Drawing with a Pen
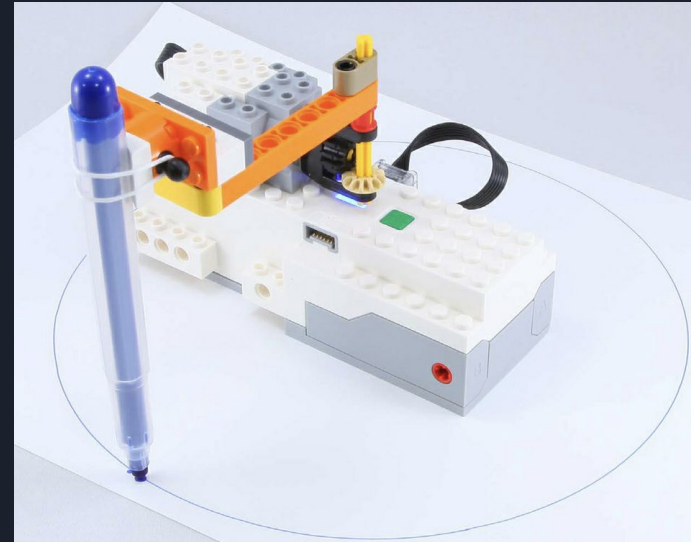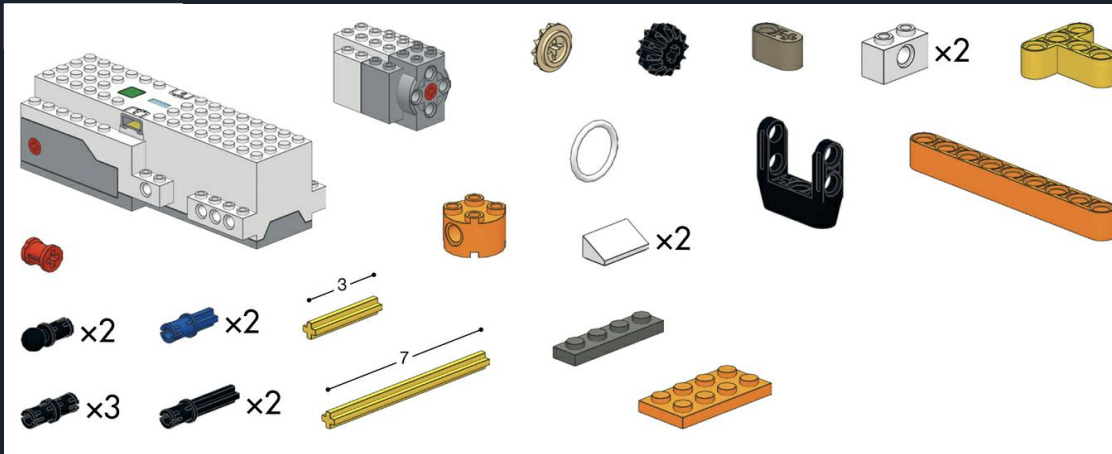
Drawing with a Pen 1
Building - Part 1

Drawing with a Pen 1 Building - Part 2

Drawing with a Pen 1
Building - Part 3

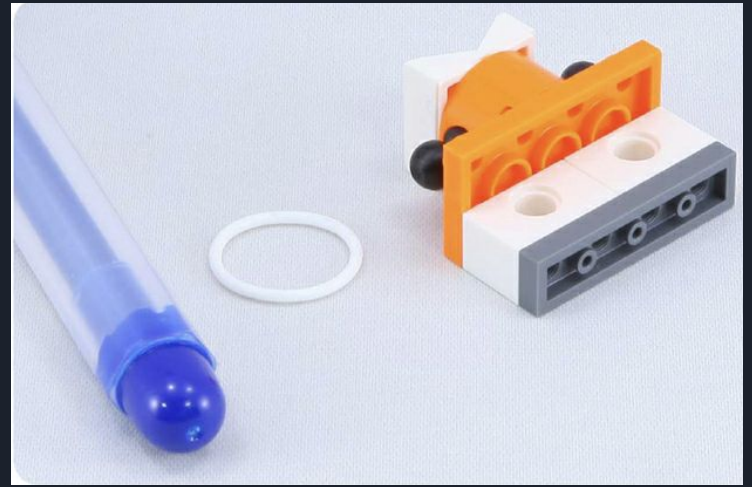# Drawing with a Pen 1 Programming

When ready, move on to the next build.

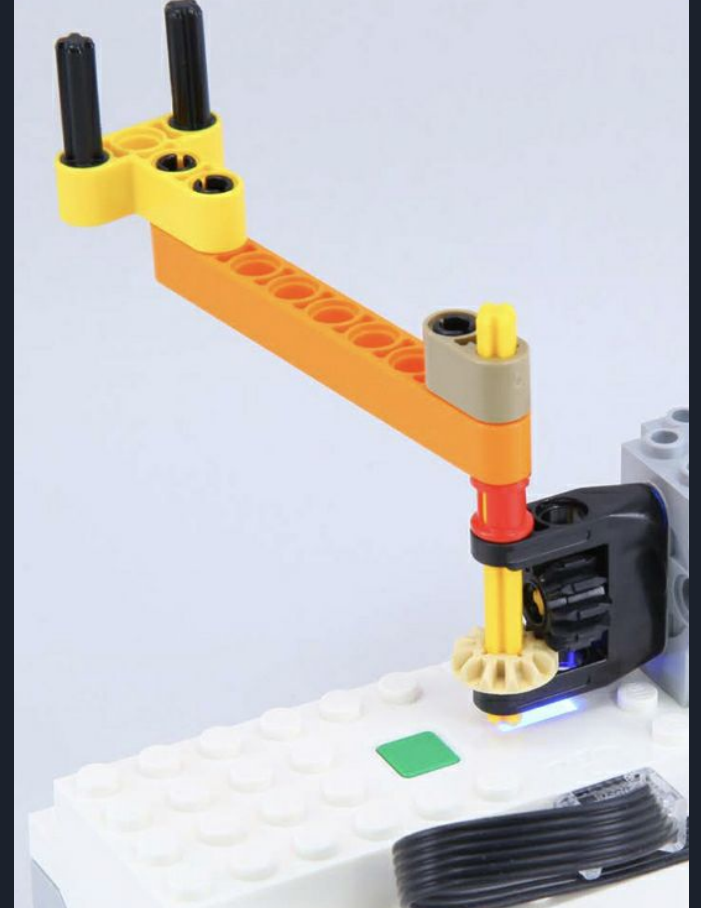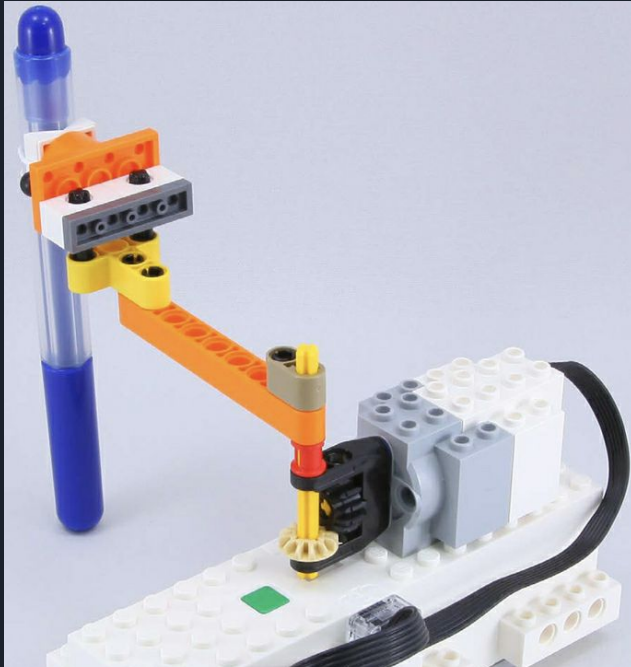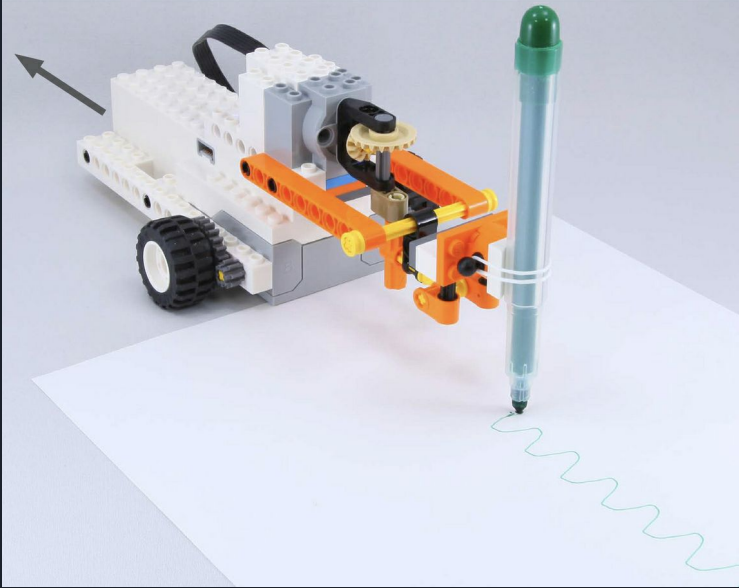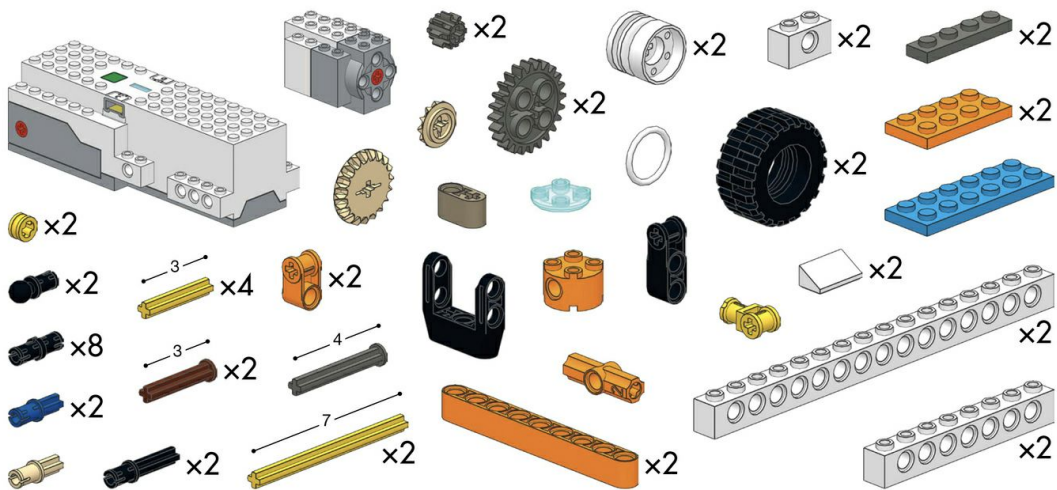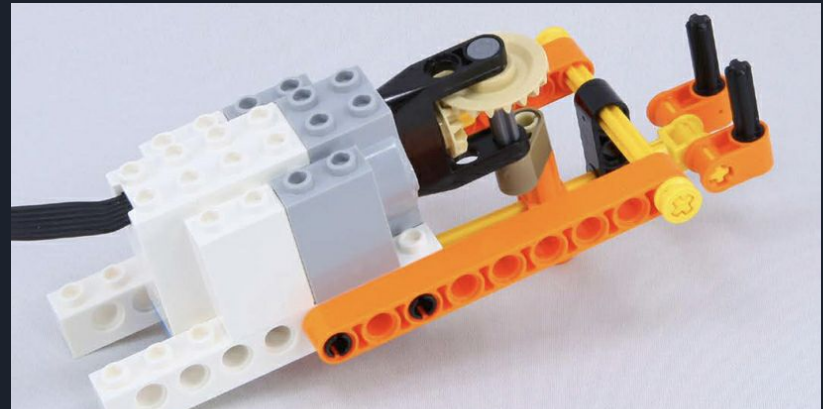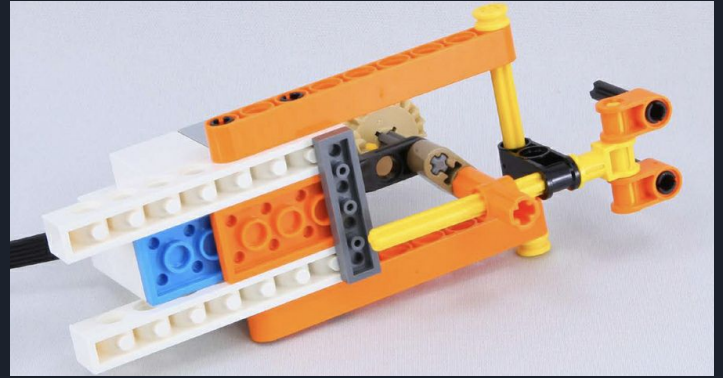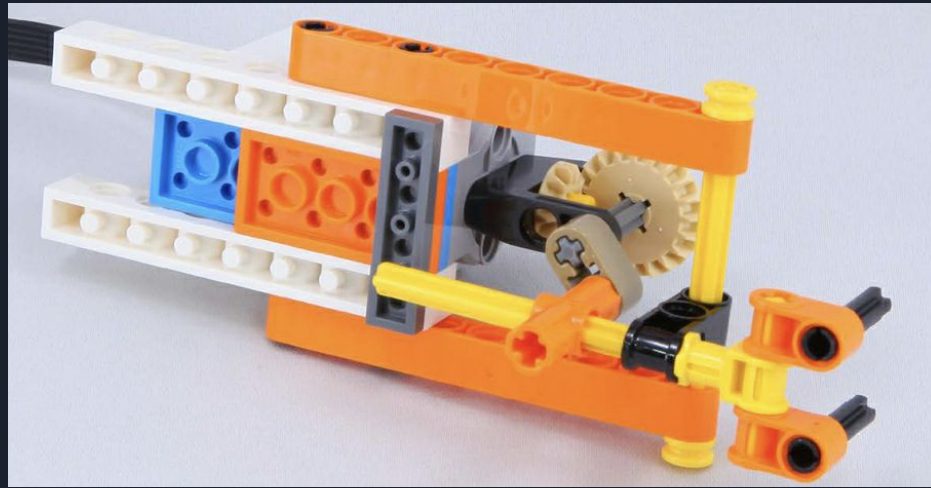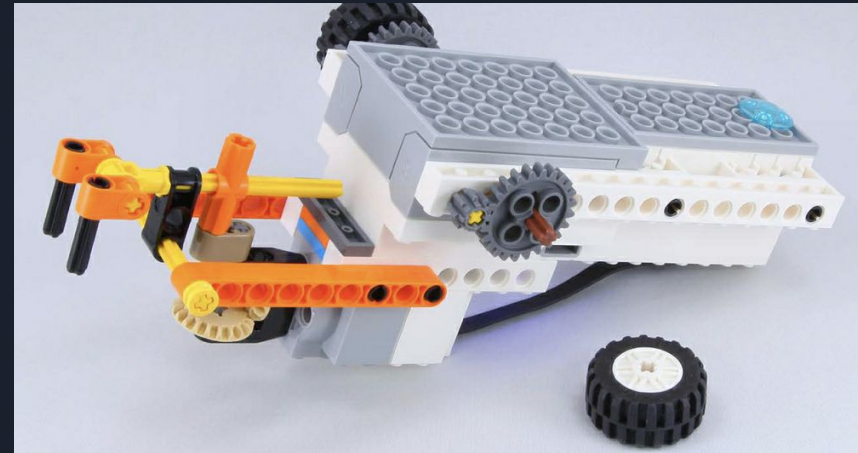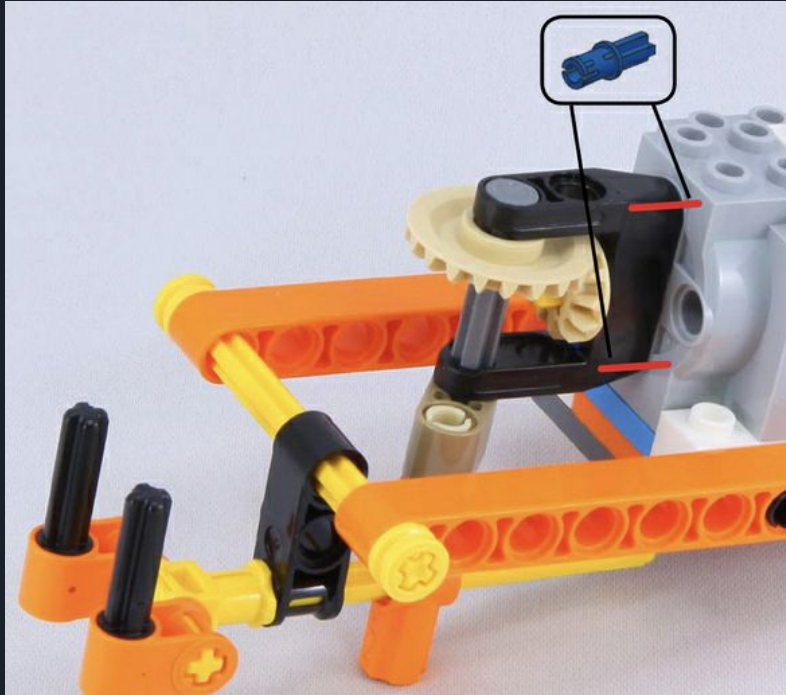# Drawing with a Pen 2 Building - Part 1
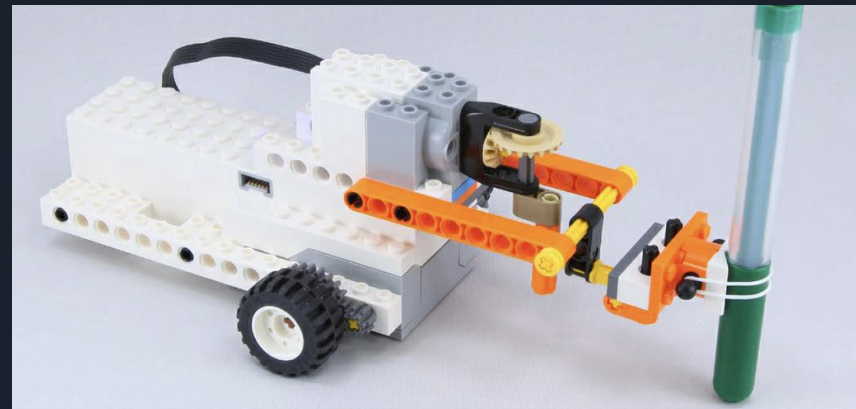

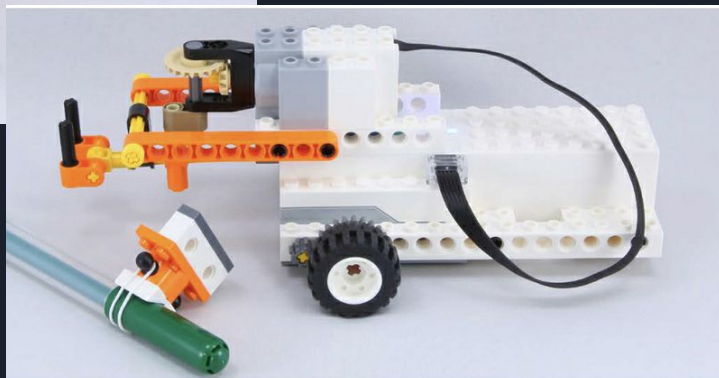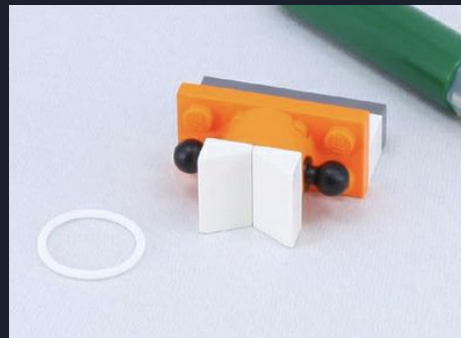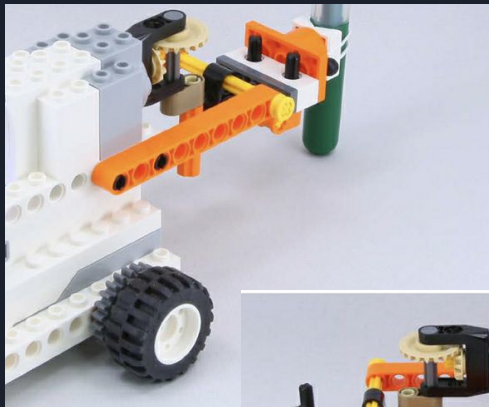

Gather your parts and check out the next slides for building help.

Drawing with a Pen 2 Building - Part 2

Drawing with a Pen 2 Building - Part 3

Drawing with a Pen 2
Building - Part 4

Drawing with a Pen 2 Programming

When ready, move on to the next build.

Drawing with a Pen 3 Building - Part 1
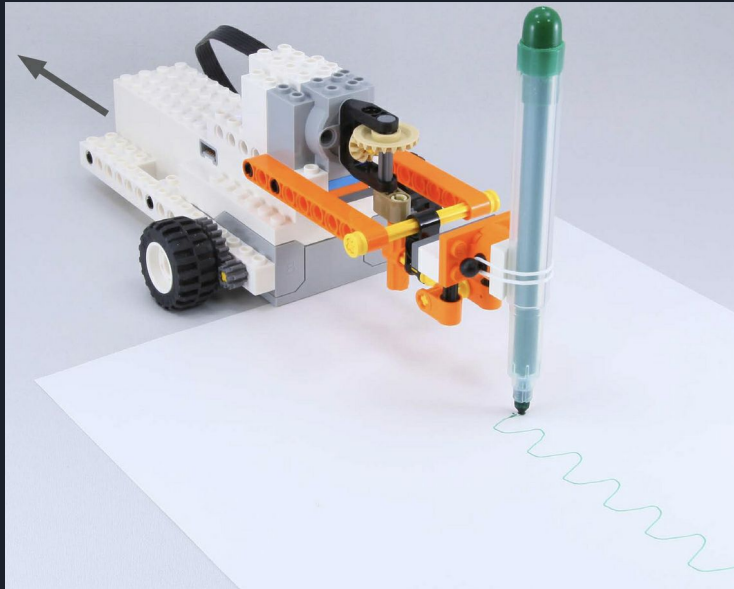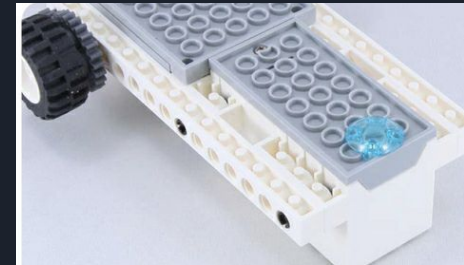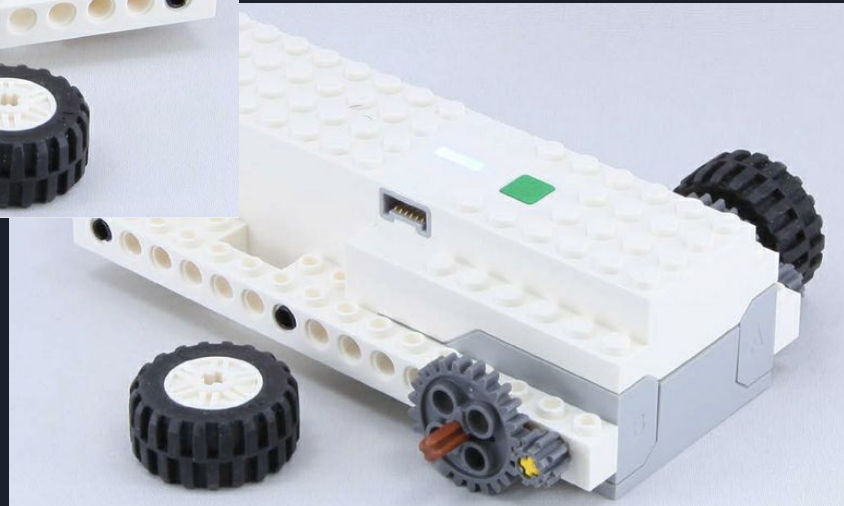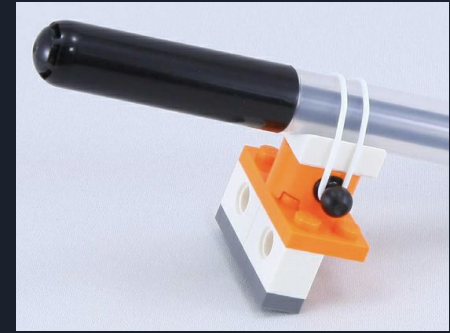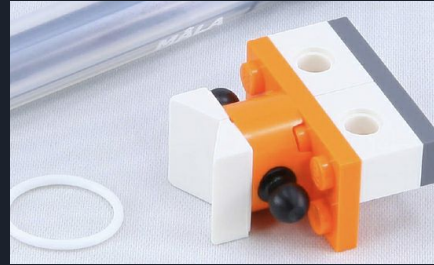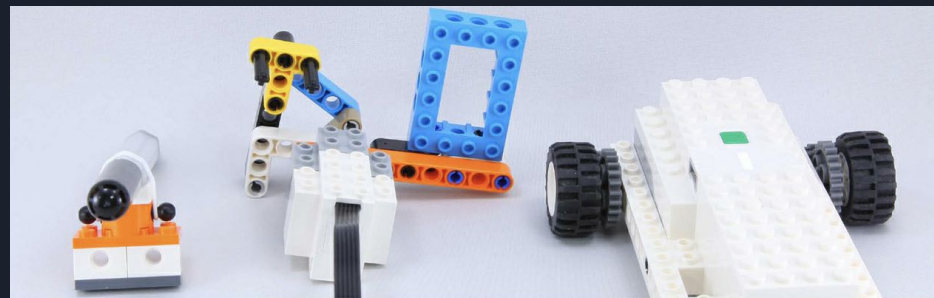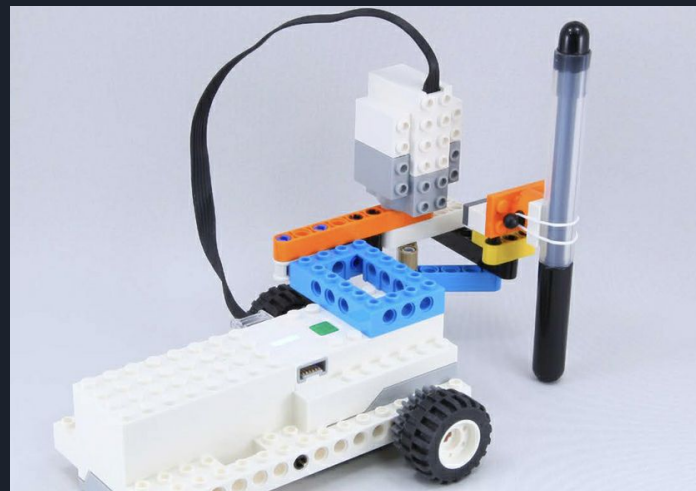
Drawing with a Pen 3
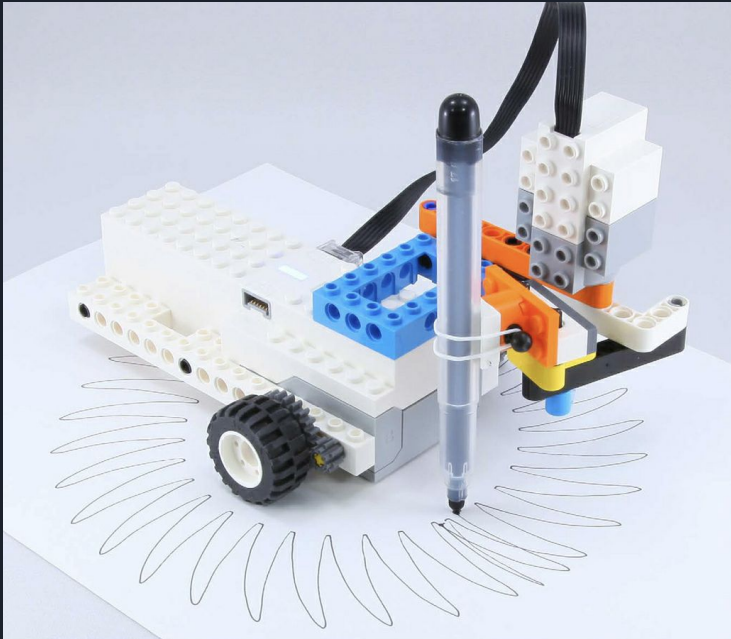# Building - Part 2

Drawing with a Pen 3
Building - Part 3

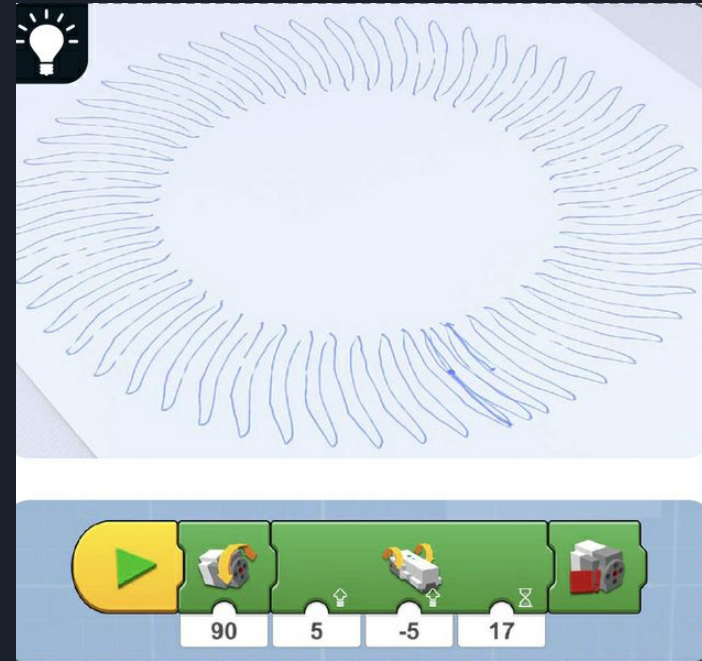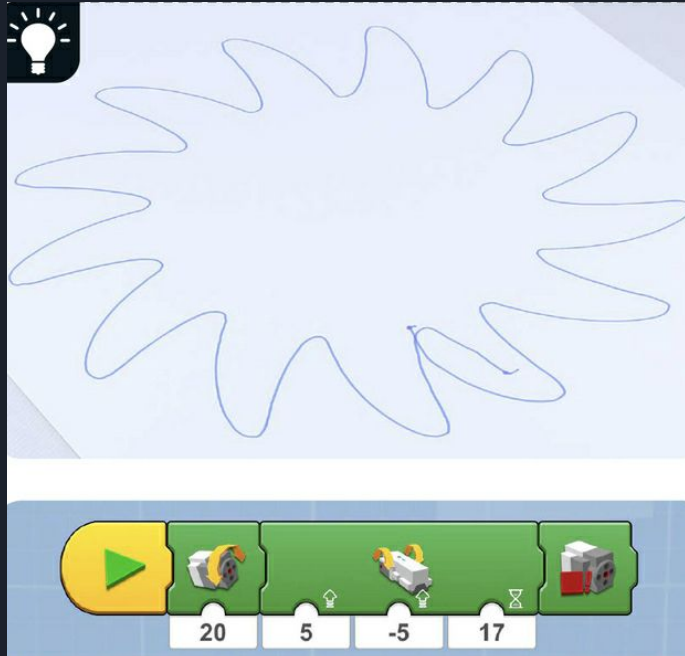# Drawing with a Pen 3 Building - Part 4

Drawing with a Pen 3 Programming

Now it is time to modify the program..
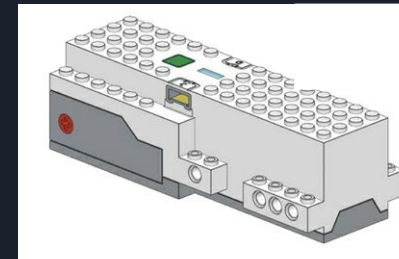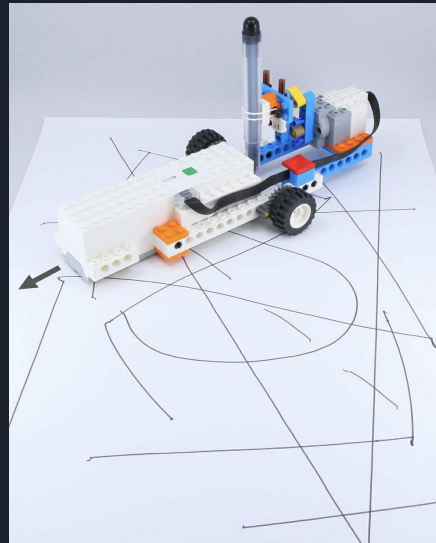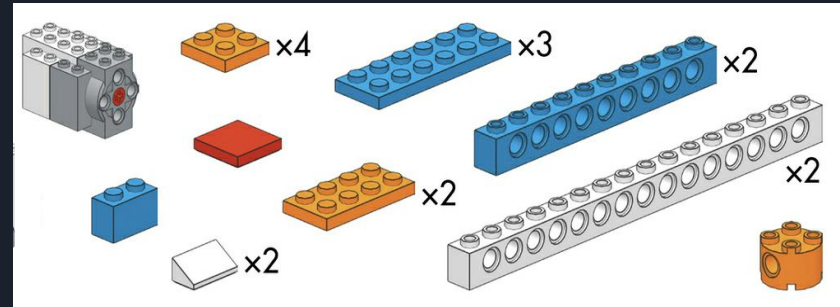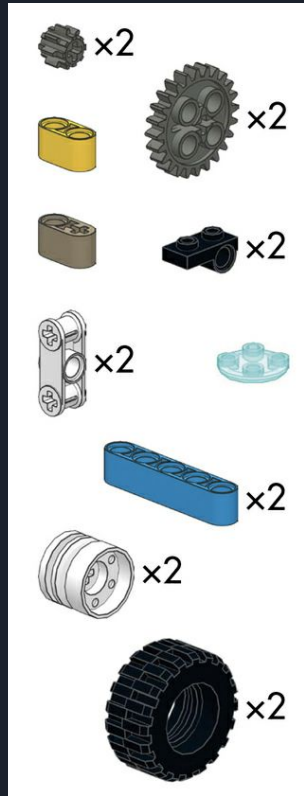
Drawing with a Pen 3 Customizing
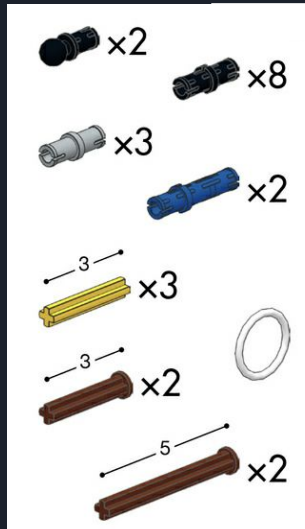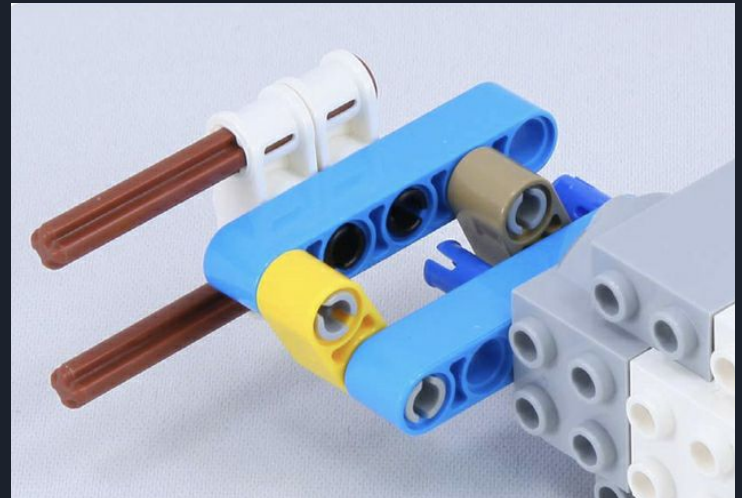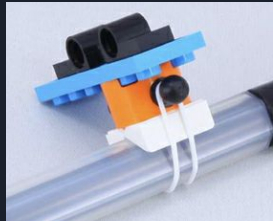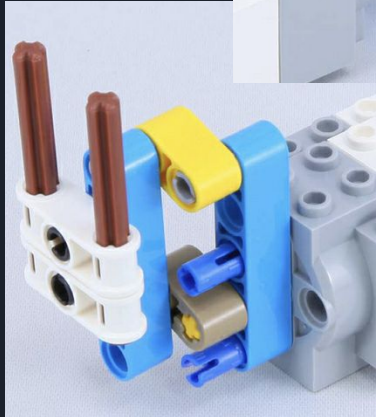

Try this or an idea of your own.

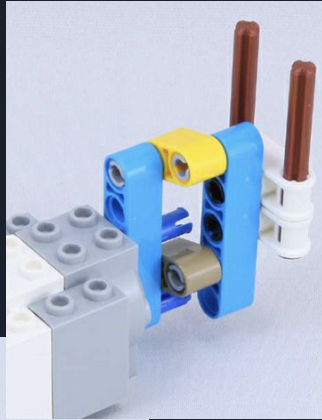When ready, move on to the next build.

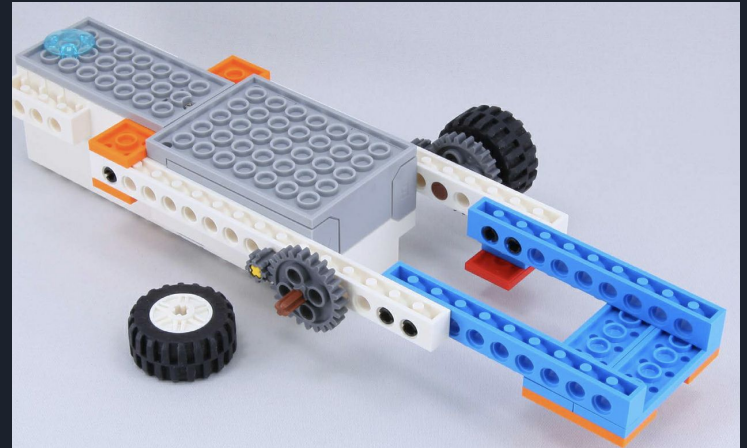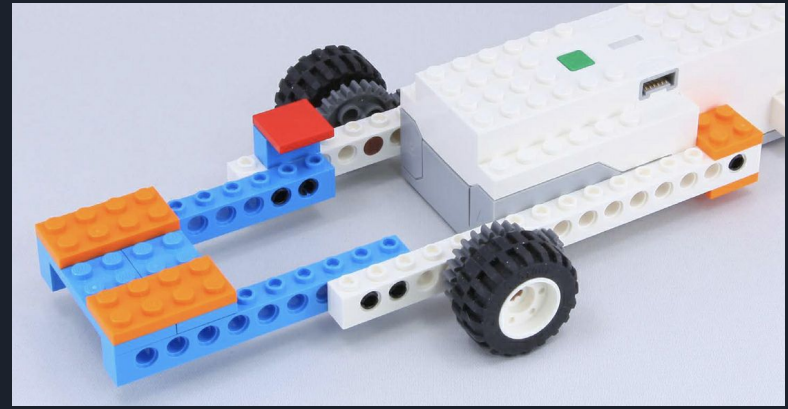# Drawing with a Pen 4 Building - Part 1

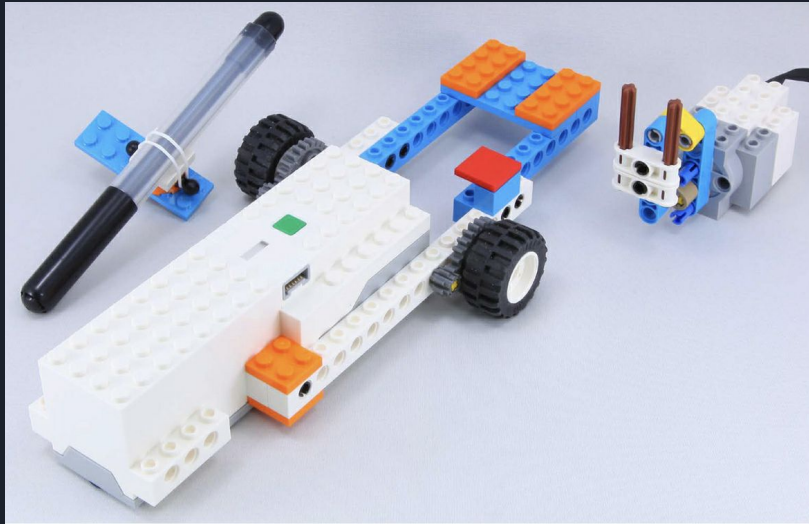

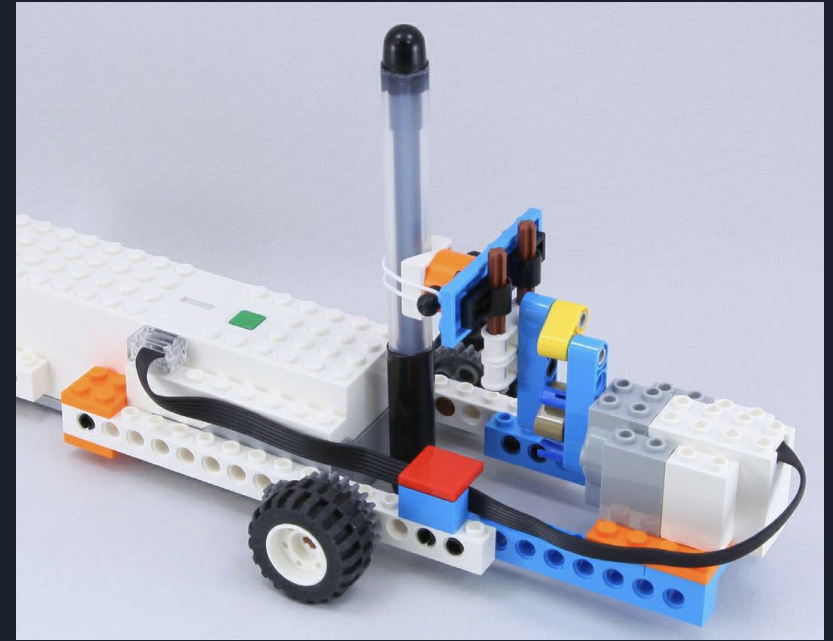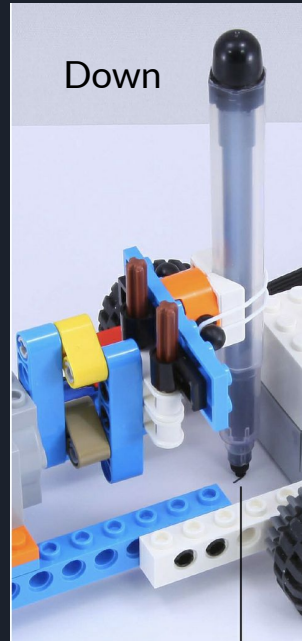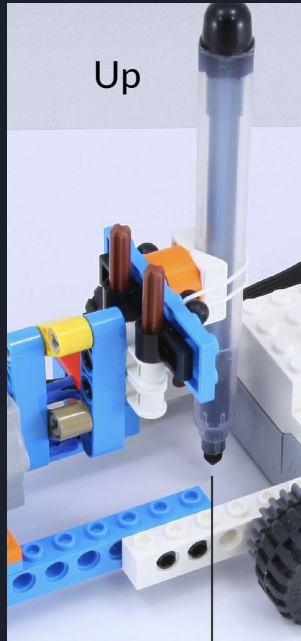Gather your parts and check out the next slides for building help.

Drawing with a Pen 4
Building - Part 2

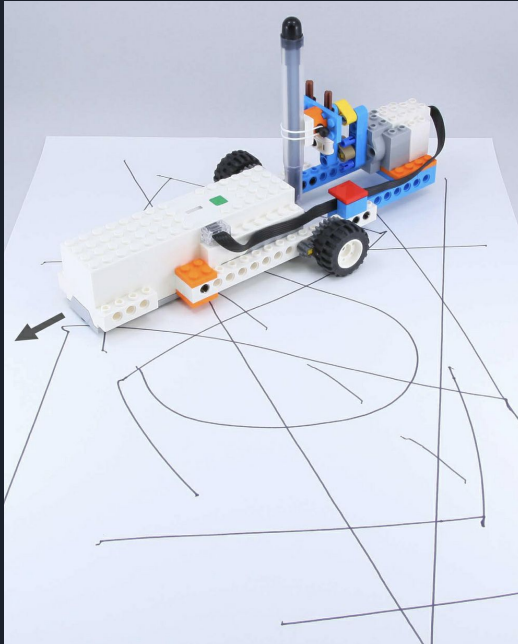# Drawing with a Pen 4
Building - Part 3

Drawing with a Pen 4
Building - Part 4

Up

Down

Adjust the position of the pen so that the tip doesn't touch the surface of the paper when the pen holder is up and does when they holder is down.
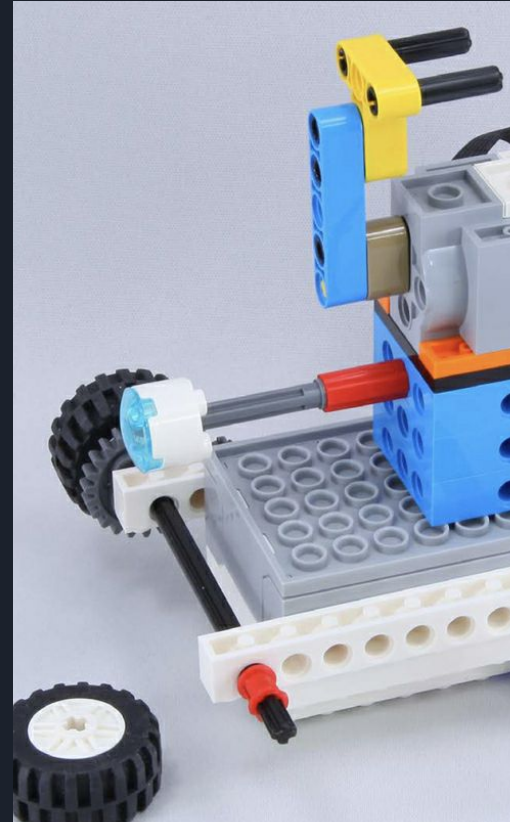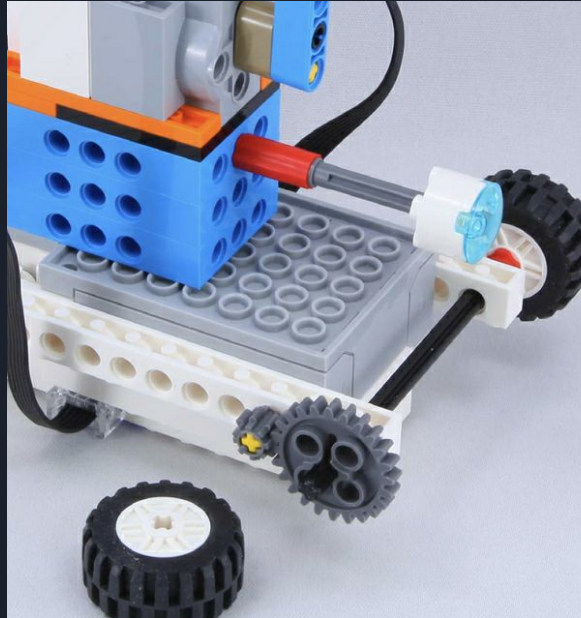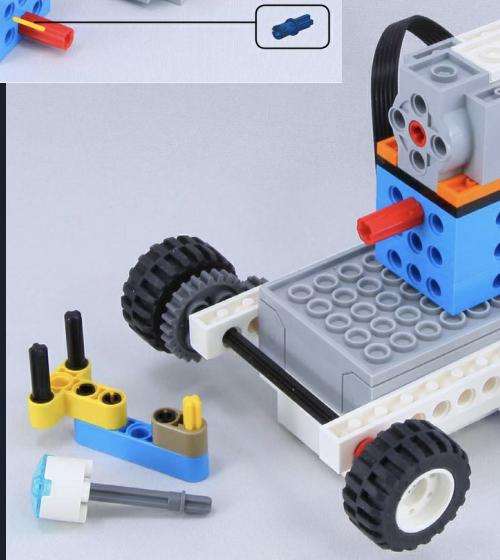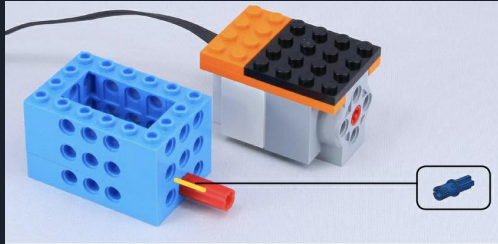
Drawing with a Pen 4 Programming

Lance

Tap this button to start the program.
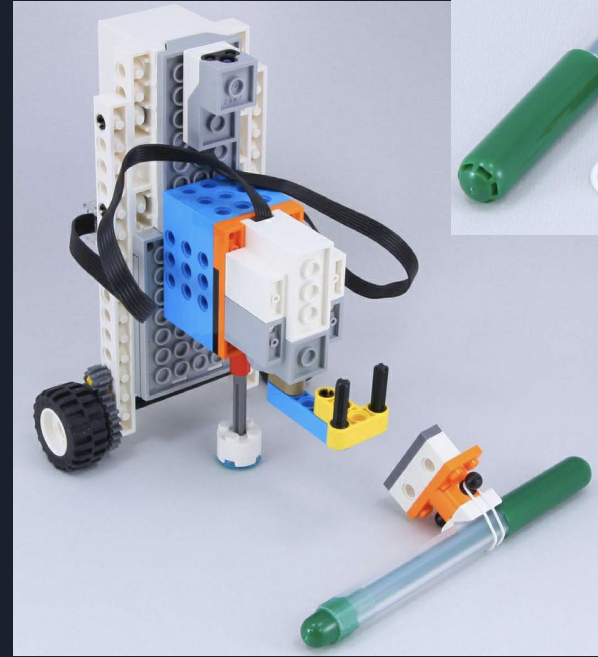
Control the robot with the joystick.
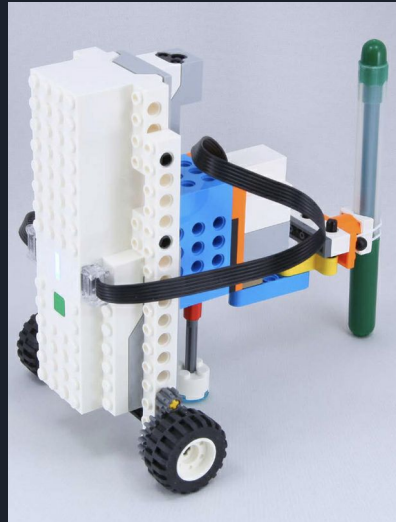
Tap this button to move your pen up or down.

When ready, move on to the next build.

Drawing with a Pen 5
Building - Part 1

Draw a graph by moving your hand toward and away from the sensor.
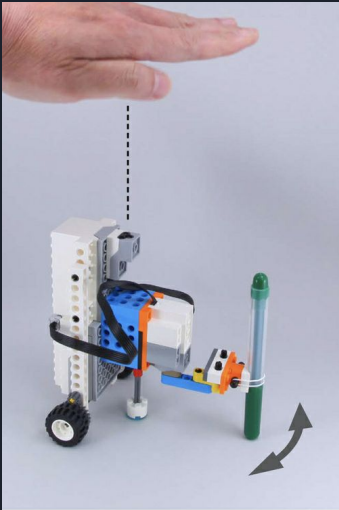

Gather your parts and check out the next slides for building help.

Drawing with a Pen 5
Building - Part 2

Drawing with a Pen 5 Building - Part 3
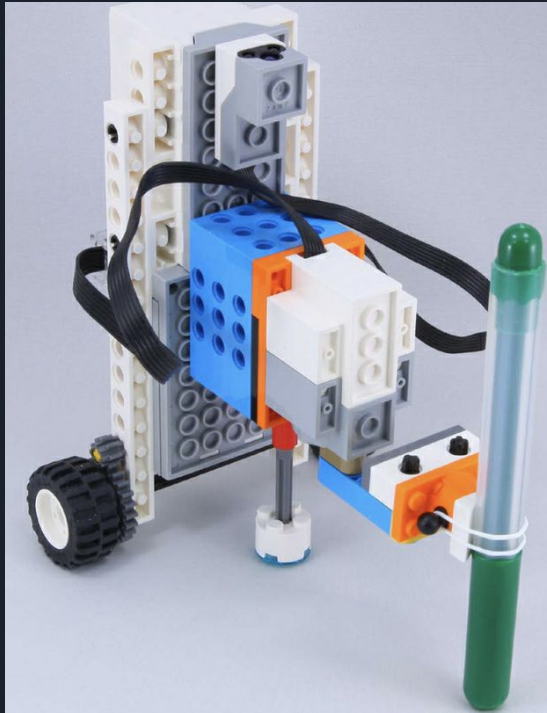
Drawing with a Pen 5 Programming