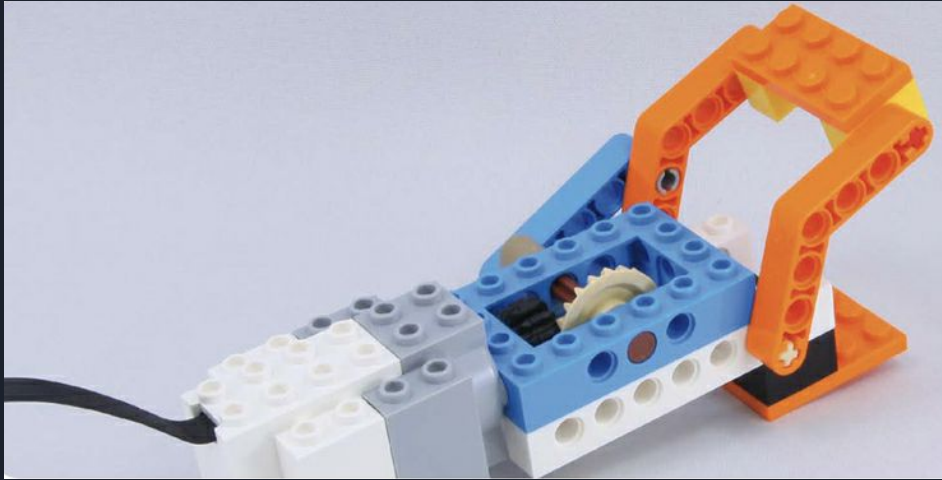




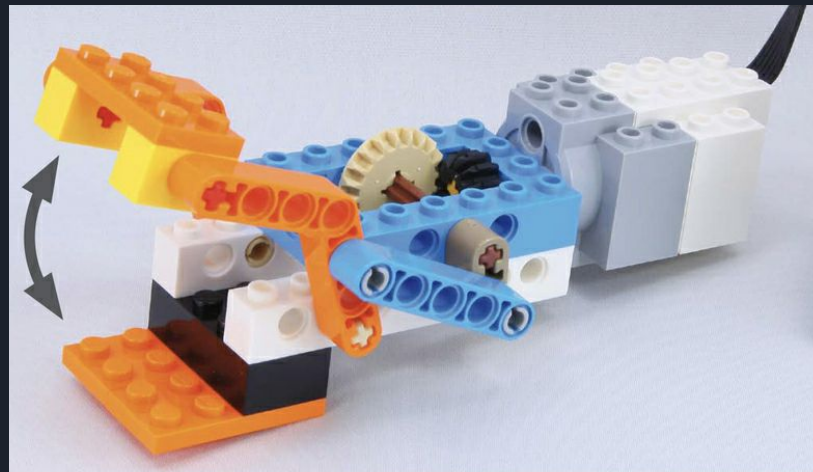
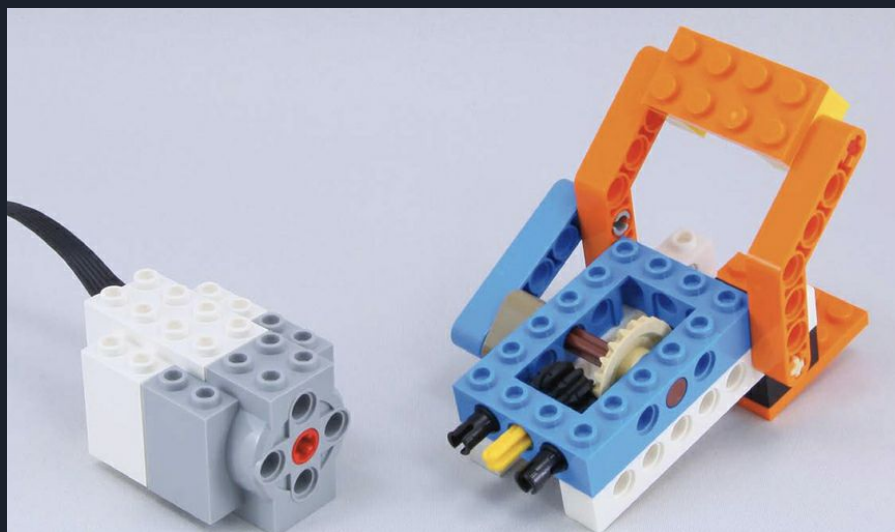
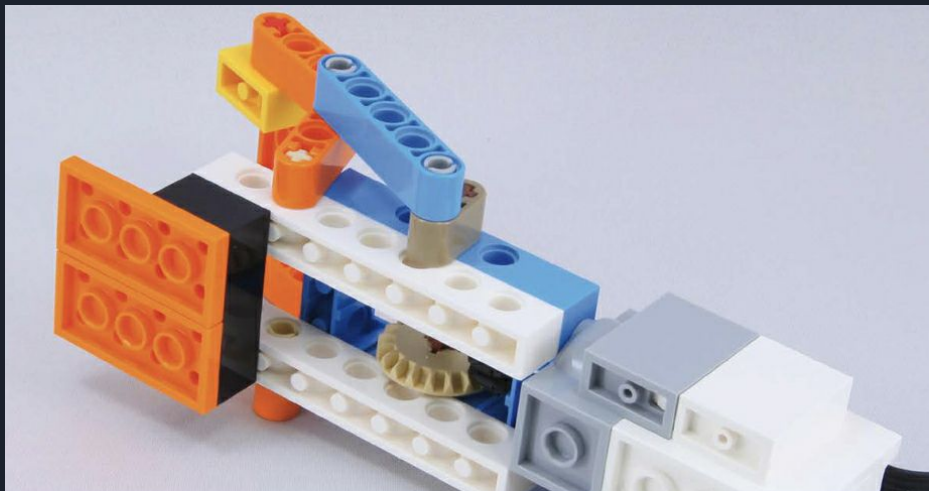
Chomping, Gripping, and Lifting

Other Types of Movement
Part 1

Chomping Bot 1 Building - Part 2



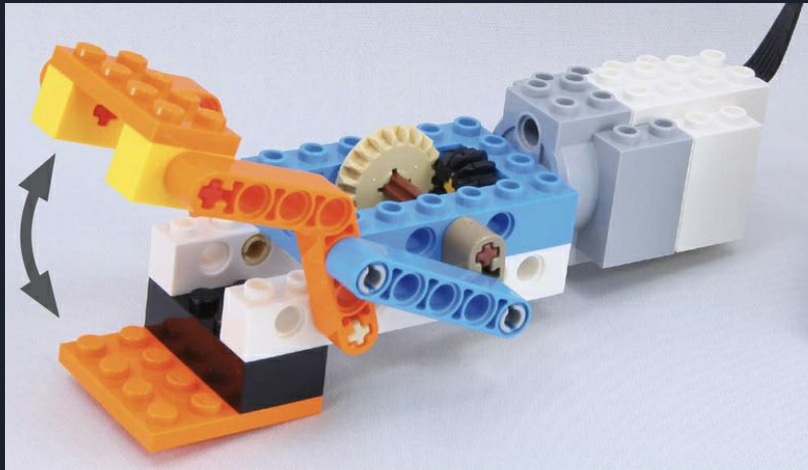
Chomping Bot 1 Building - Part 3




Chomping Bot 1 Programming

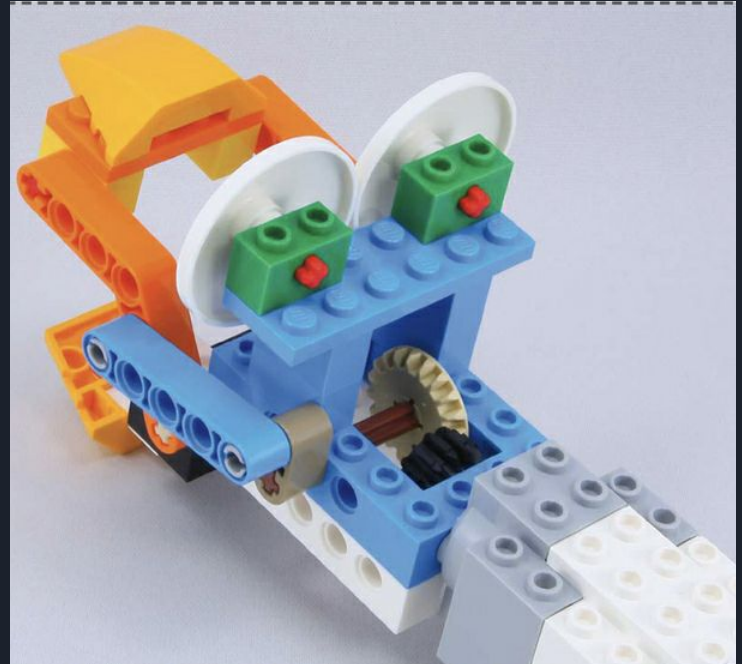
Notice the block that is being used and how you are using it.

This is for basic movement, you can always add loops and other things to this program.



Now it is time to add fun features to your robot. 

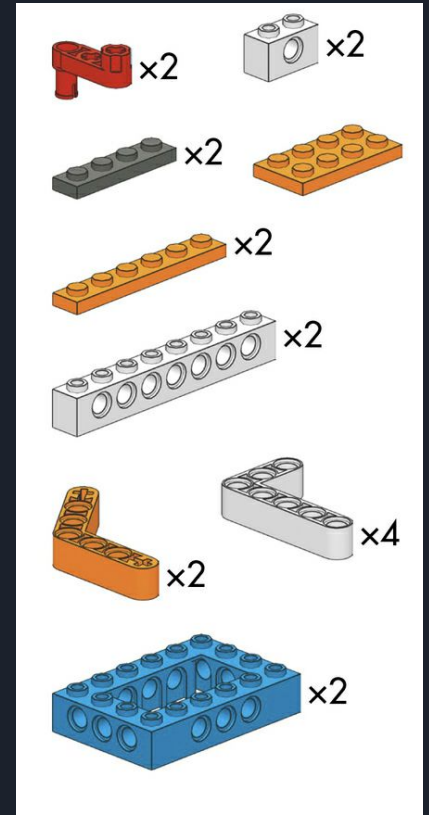
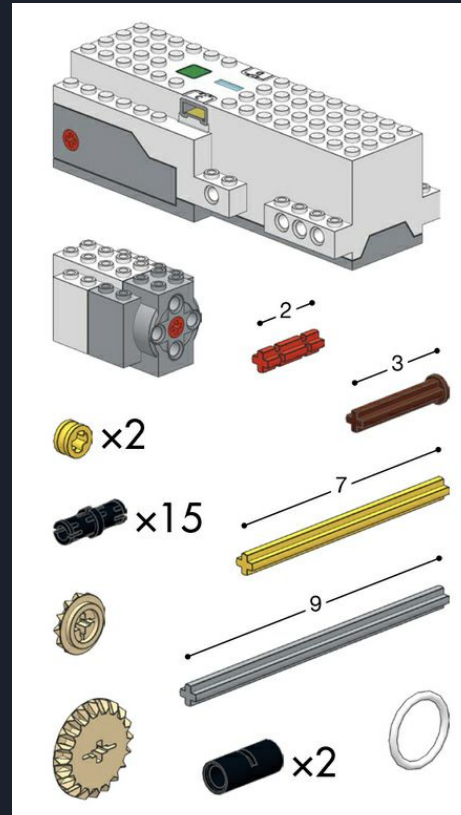
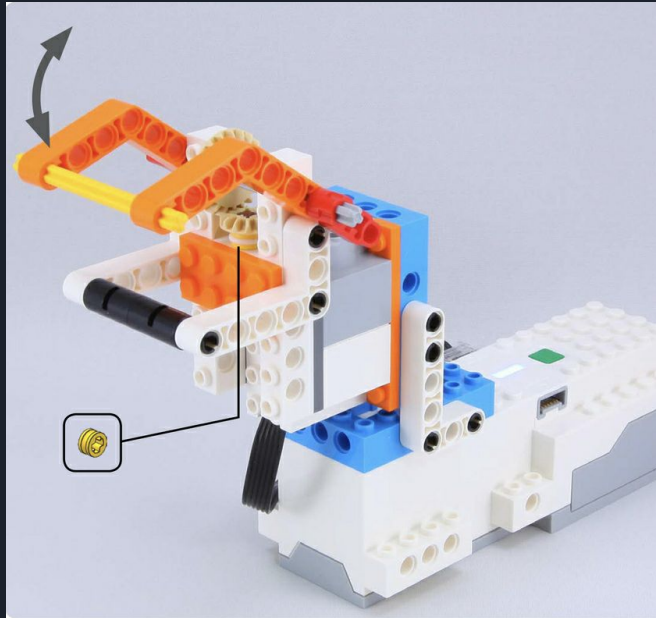
Chomping Bot 1 Customizing



Try this or an idea of your own.

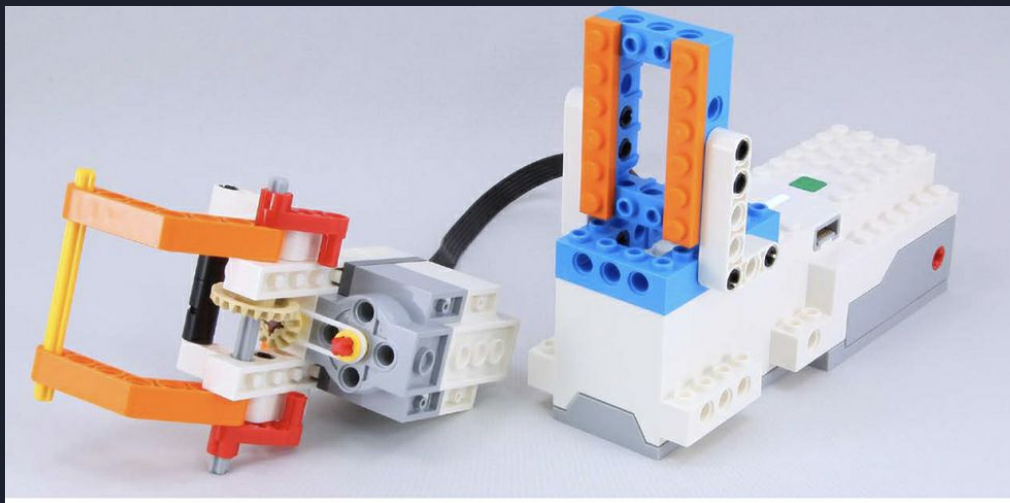
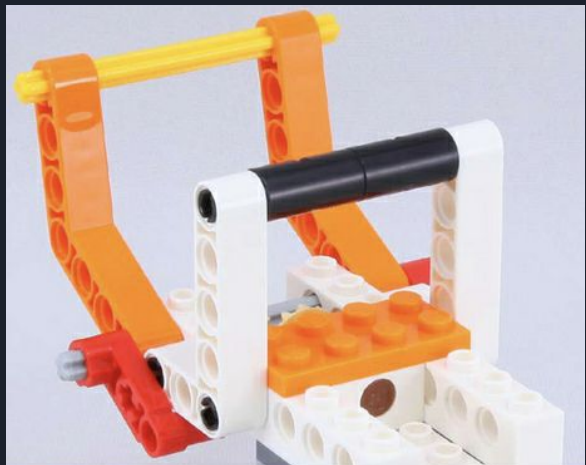
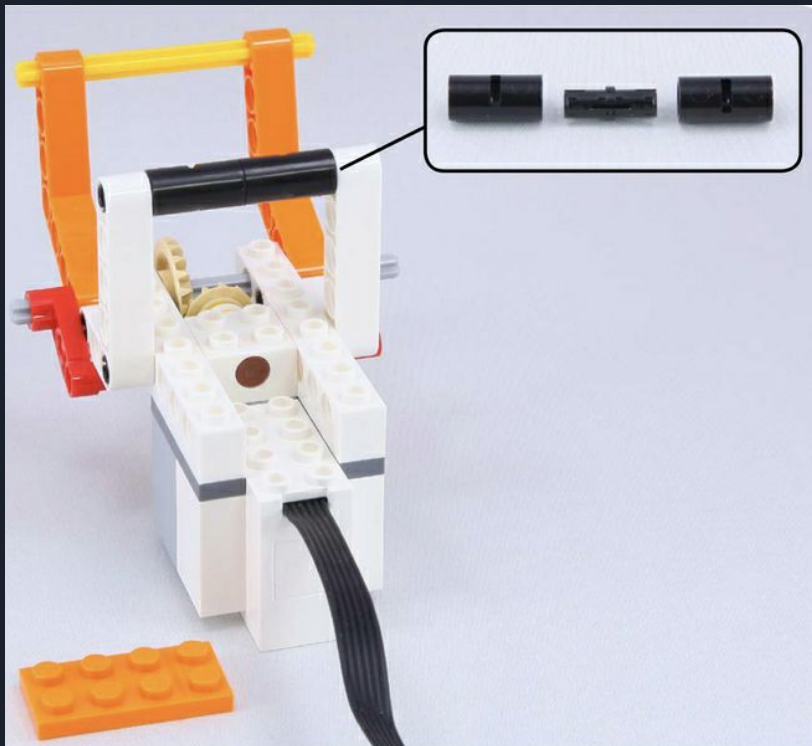
When ready, move on to the next build.

Chomping Bot 2 Building - Part 1

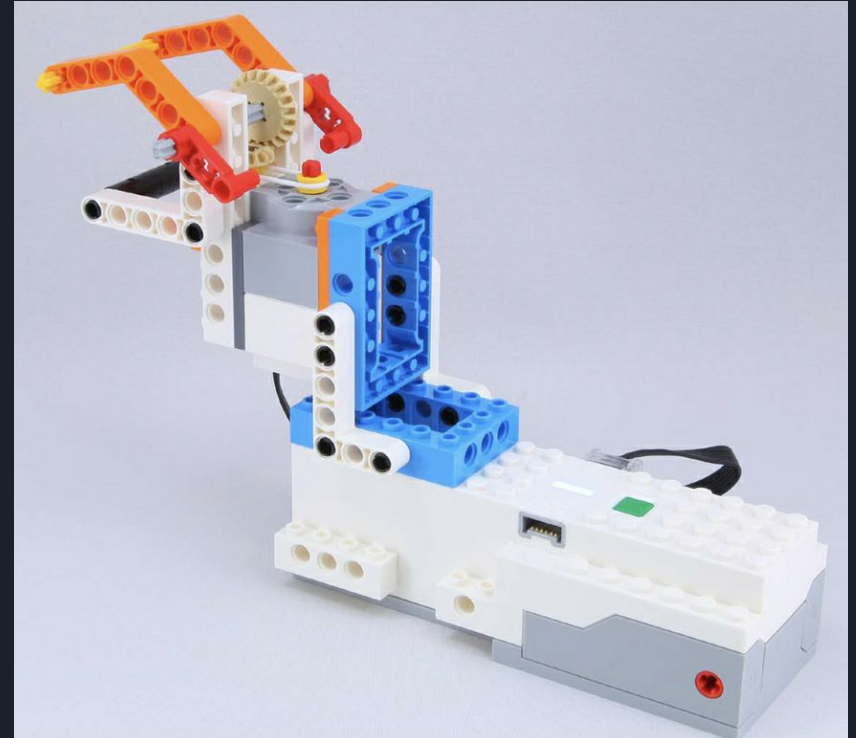
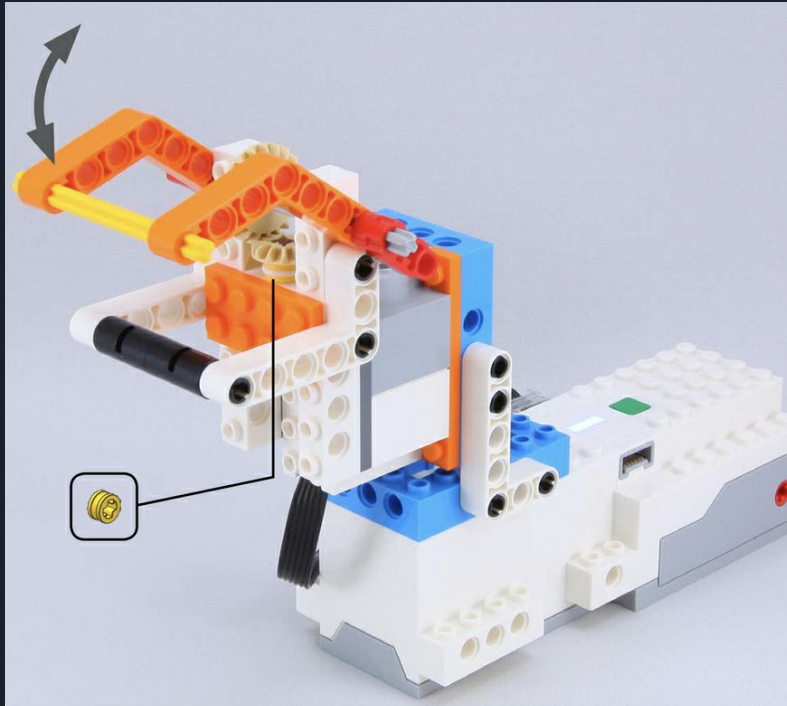


Gather your parts and check out
the next slides for building help.

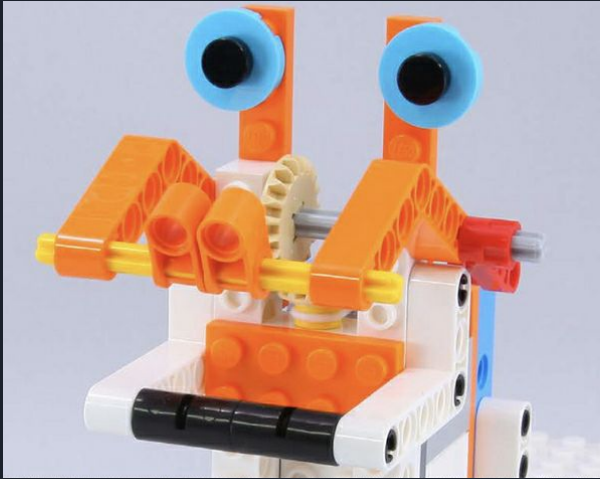
Chomping Bot 2 Building - Part 2



Chomping Bot 2 Building - Part 3



Chomping Bot 2 Programming



Add some fun features to your Chomping Bot.

Try this or an idea of your own.

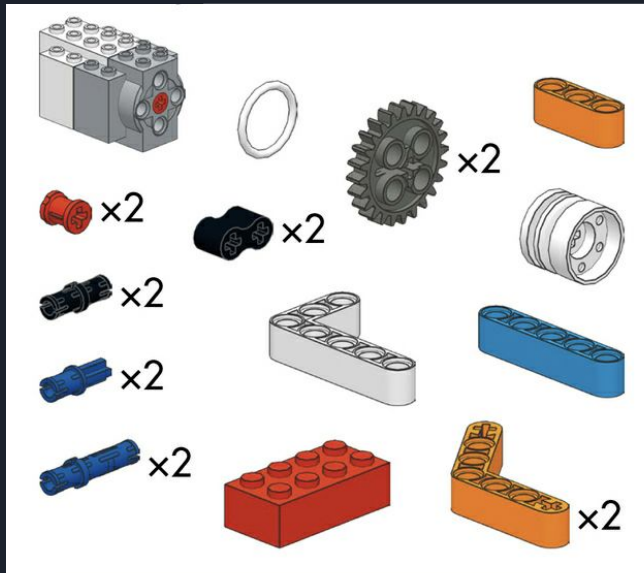
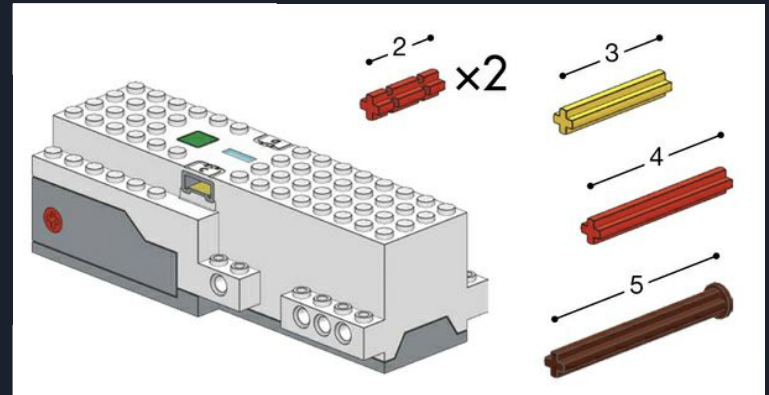
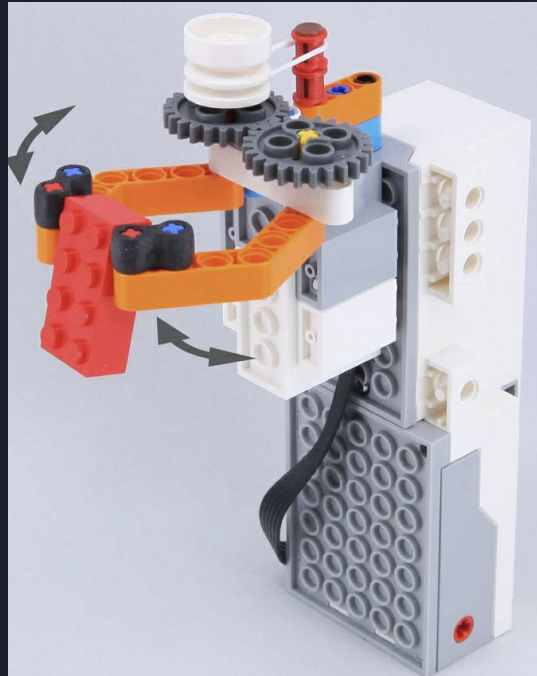
1. How is this program different than the one for Chomping Bot 1?
2. What happens if you change the 50 and -50 to a different number? Try 25 and -25.



When ready, move on
to the next build.

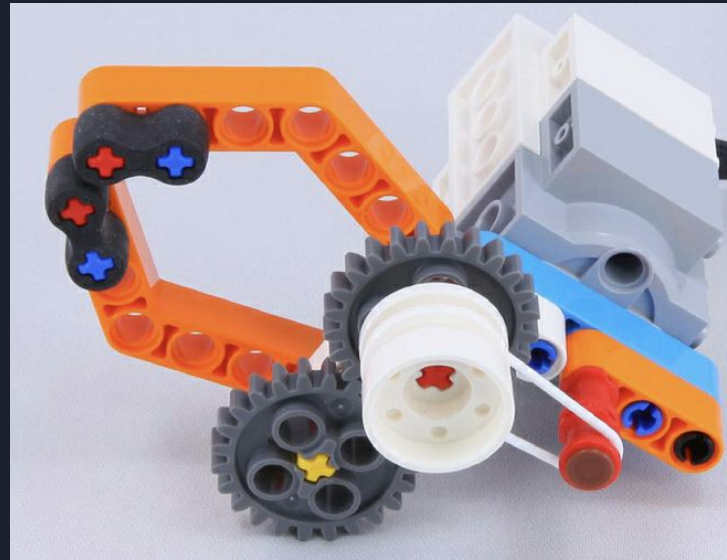
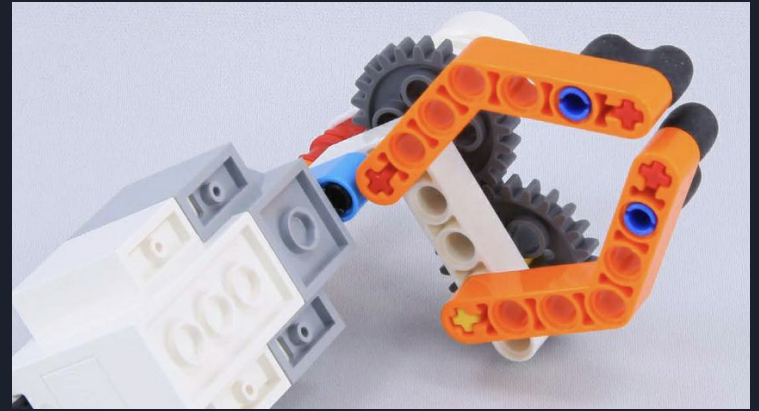


Gripping Fingers 1 Building - Part 1

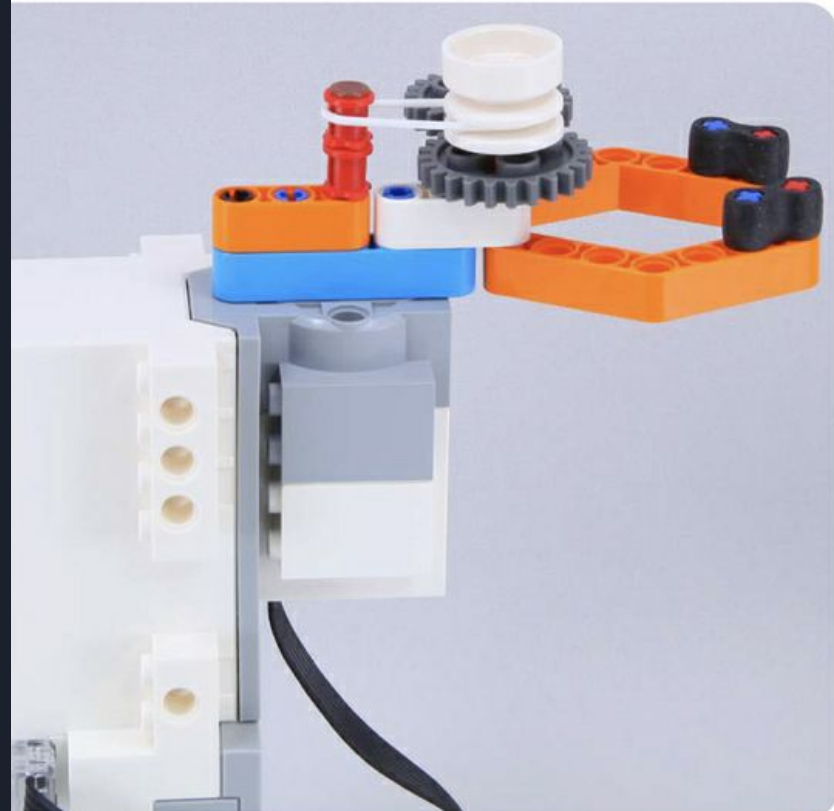
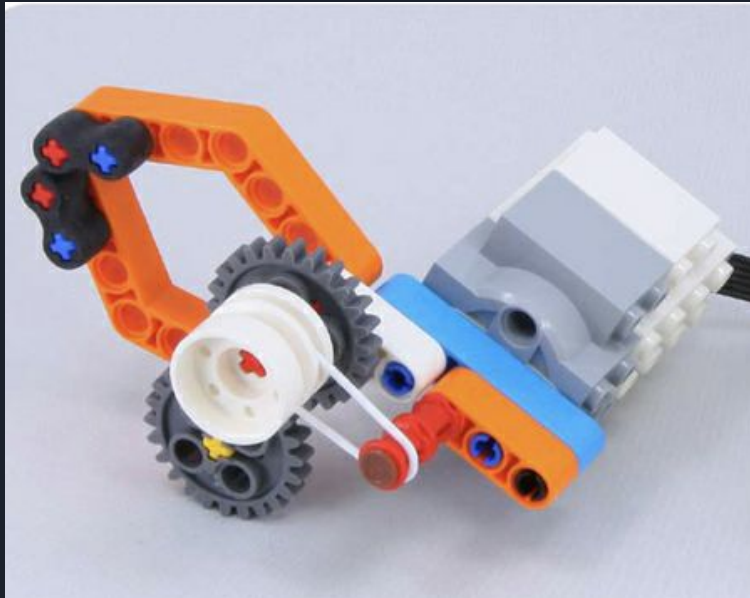


Gather your parts and check out the next slides for building help.

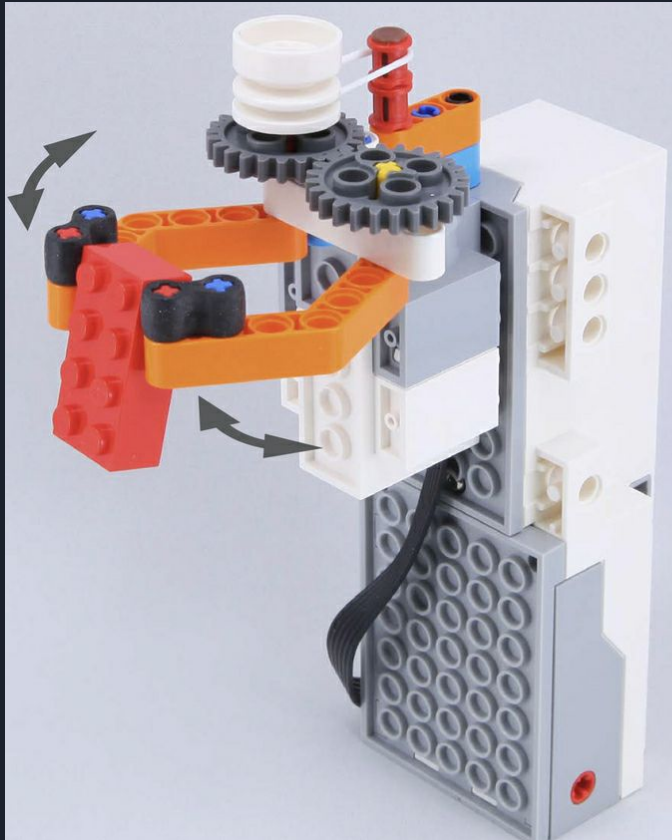
Gripping Fingers 1 Building - Part 2



Gripping Fingers 1 Building - Part 3



Gripping Fingers 1 Programming



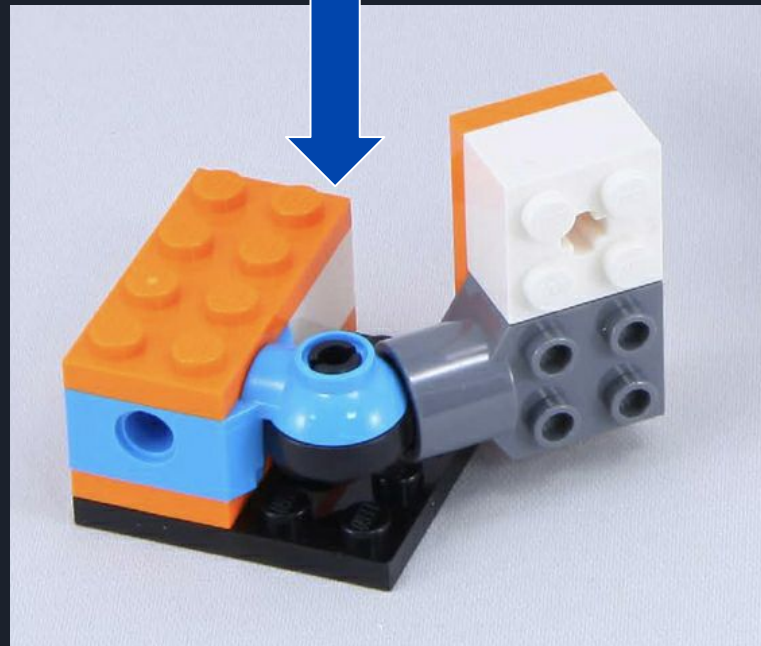
1. Do you notice how this is similar to the program for Chomping Bot 2?
2. Think about why that is.



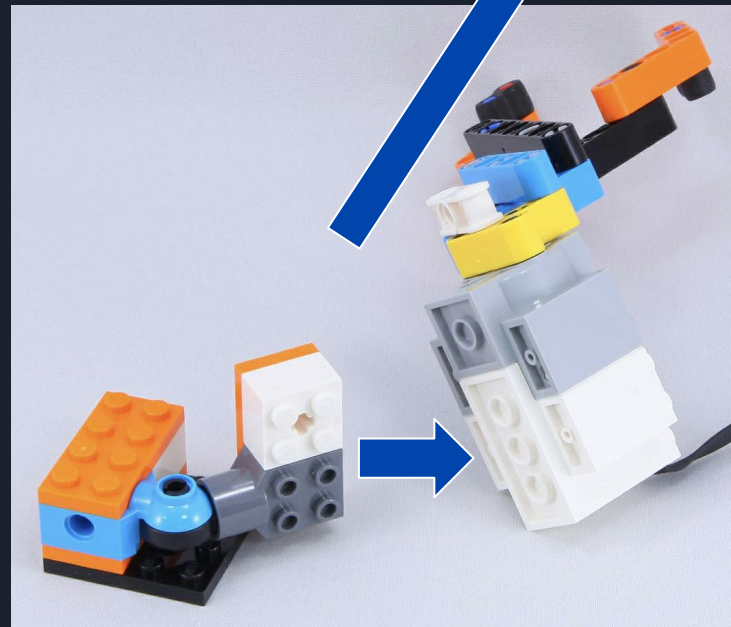
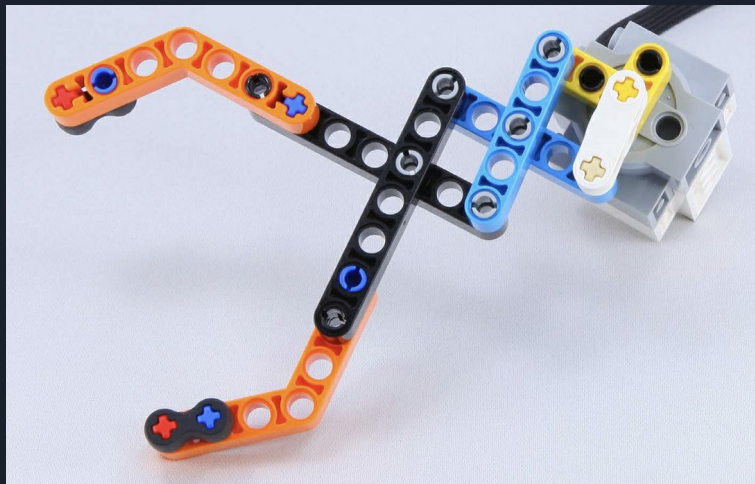
When ready, move on
to the next build.



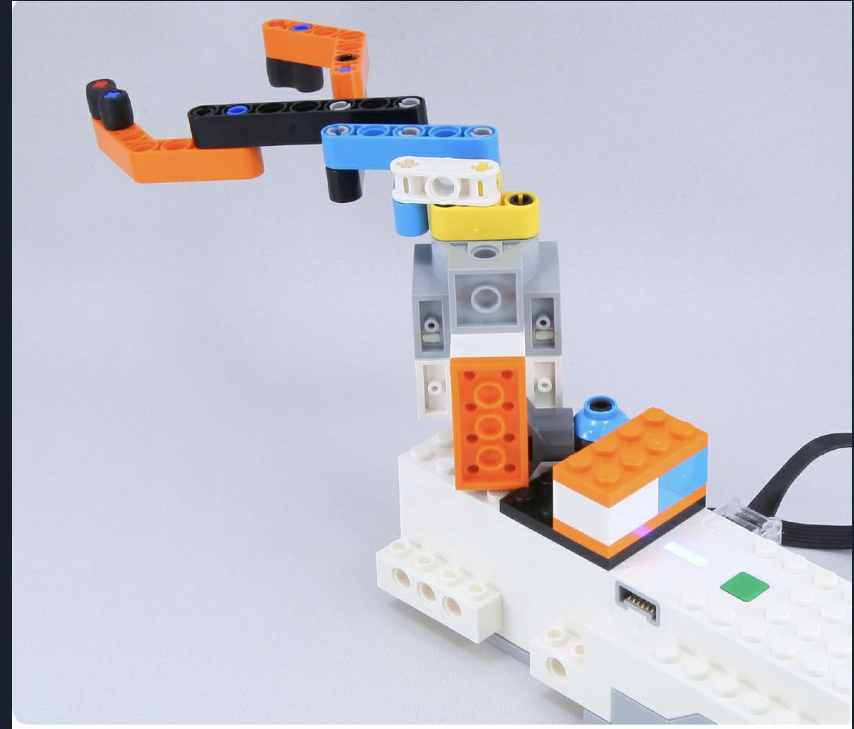
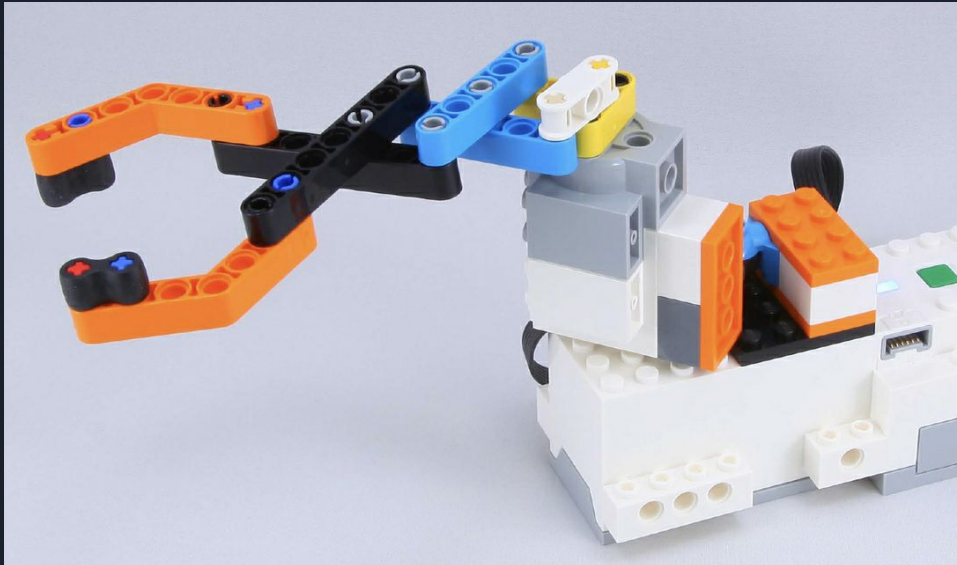
Gripping Fingers 2 Building - Part 2



Gripping Fingers 2 Building - Part 3

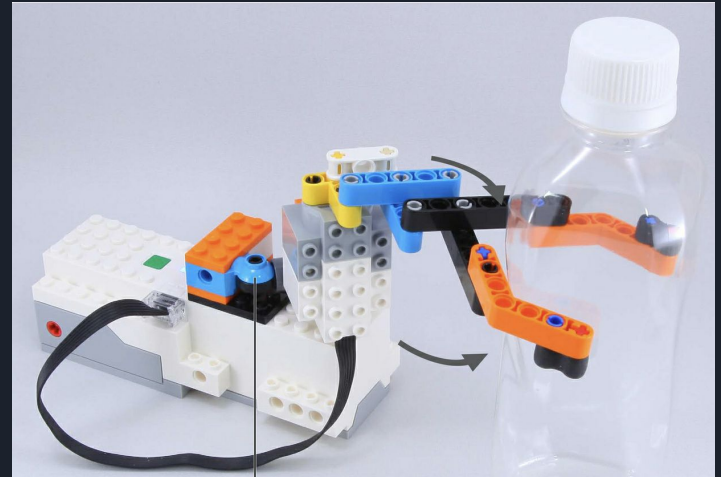


Gripping Fingers 2 Building - Part 4



Gripping Fingers 2 Programming

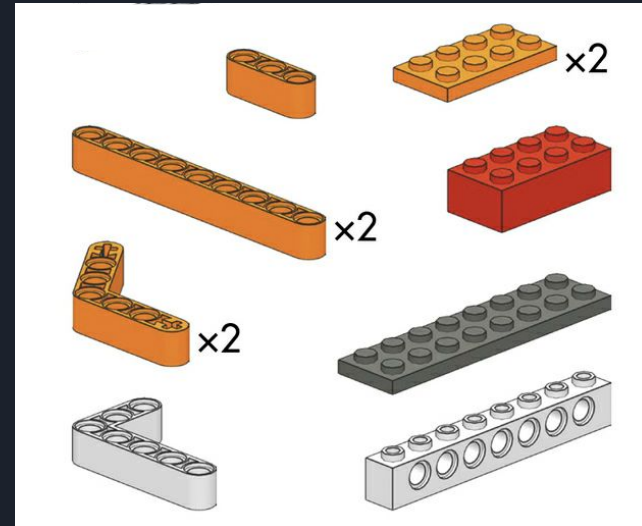
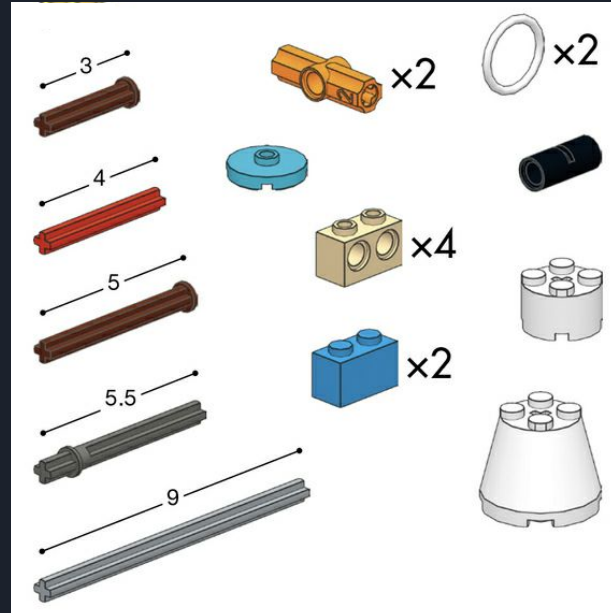
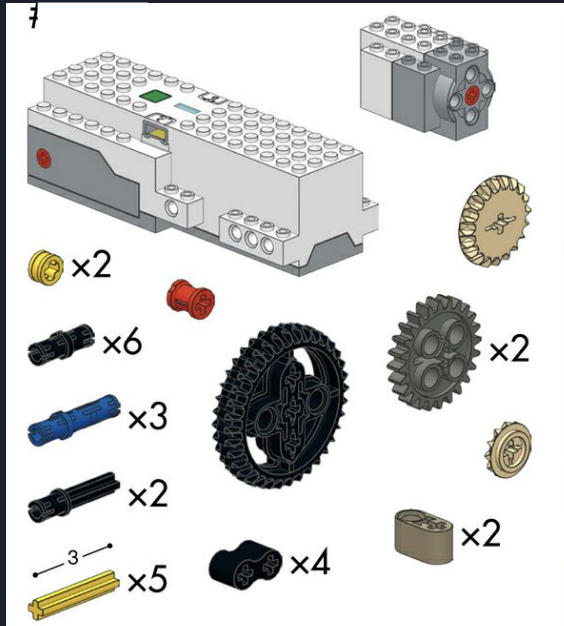
1. This program has one small difference from Gripping Fingers 1.
2. What does that difference change?



When ready, move on
to the next build.



Gripping Fingers 3 Building - Part 1



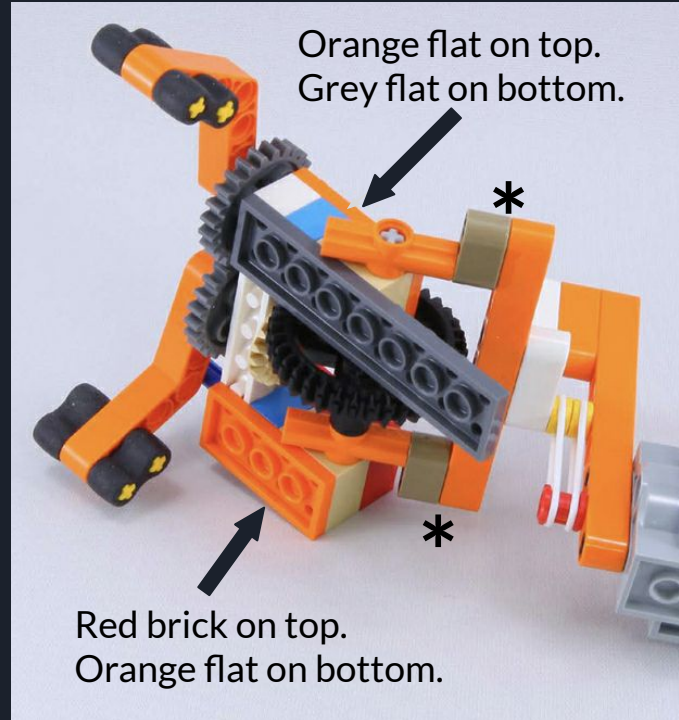
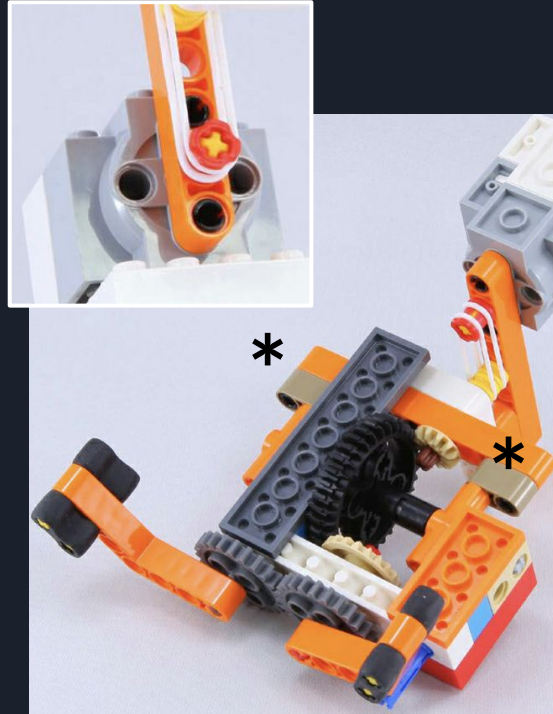
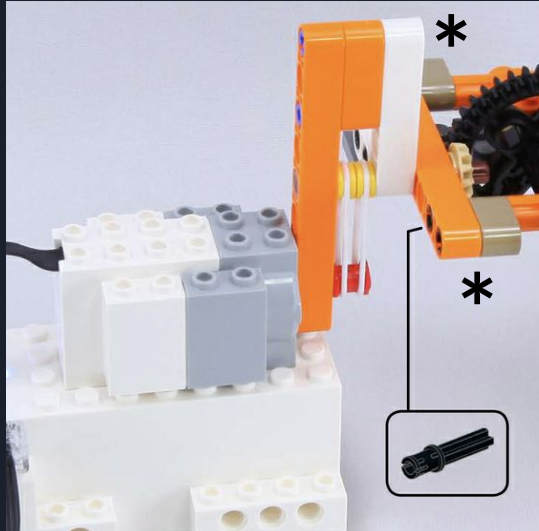
Gather your parts and check out the next slides for building help.

Gripping Fingers 3 Building - Part 2

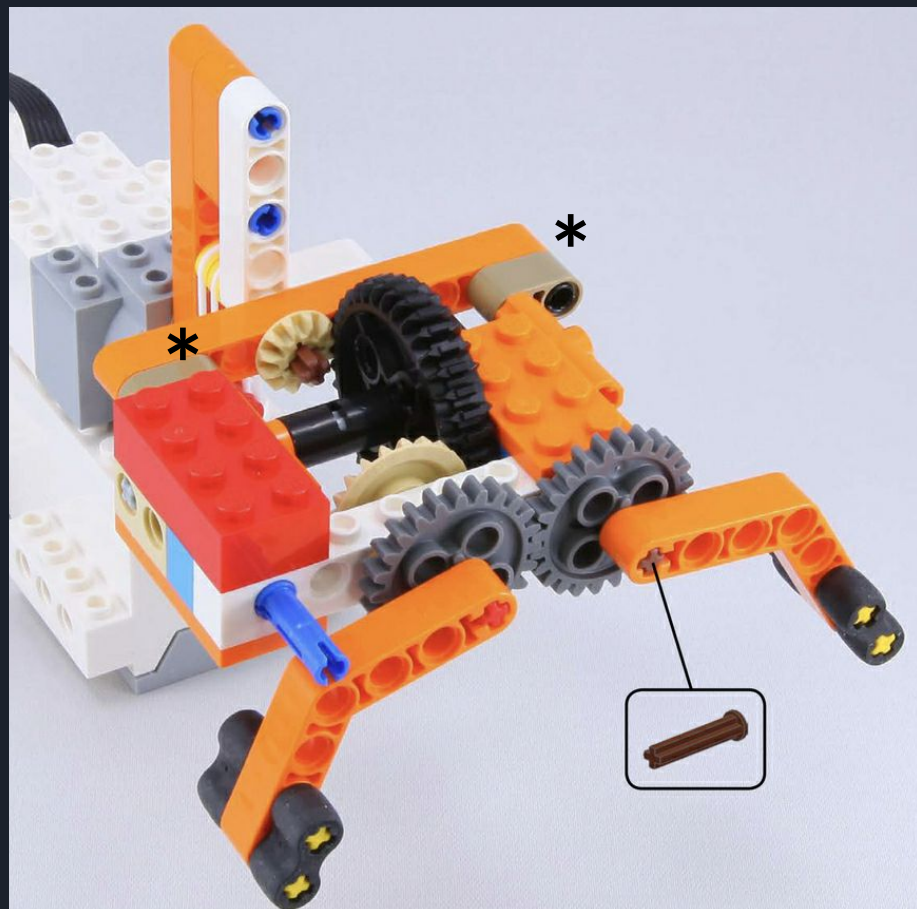
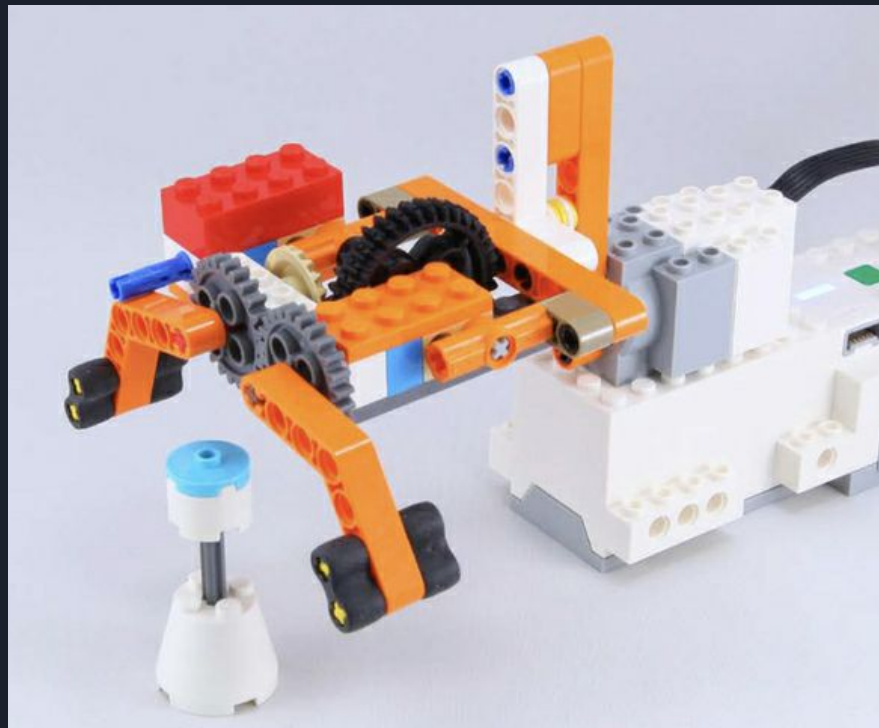
Building Strategy:

These photos are shown at different angles. Use common bricks to help you tell what you are looking at. Note the * on each picture, these are the same bricks.

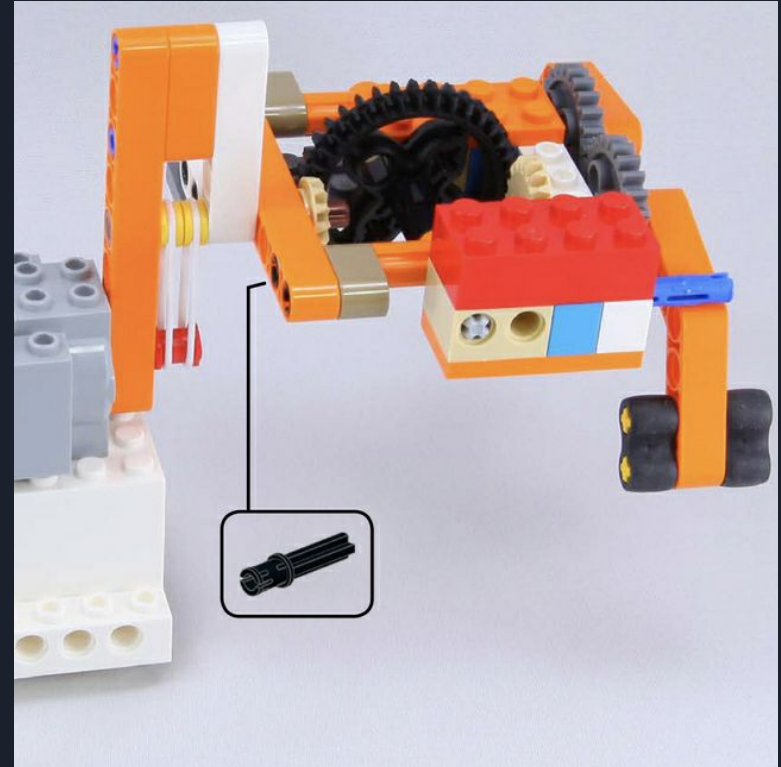
Start at the motor and build out.



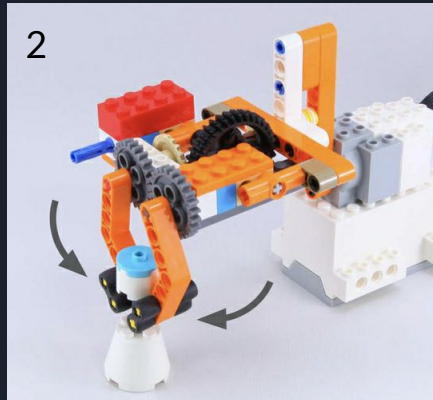
Gripping Fingers 3 Building - Part 3



Gripping Fingers 3 Building - Part 4



Gripping Fingers 3 Programming



1. Try each of these sequences.
2. What does each do?
3. How would you use this code?
Would you change it or leave it the same?



More lifting will come next.

Keep Exploring!

