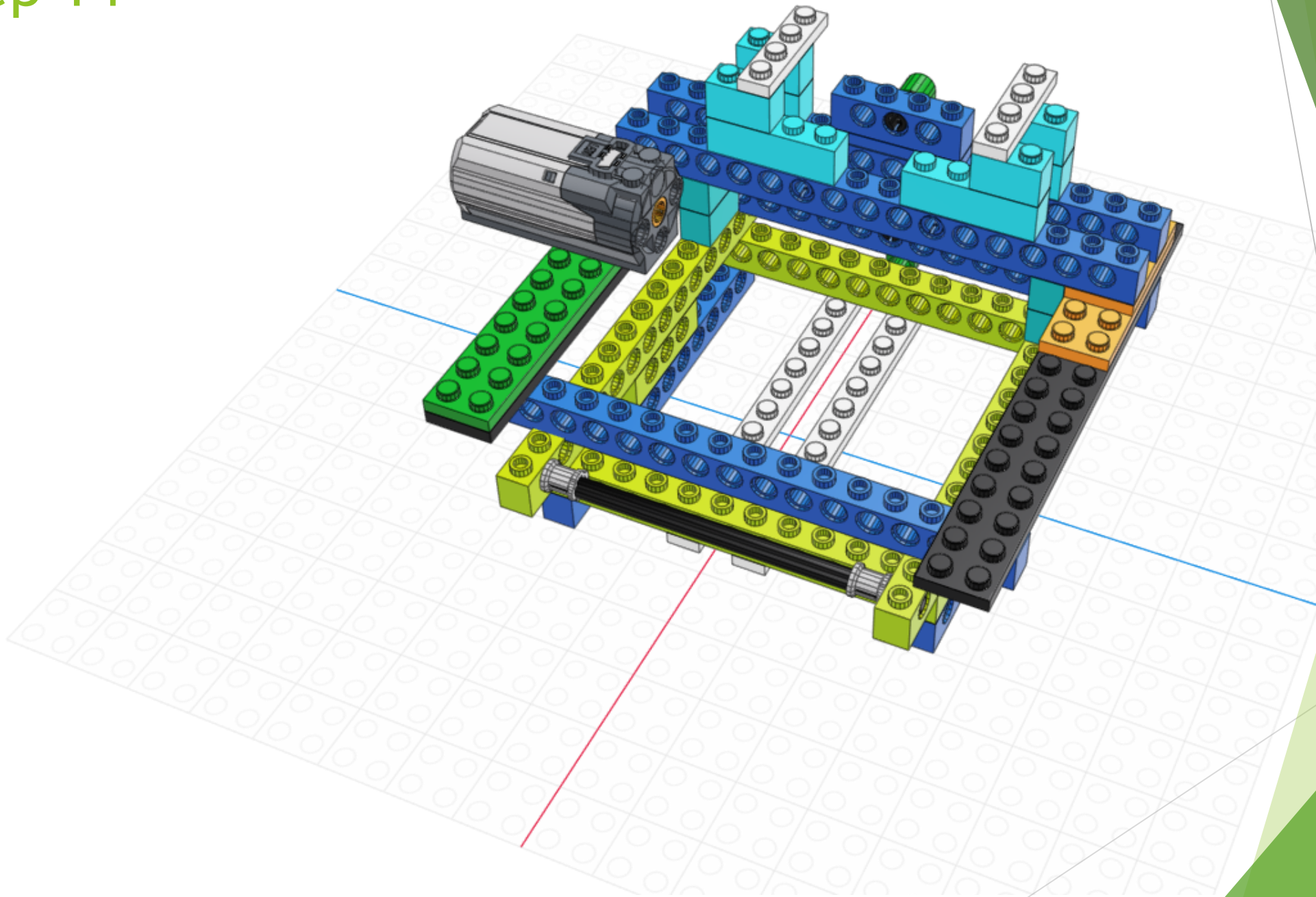
# Step 13



# Step 14

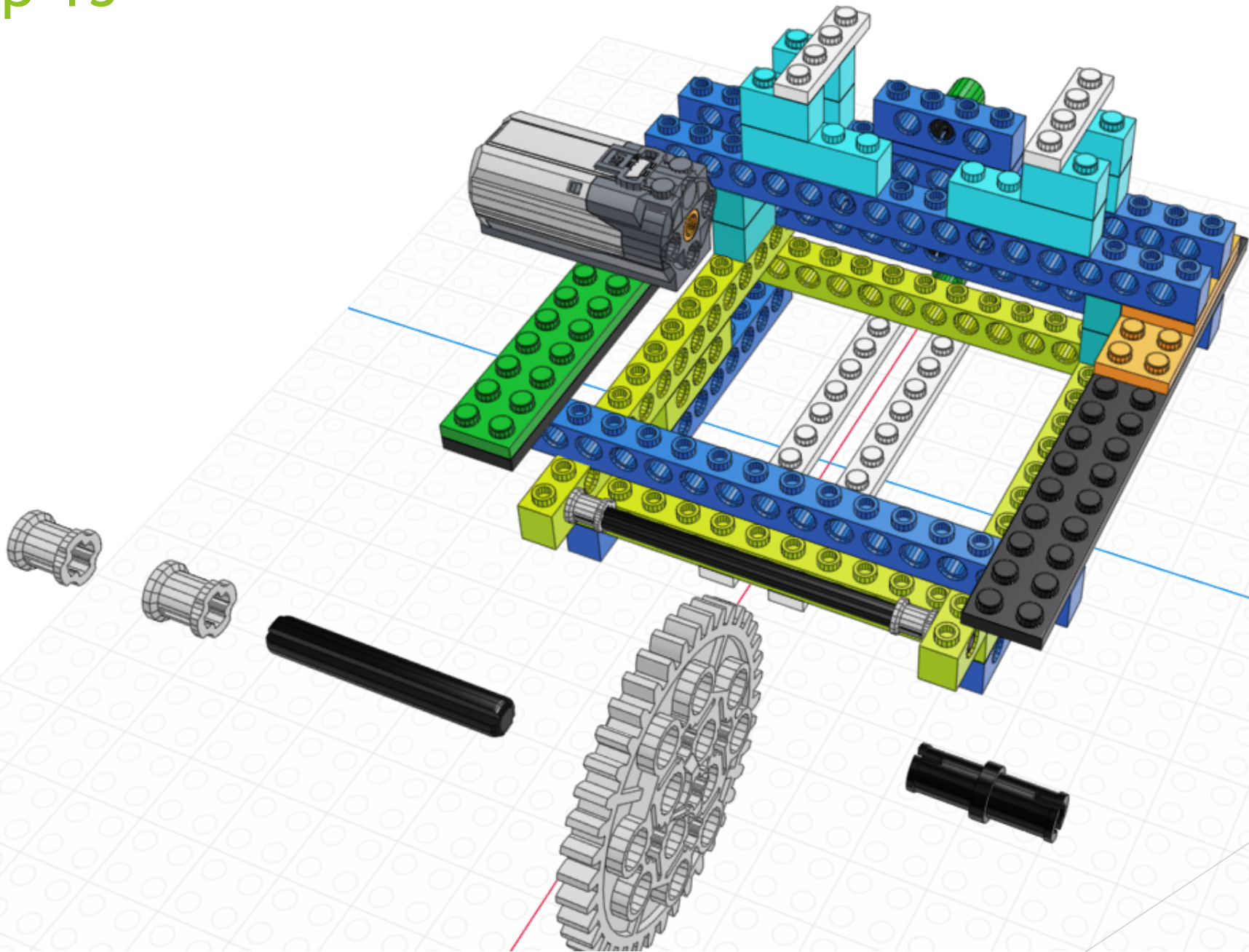


# Step 14

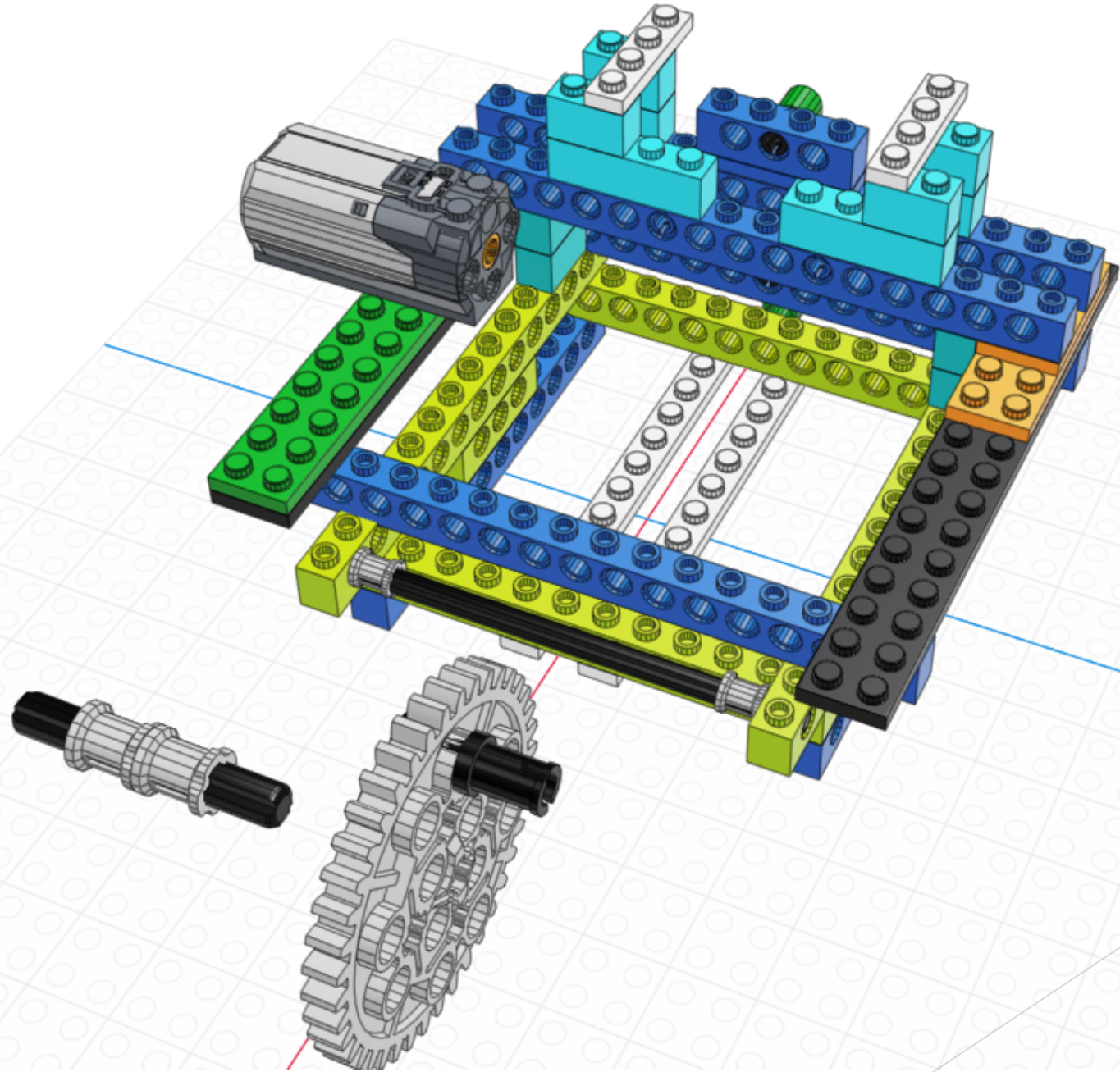




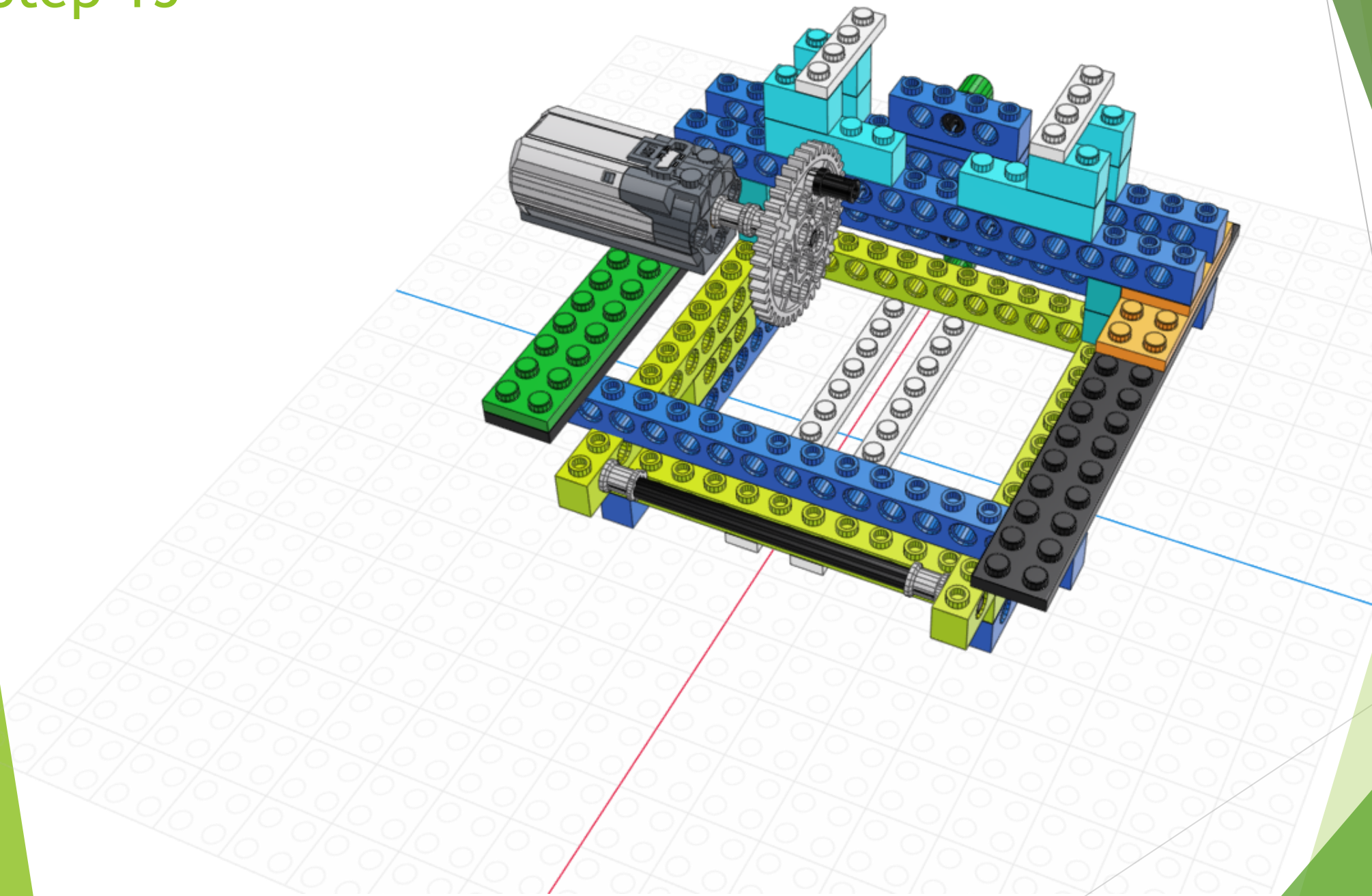
# Step 15



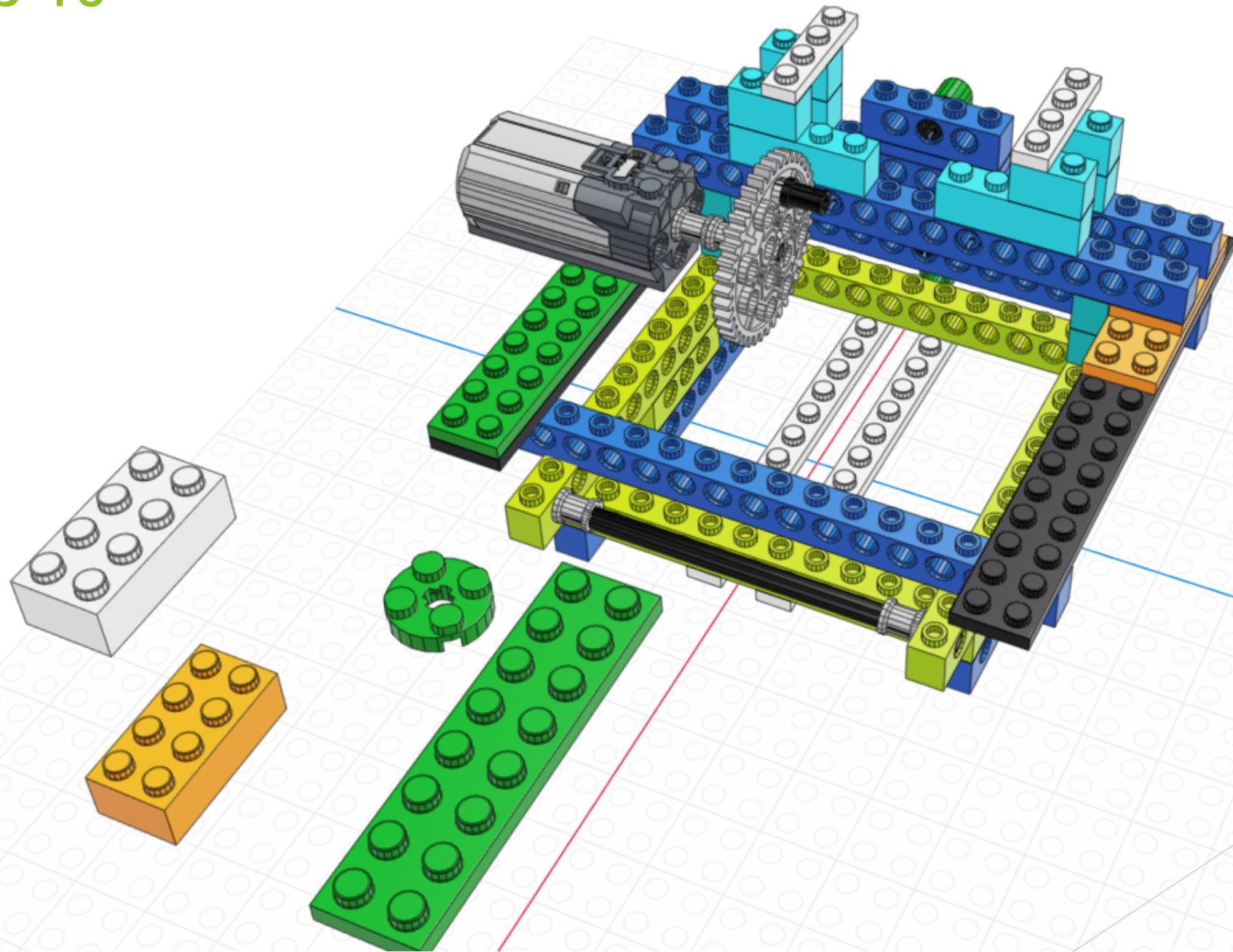
# Step 15



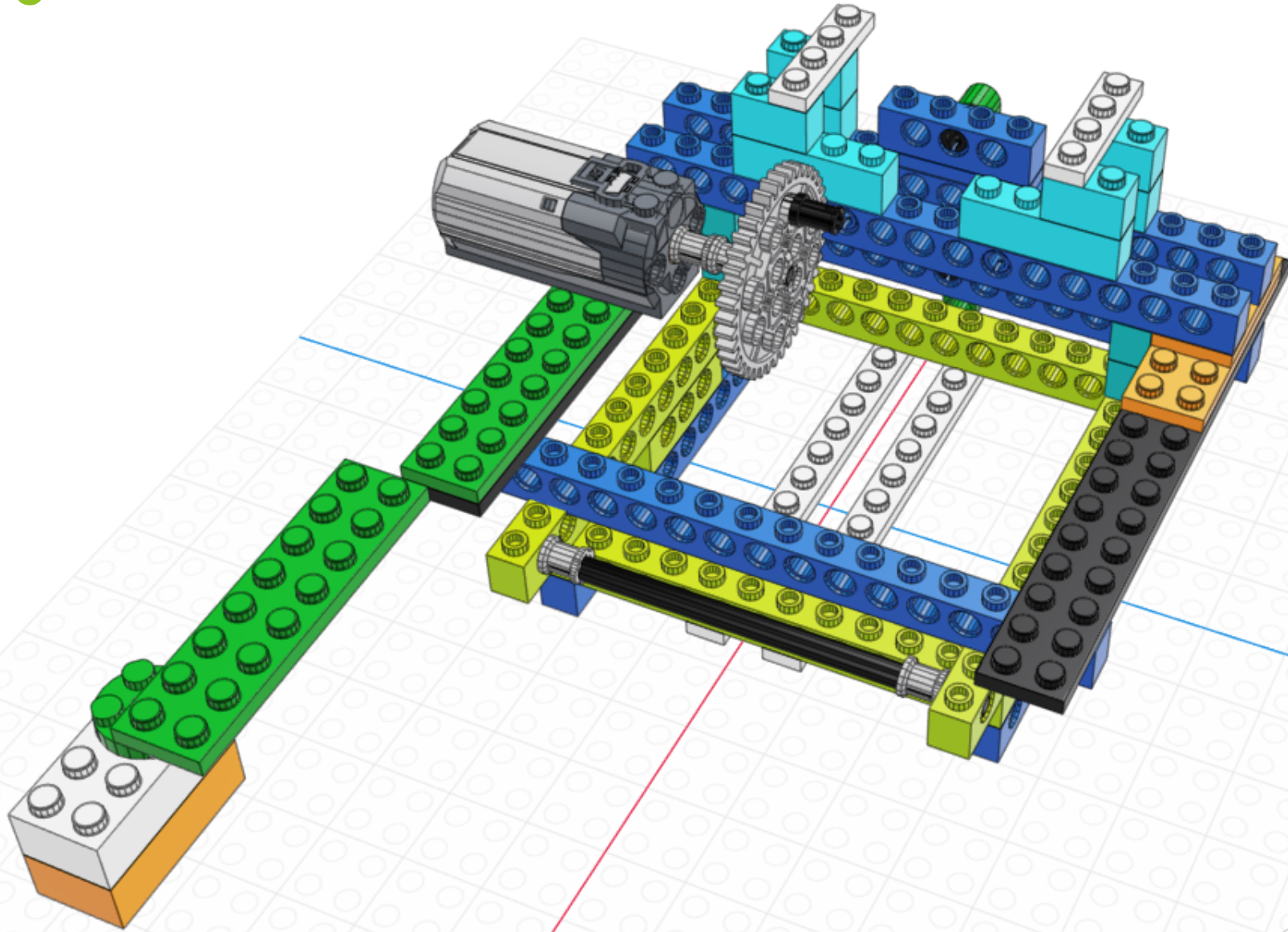
# Step 15



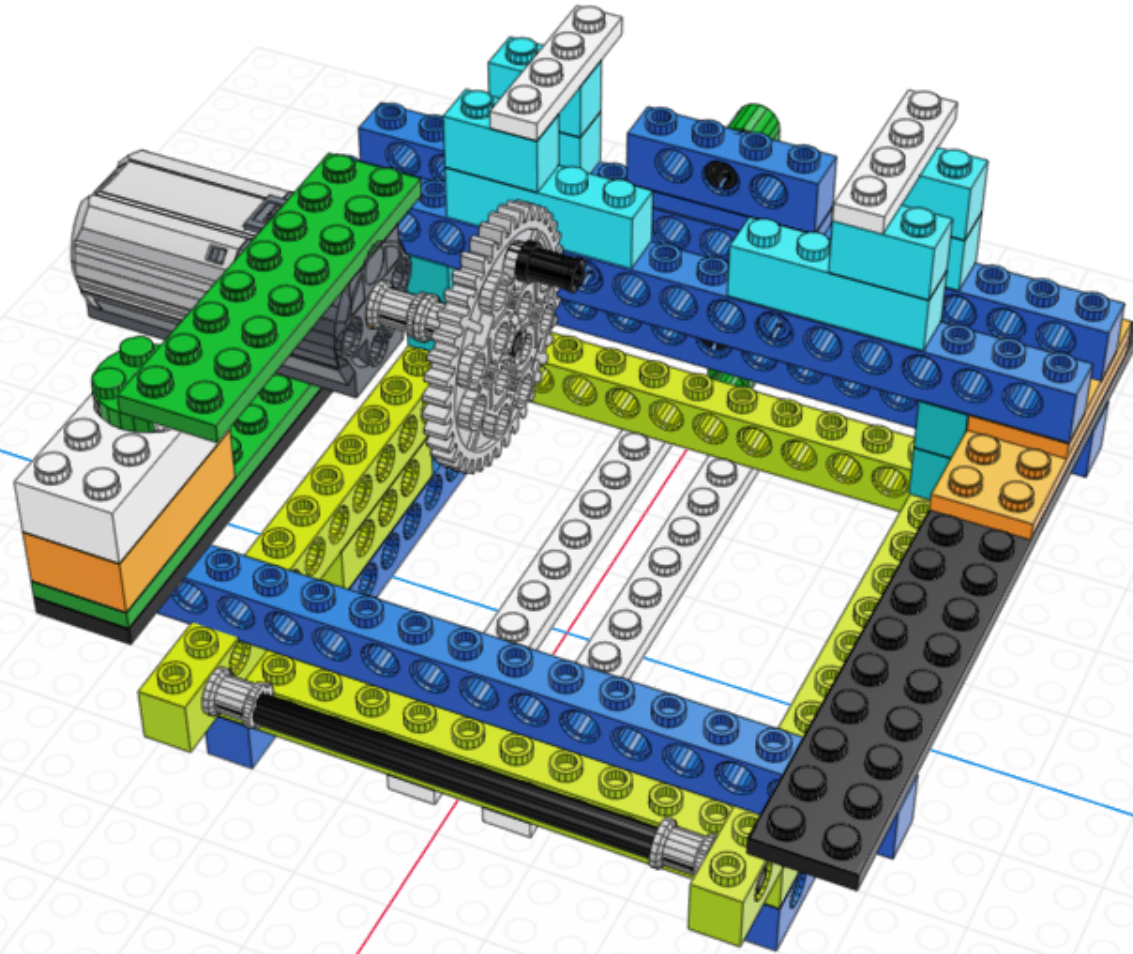
# Step 16



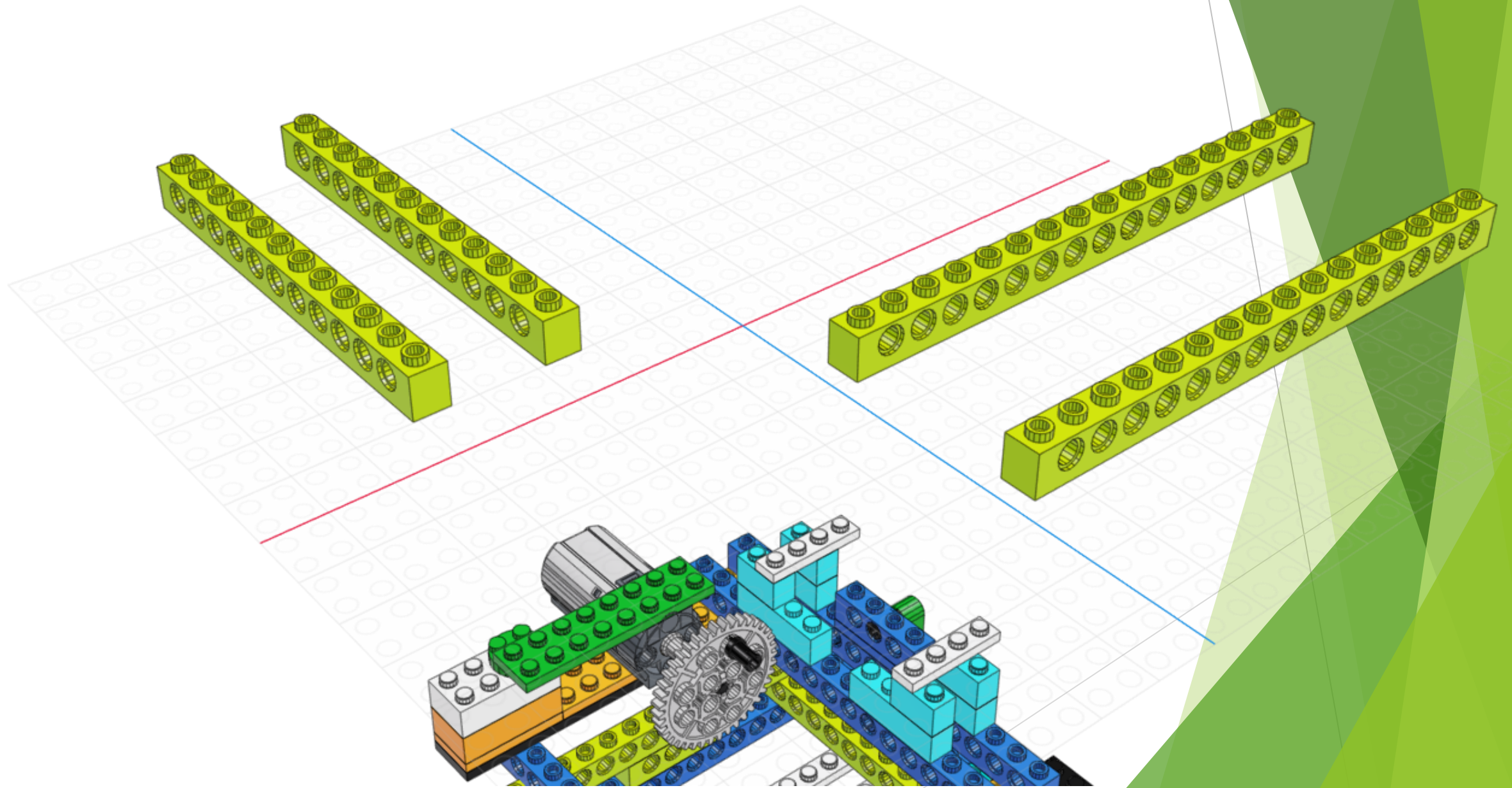
# Step 16



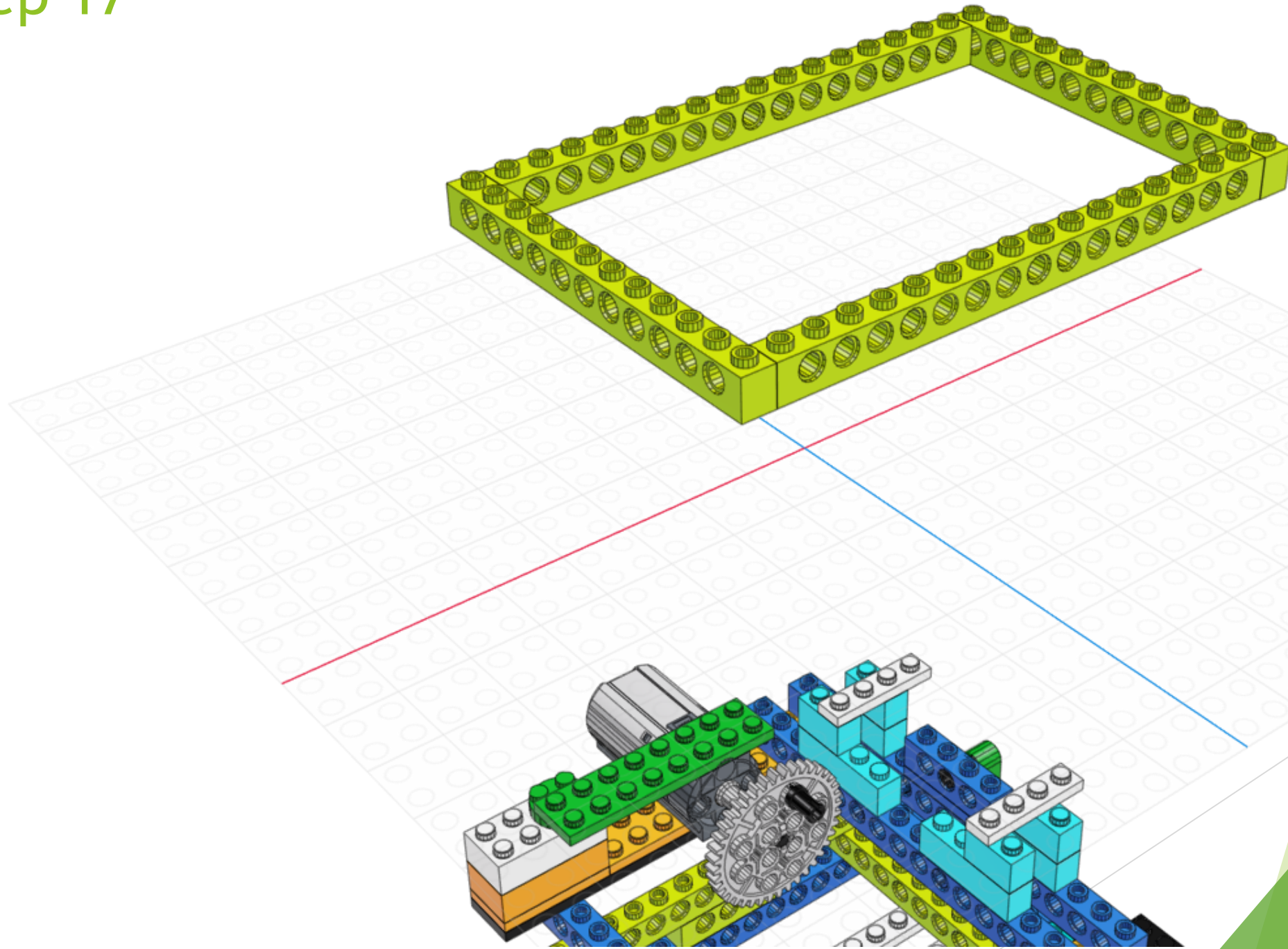
# Step 16



# Step 17

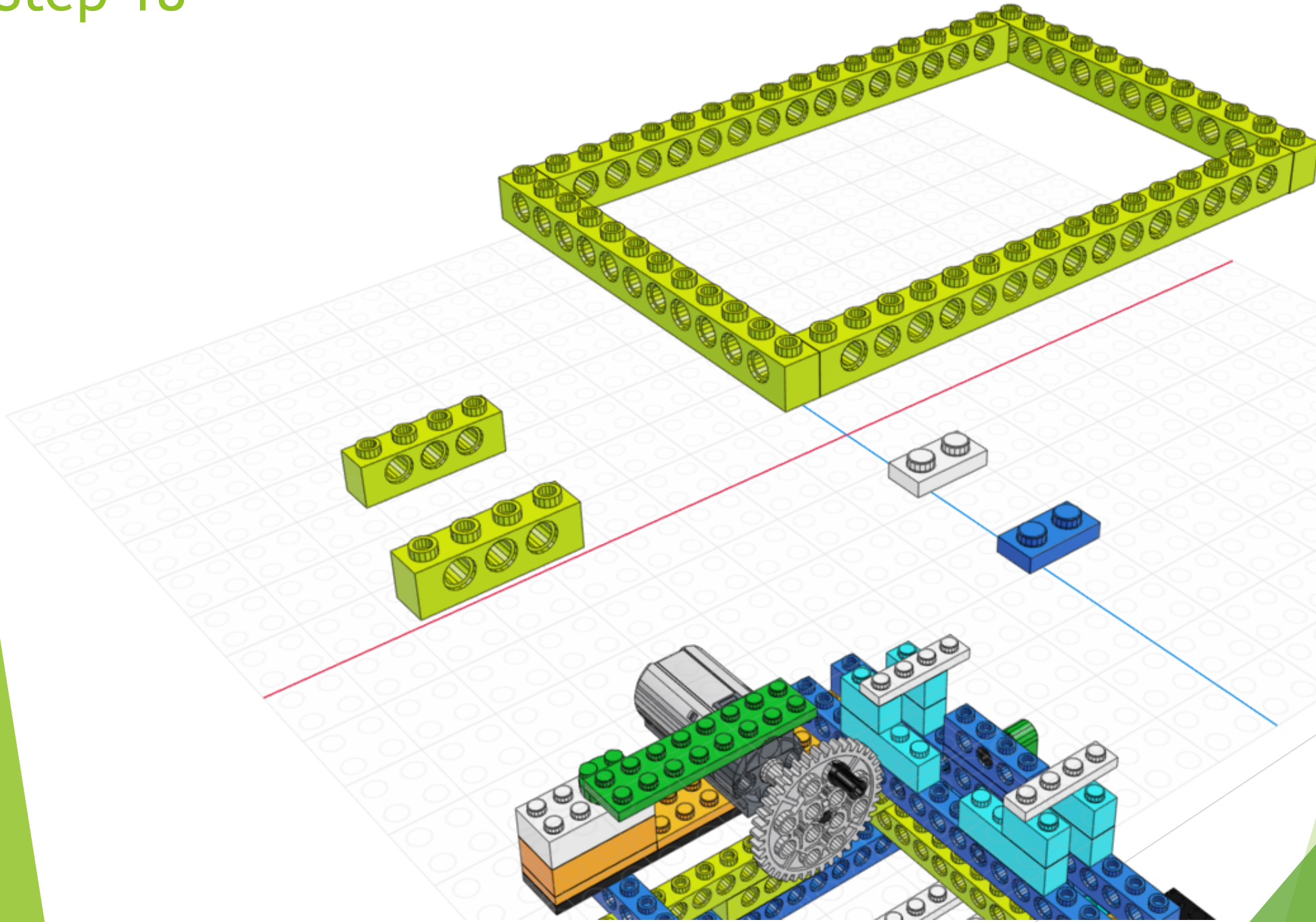


# Step 17

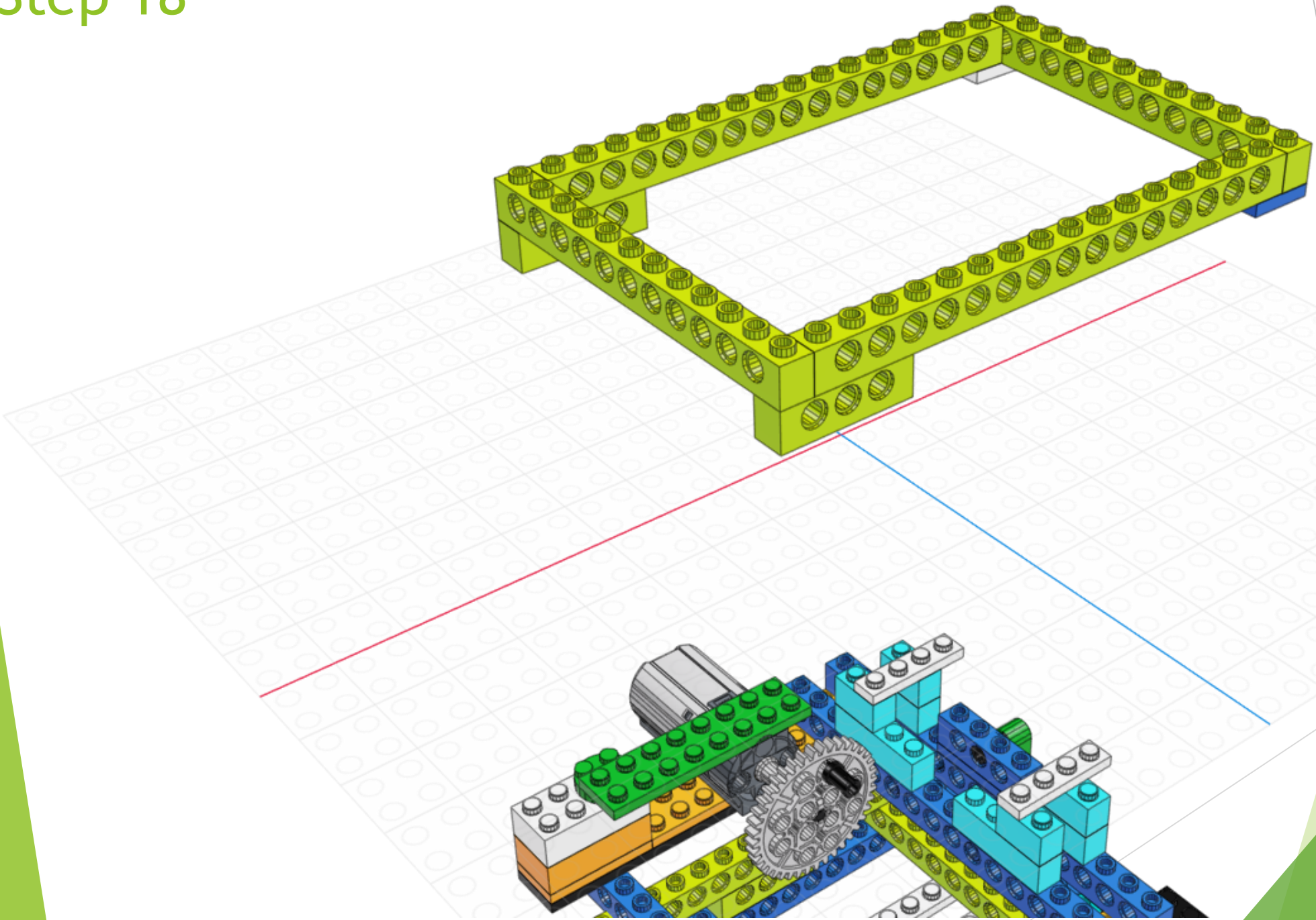




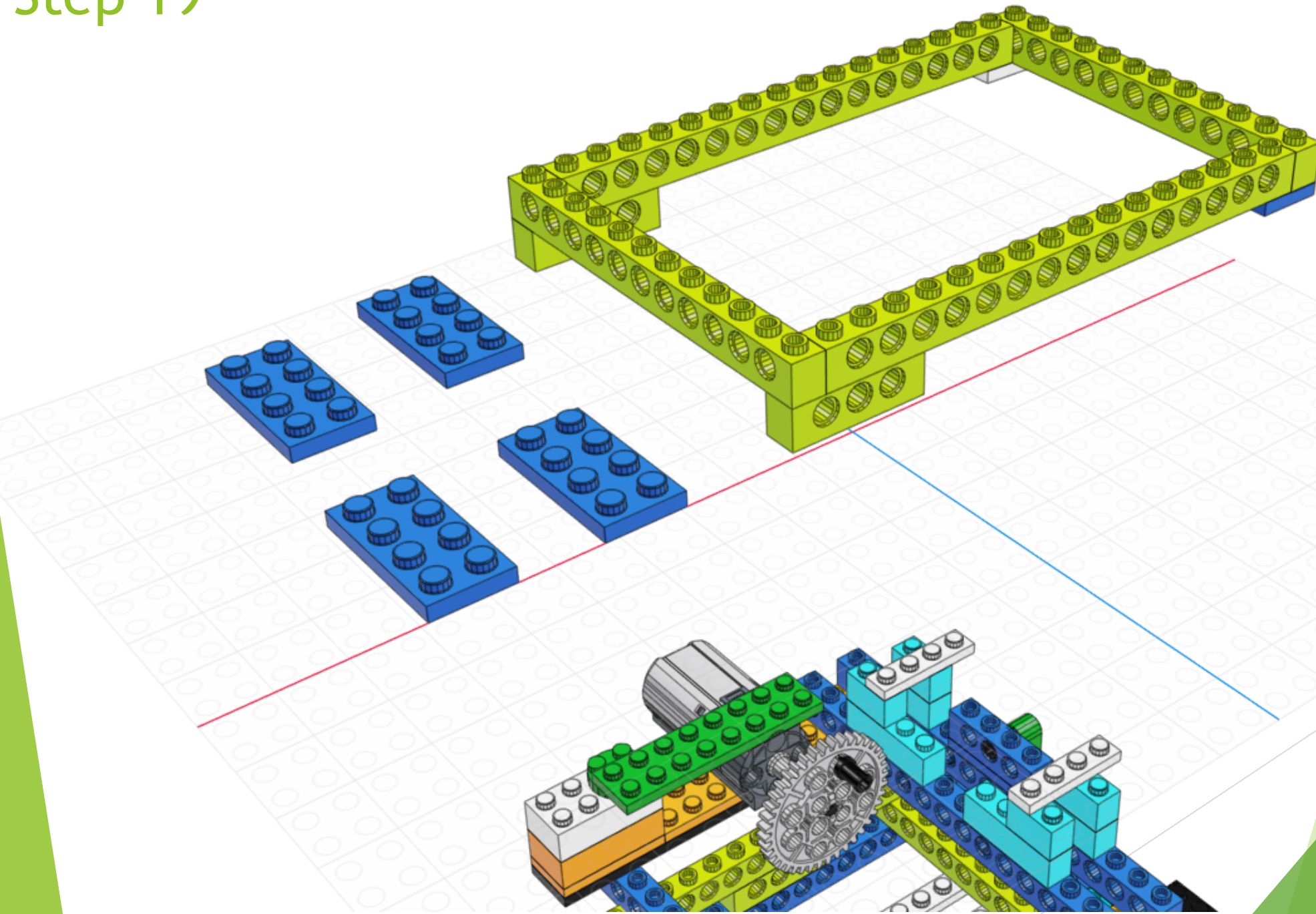
# Step 18



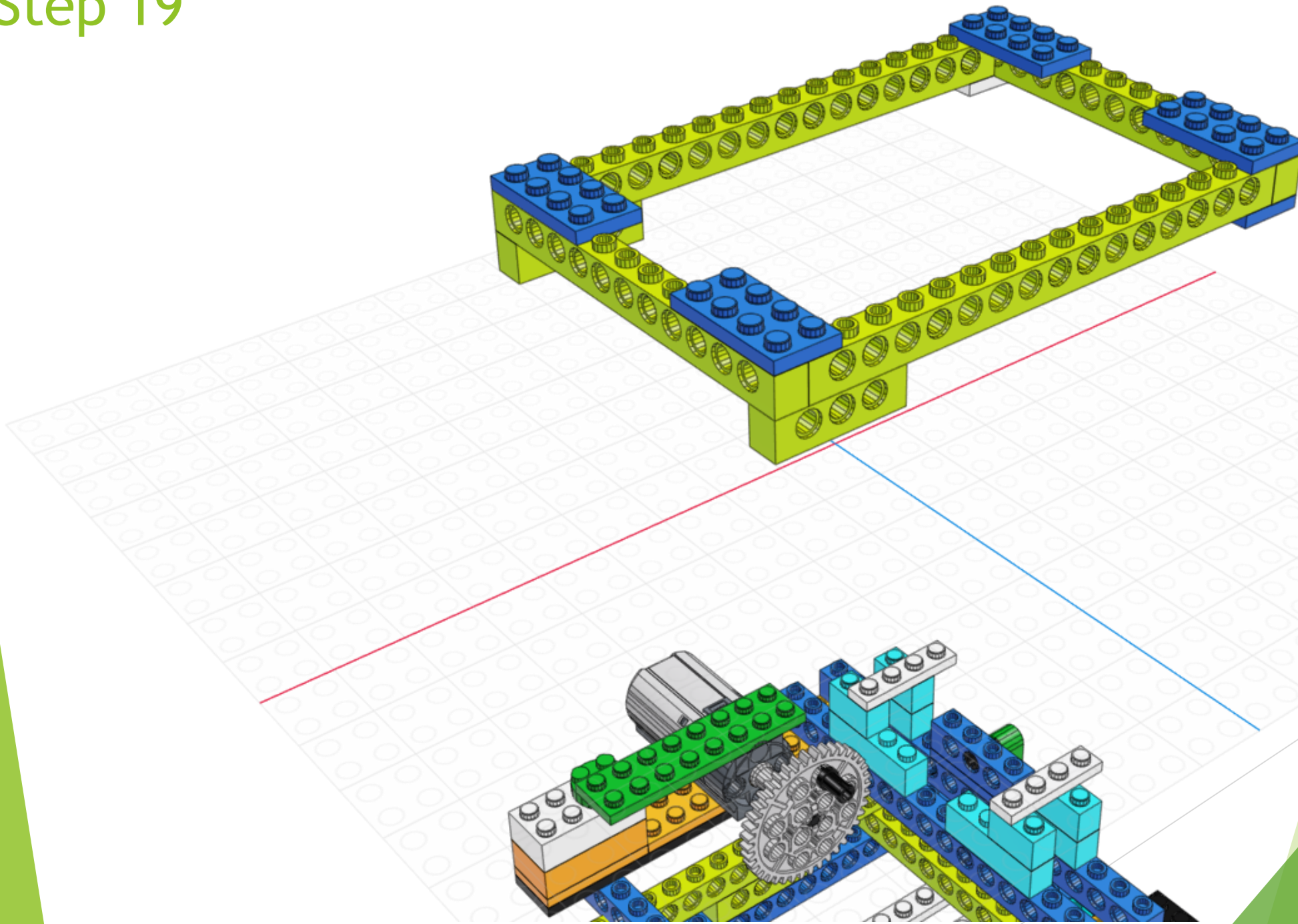
# Step 18



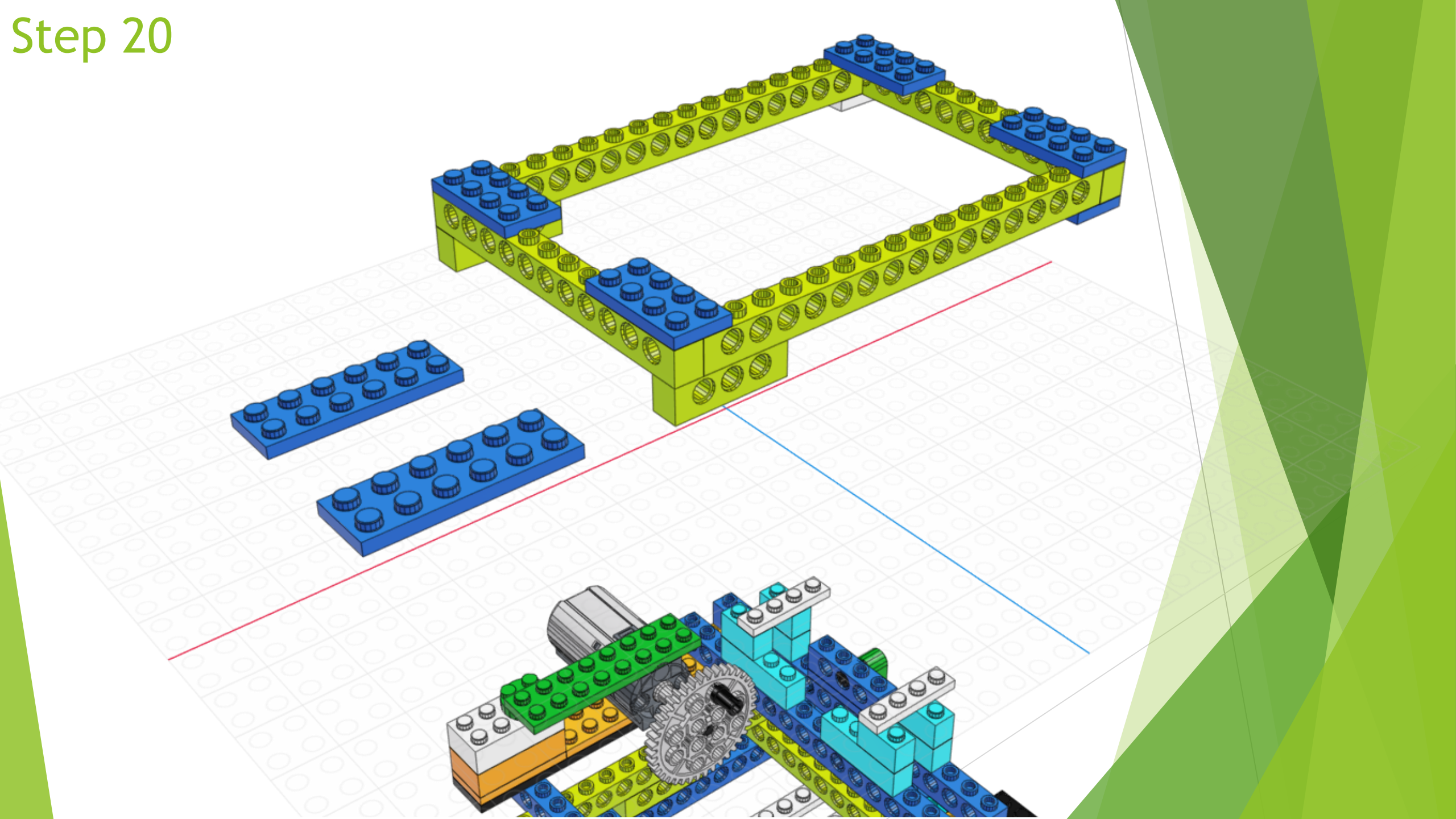
# Step 19



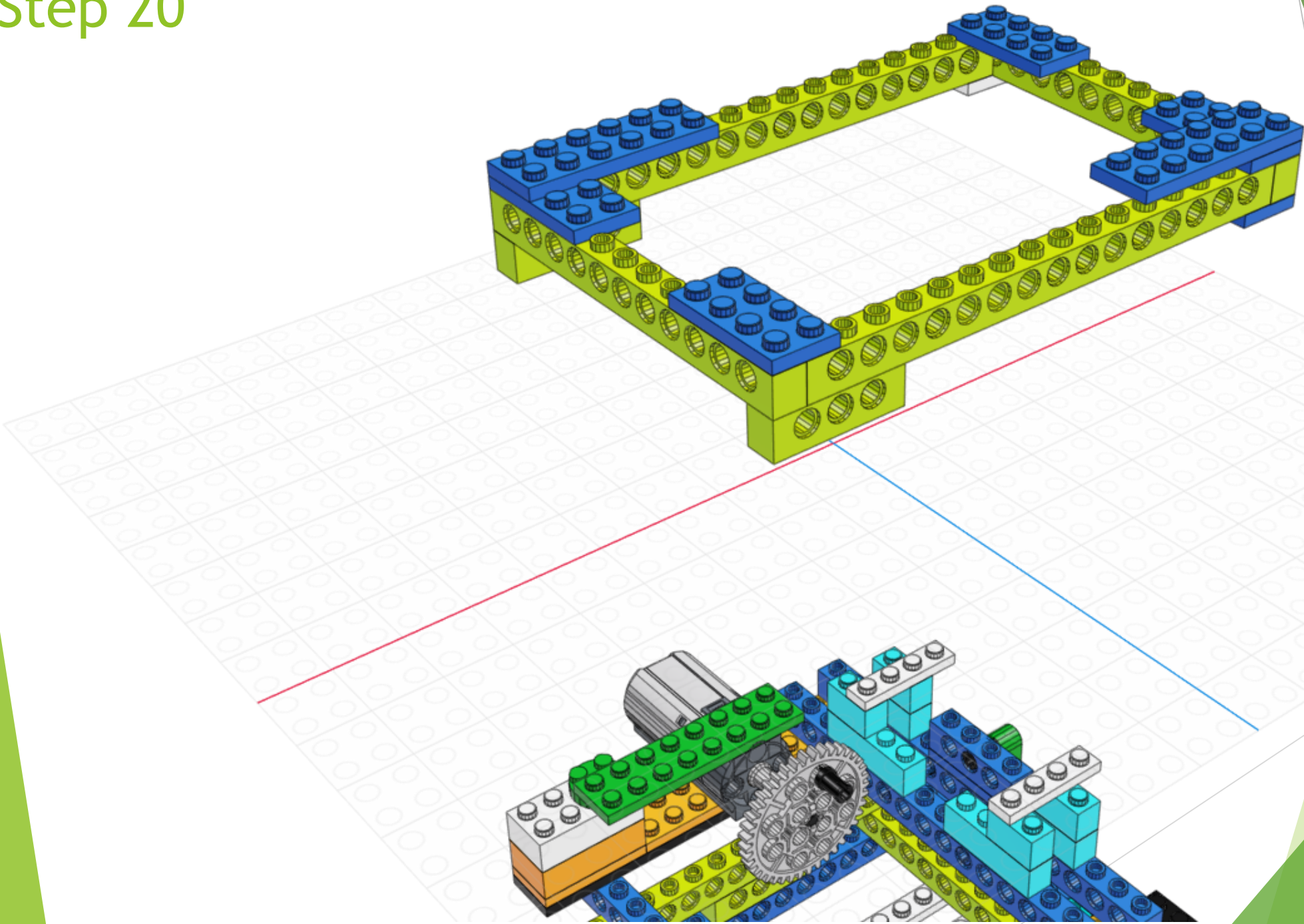
# Step 19



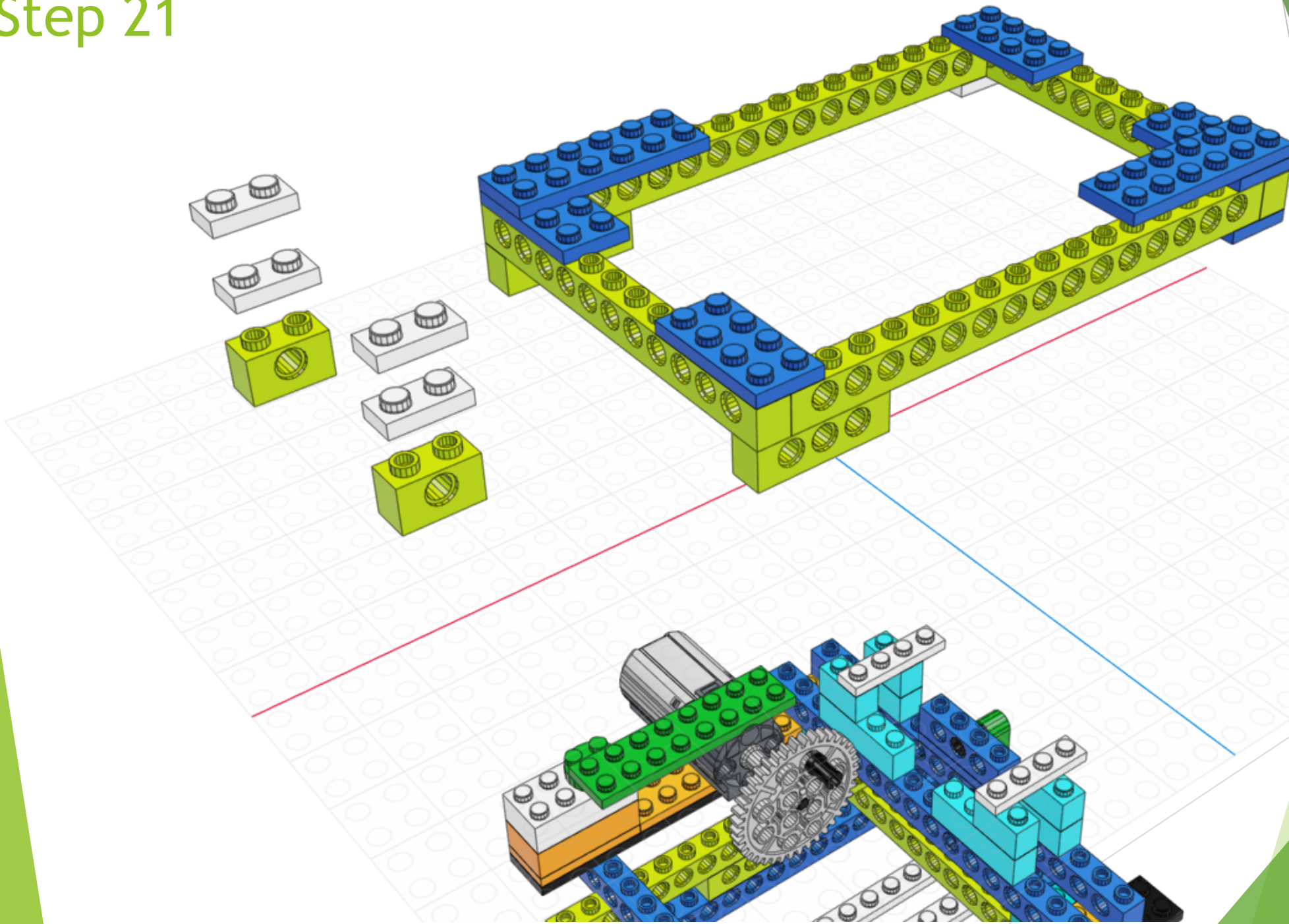
# Step 20



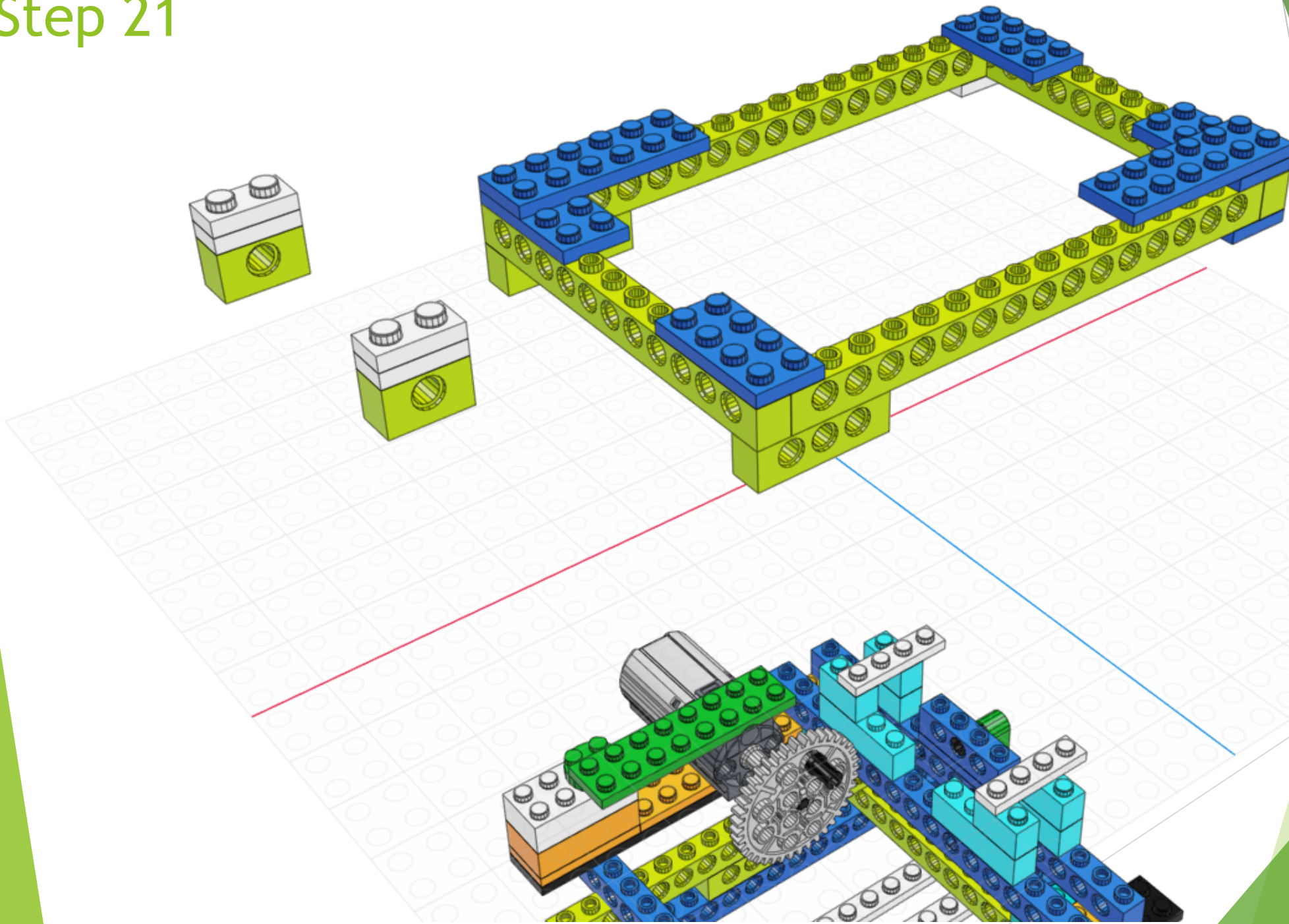
# Step 20



# Step 21

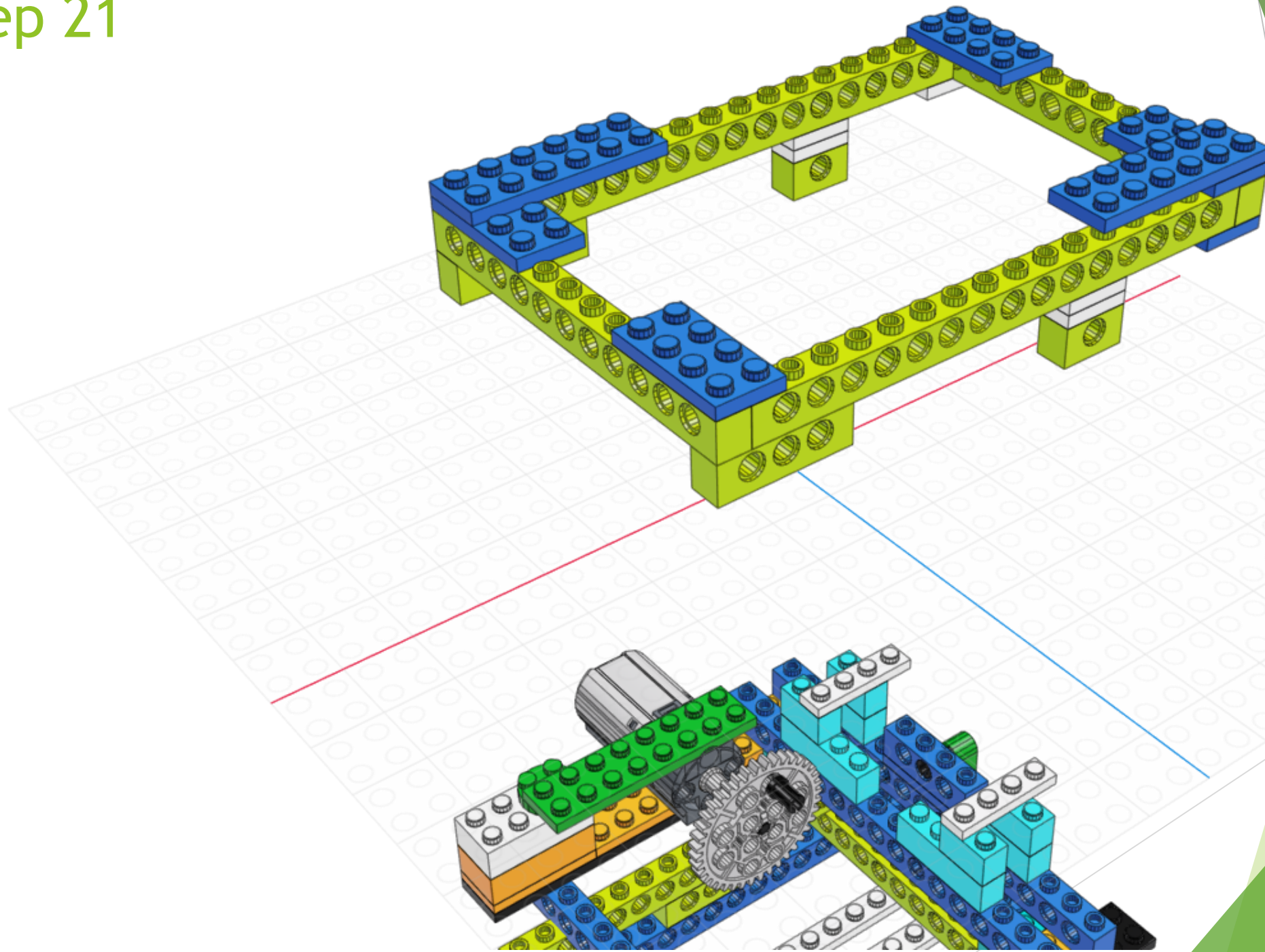


# Step 21

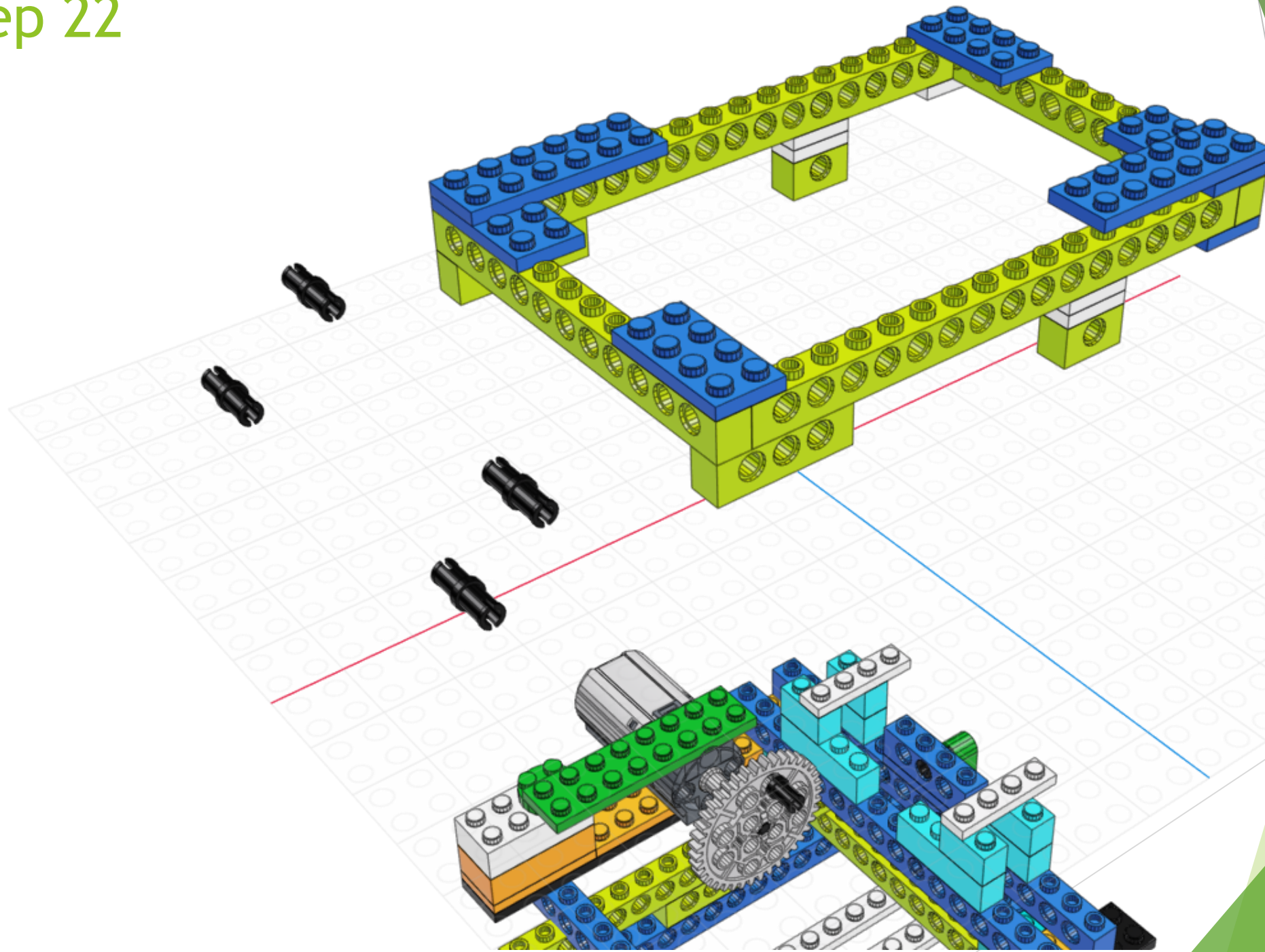




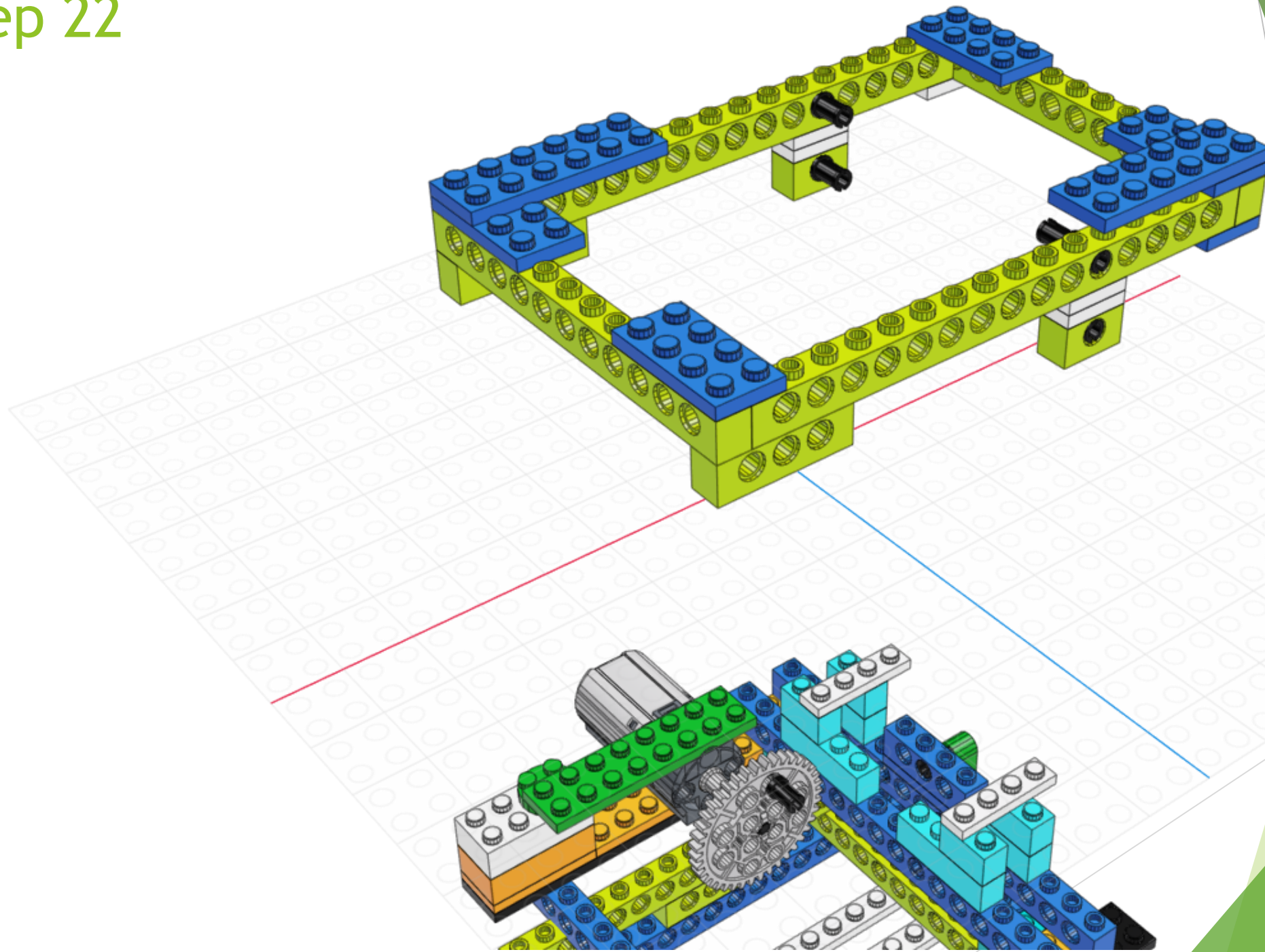
# Step 21



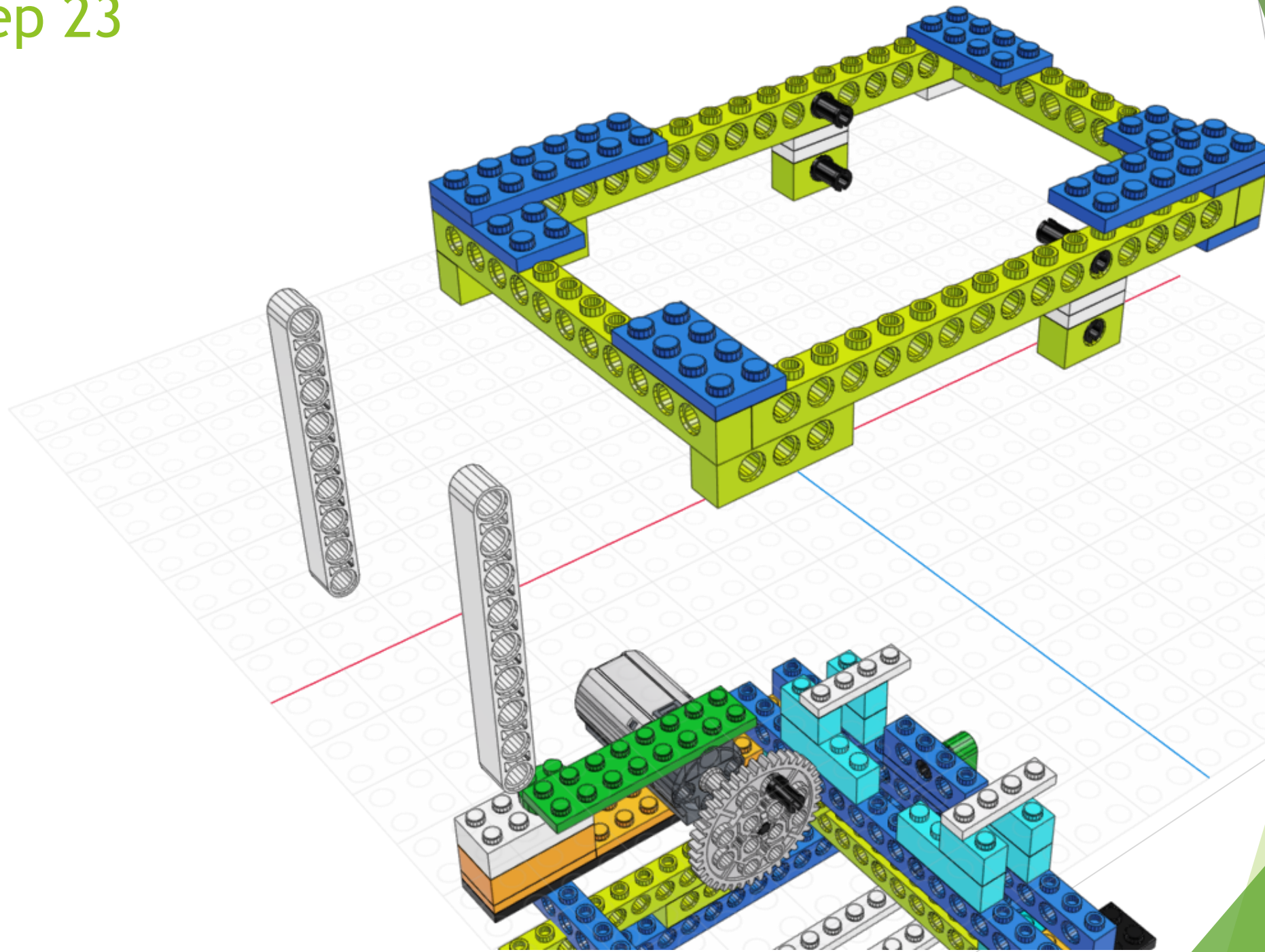
# Step 22



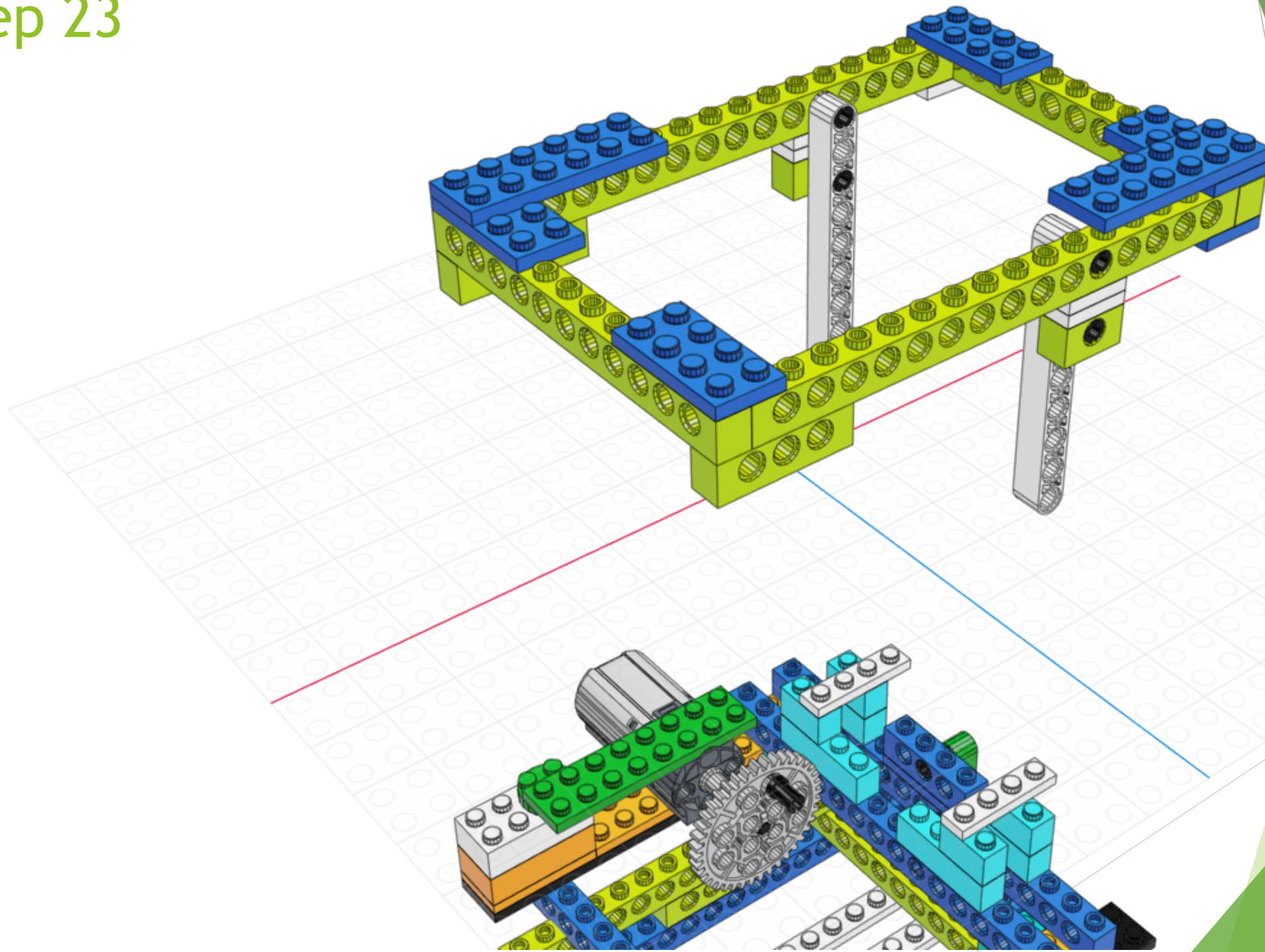
# Step 22



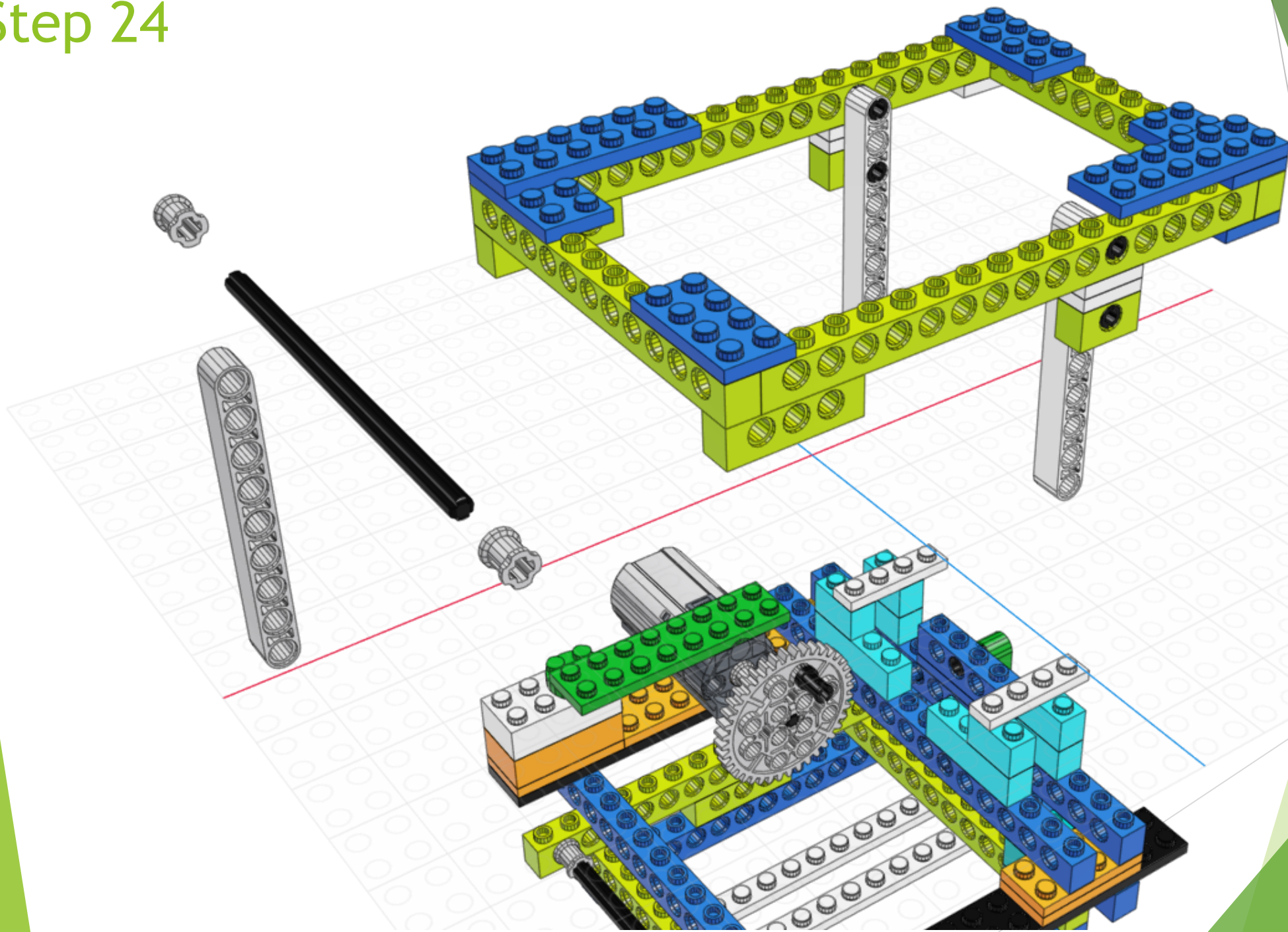
# Step 23



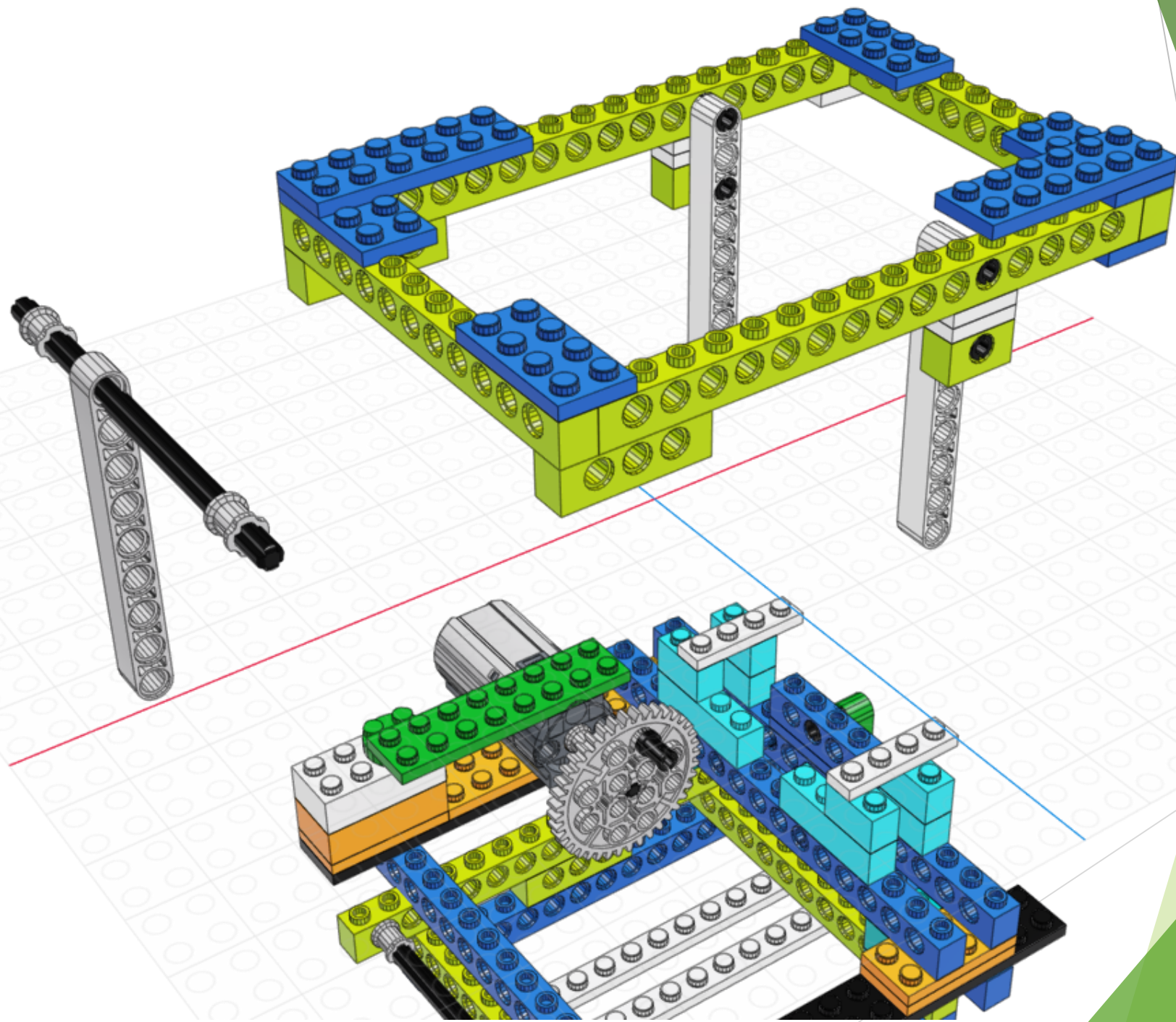
# Step 23



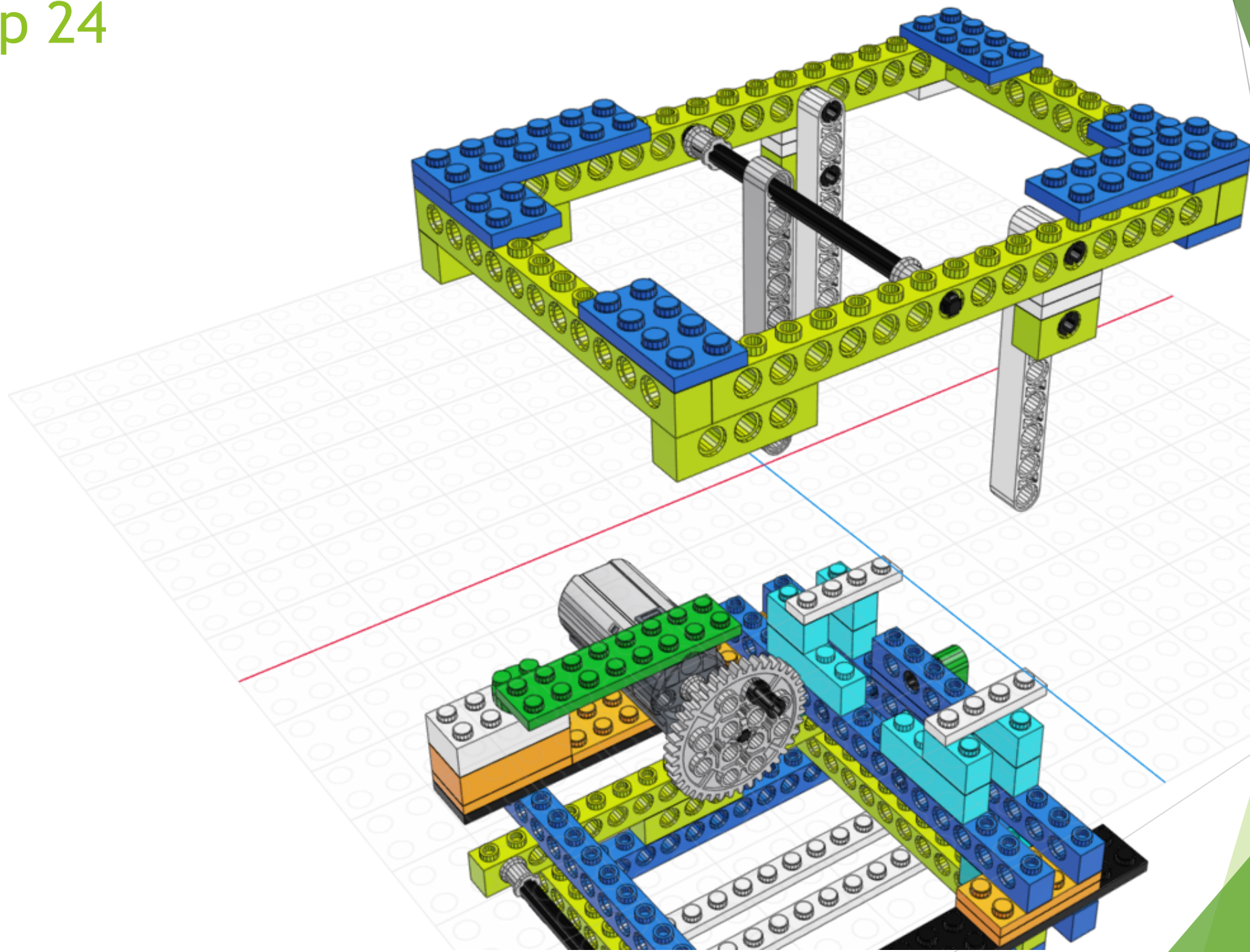
# Step 24



# Step 24

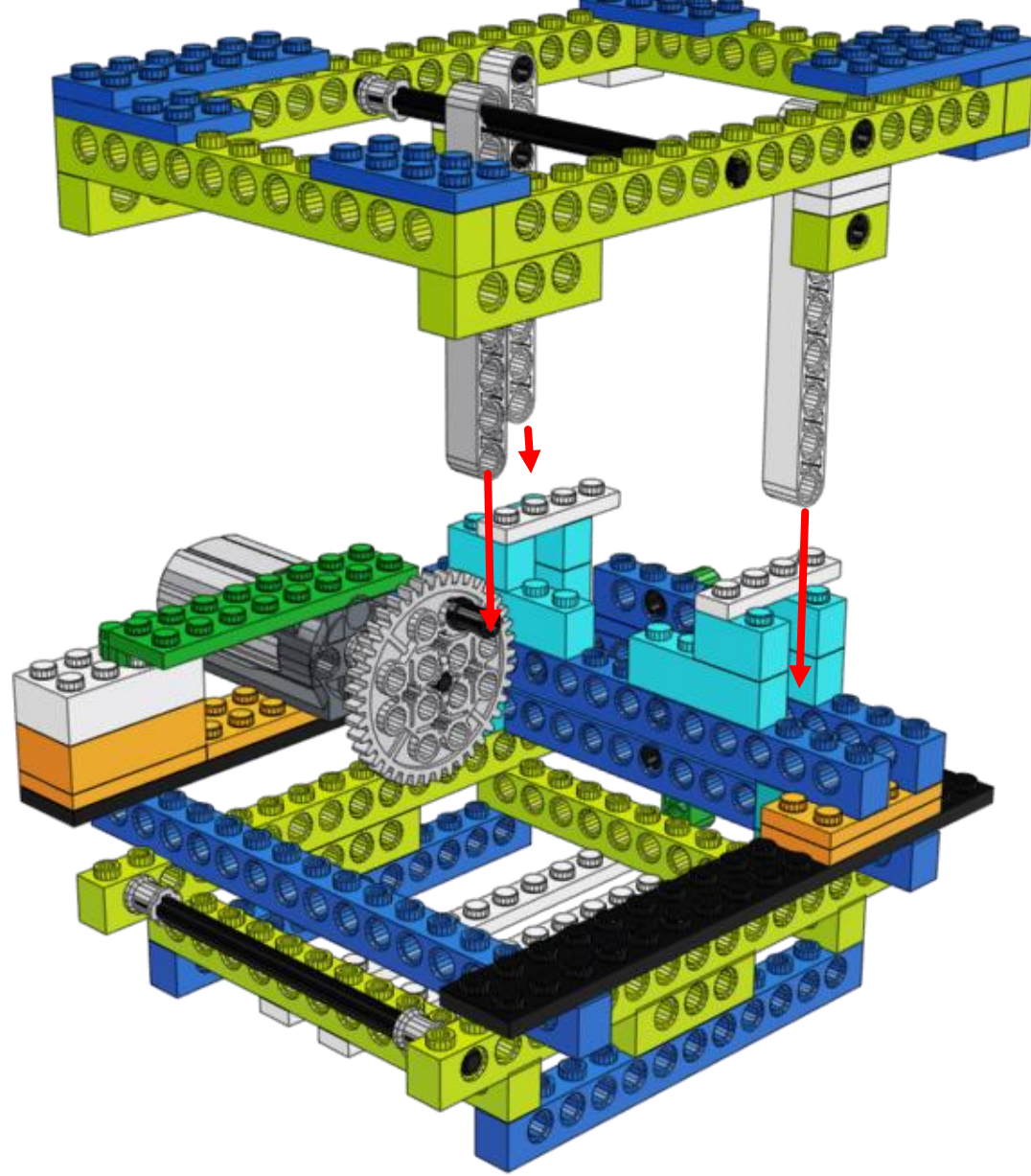


# Step 24

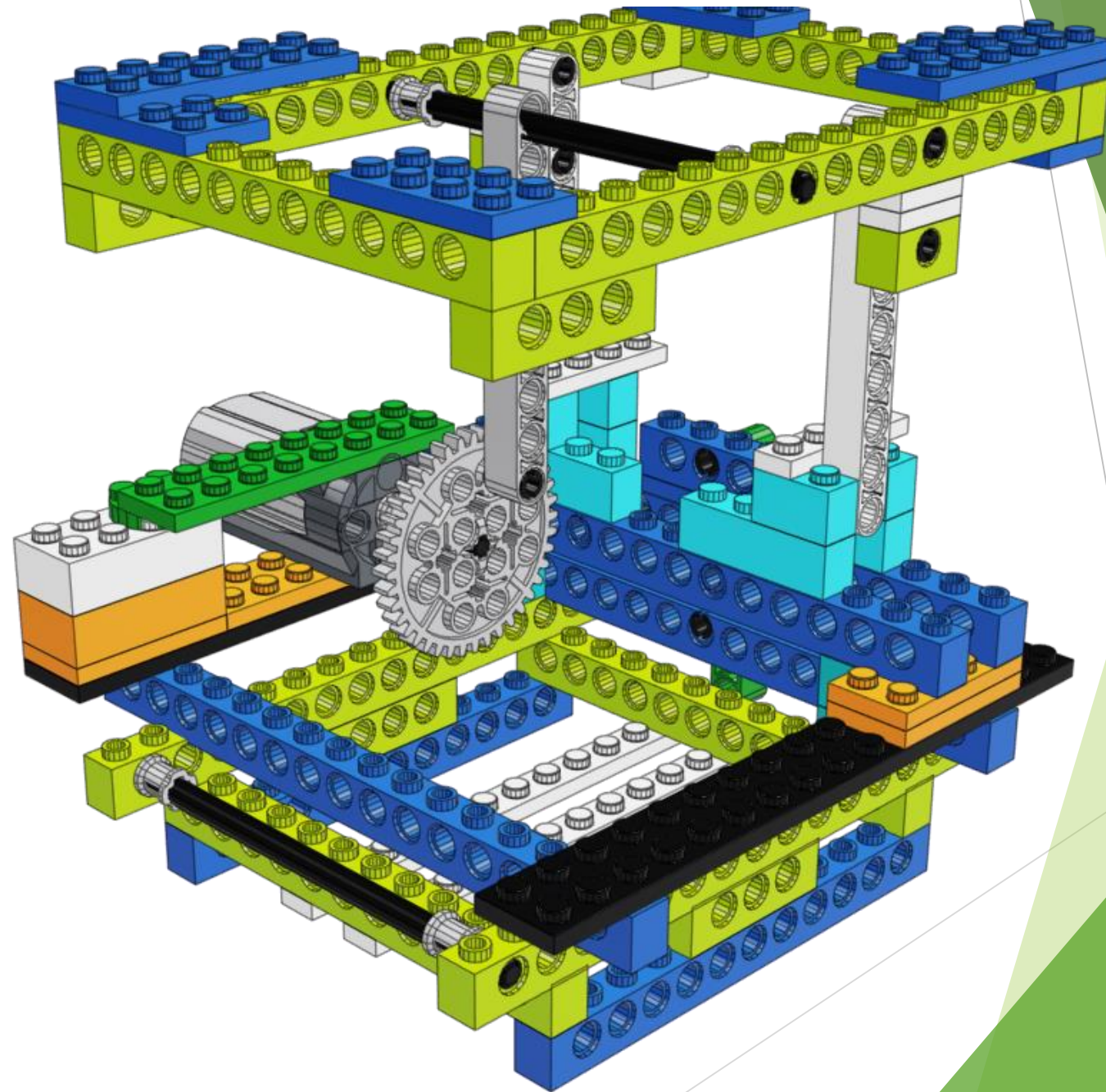




# Step 25



# PART III



# 第四部分

組裝成為兩軸震動台

