# Case 29: The Stone Thrower

Contents

31.1. Purpose

Make a stone thrower.
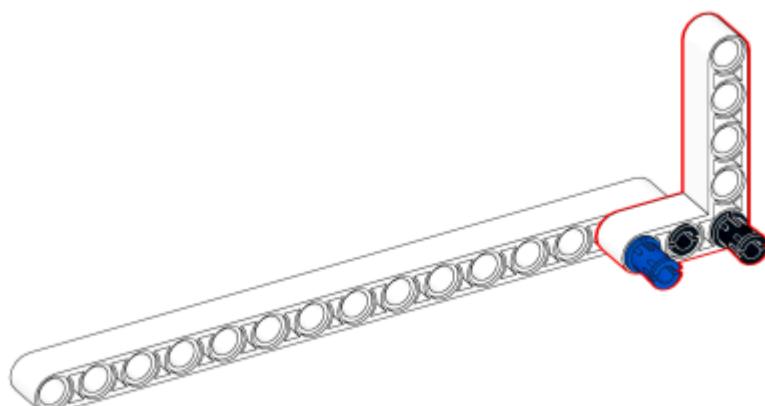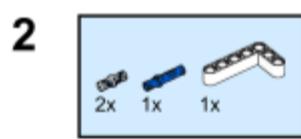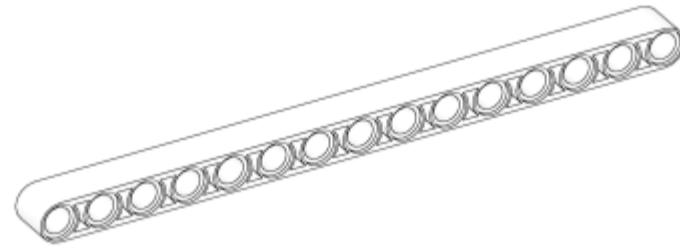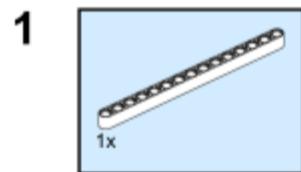
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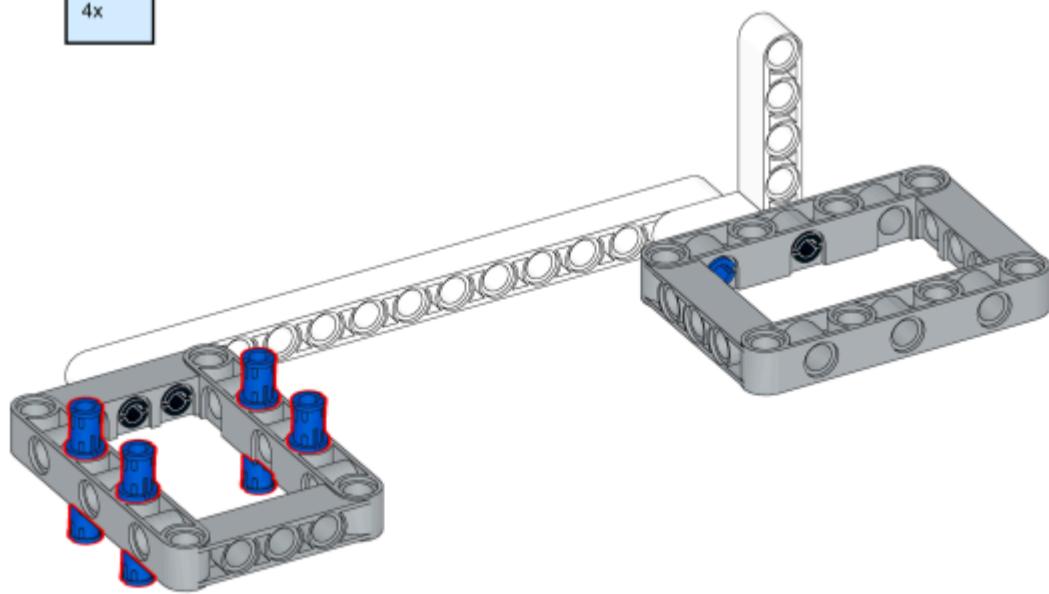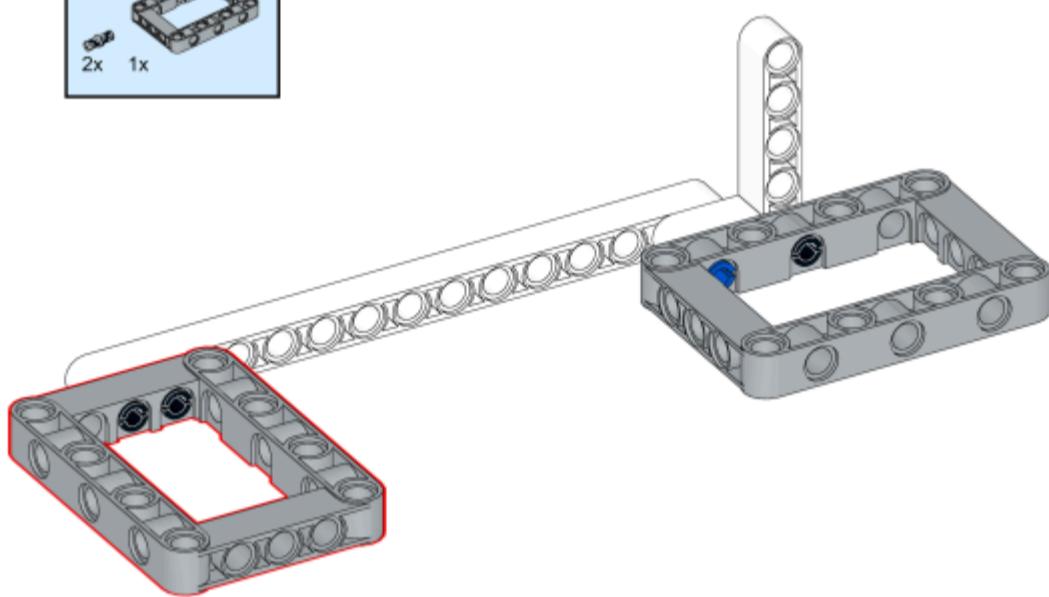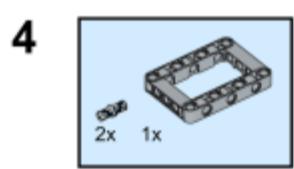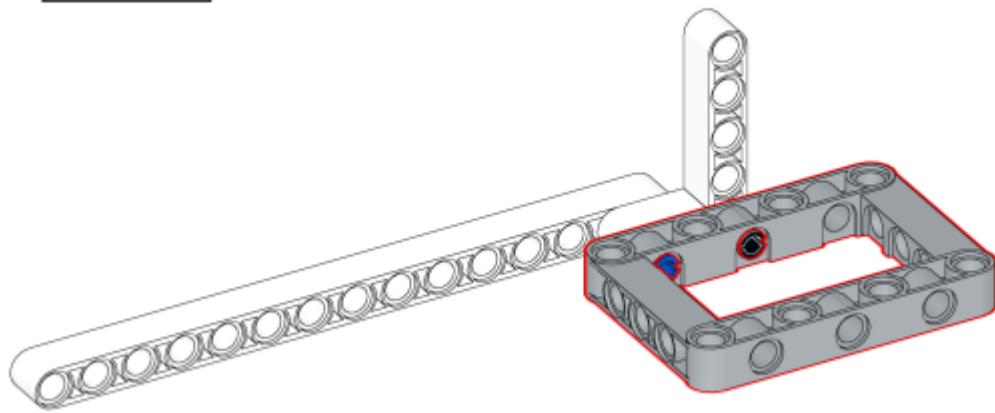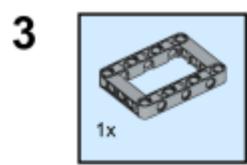
micro:bit Wonder Building Kit

31.3. Materials Required

4x
32278, 1

4x
3649, 86

4x
14720, 86

1x
32034, 11

2x
32062, 5

2x

2x
32525, 3

2x
32316, 3

8x
32002, 86

1x
32524, 3

17x
6558, 7

2x
3713, 11

4x
32316, 1

2x
32523, 3

1x
60485, 86

2x
32526, 1

2x
4519, 86

2x
32017, 1

1x

4x
14720, 1

2x
3749, 2

4x
64179, 86

1x
48989, 86

34x
2780, 11

4x
32449, 1

2x
43093, 7

1x

31.4. Bricks build-up

1

1x

2

2x   1x   1x

3

1x

4

2x 1x

5

4x

6

7

8

9

10

11

12

2x 1x

13

2x 1x

14

2x 1x
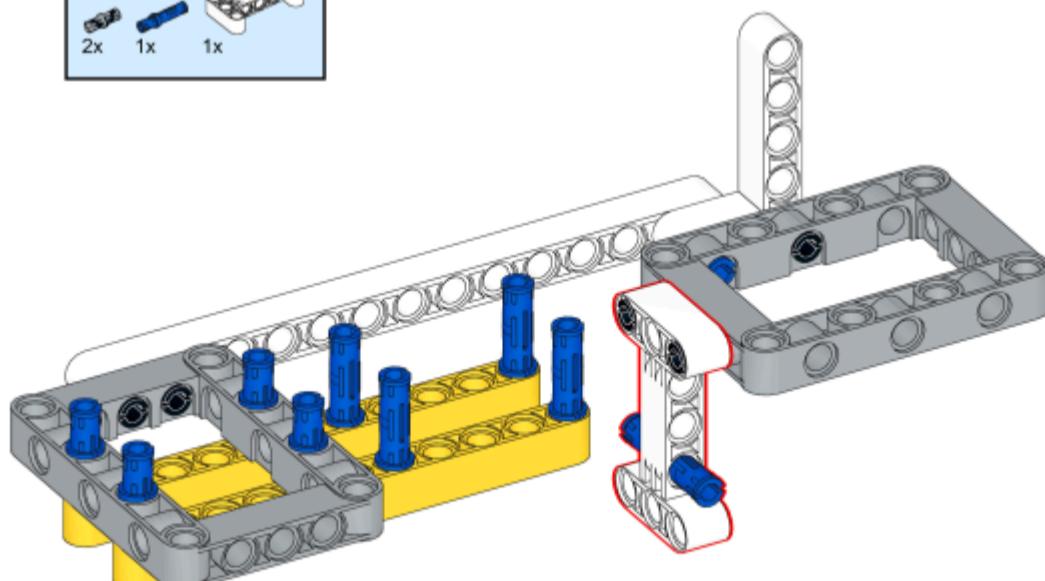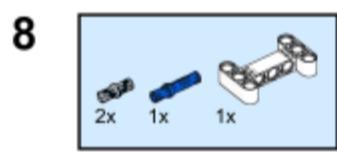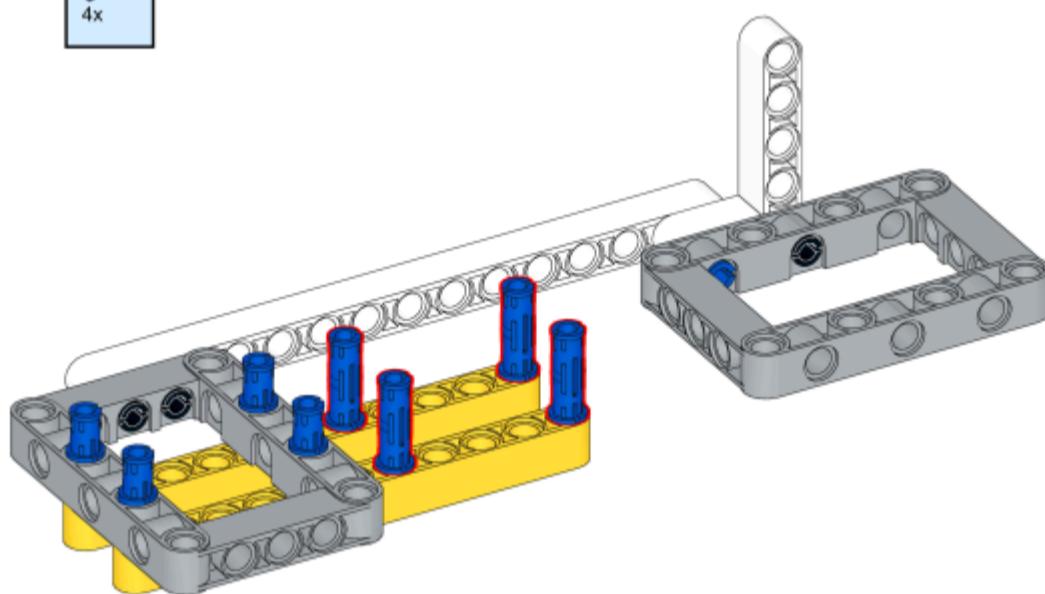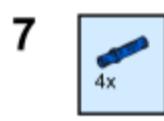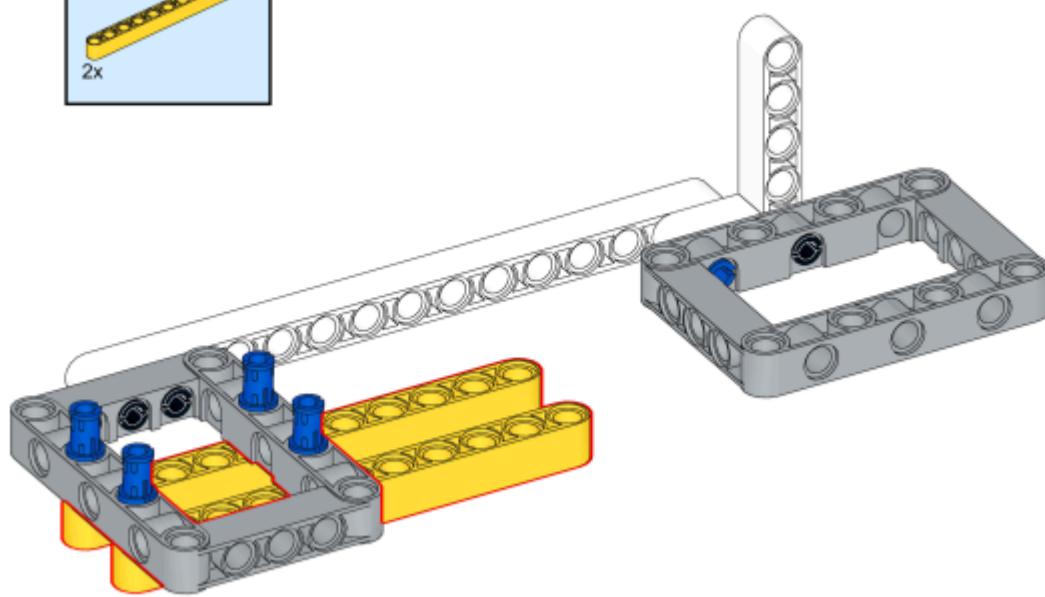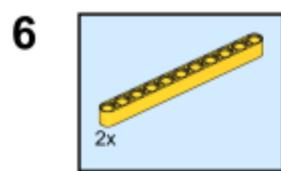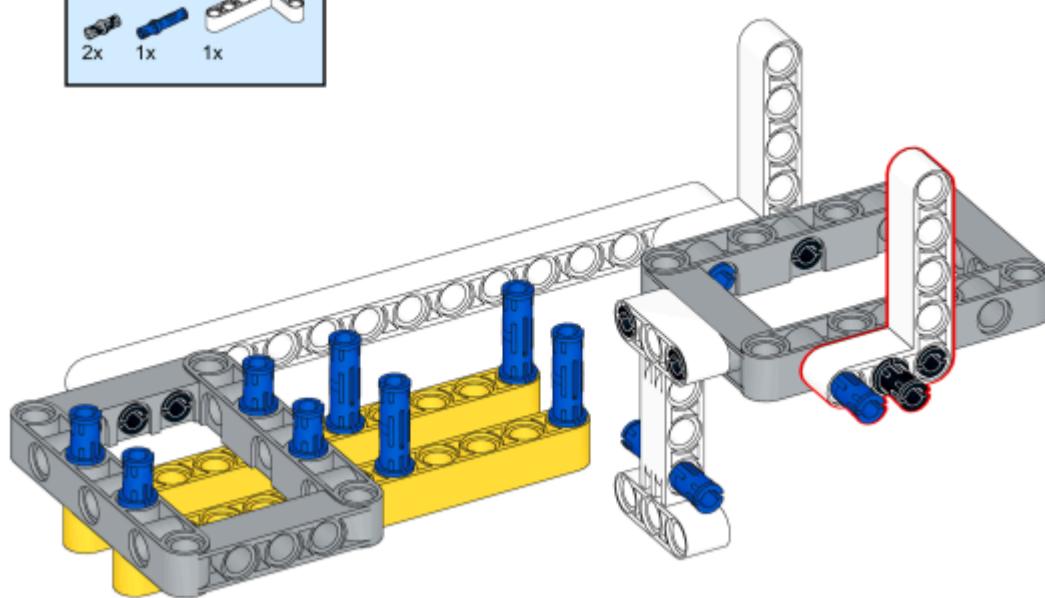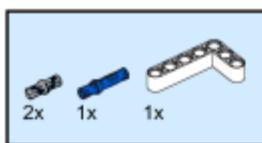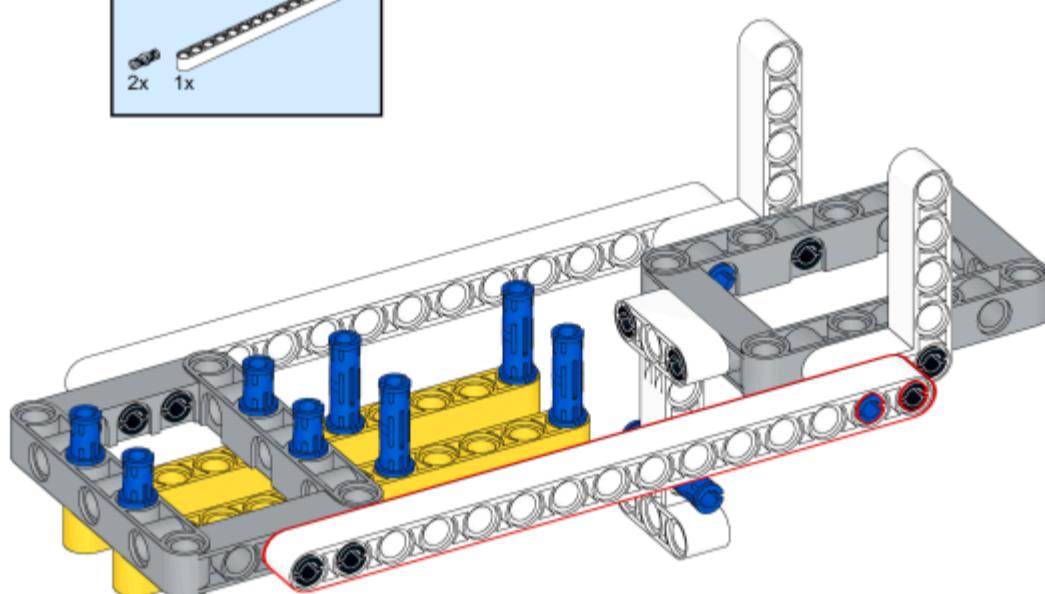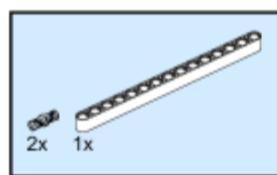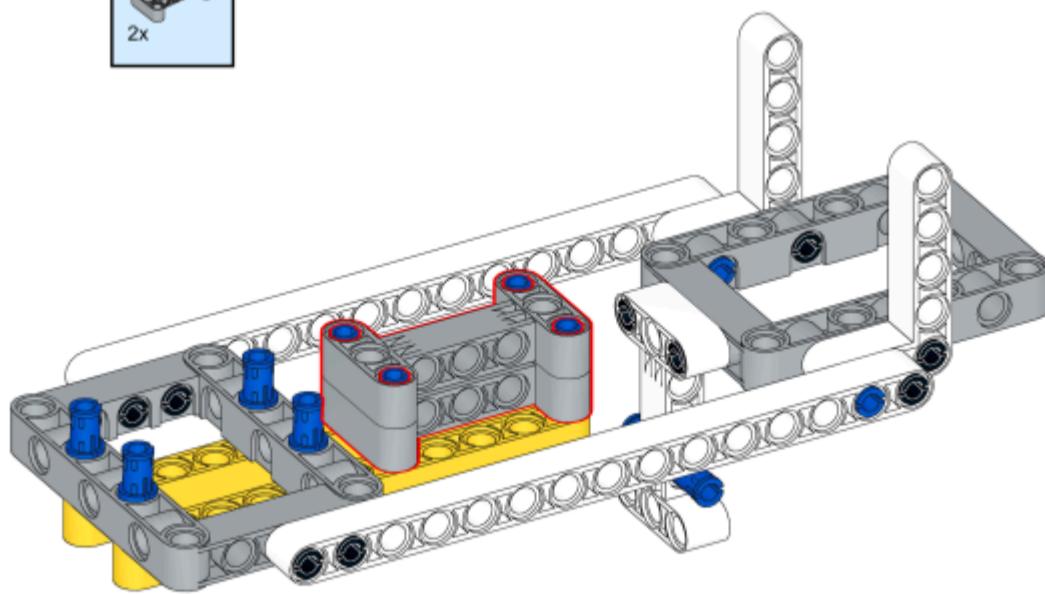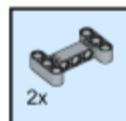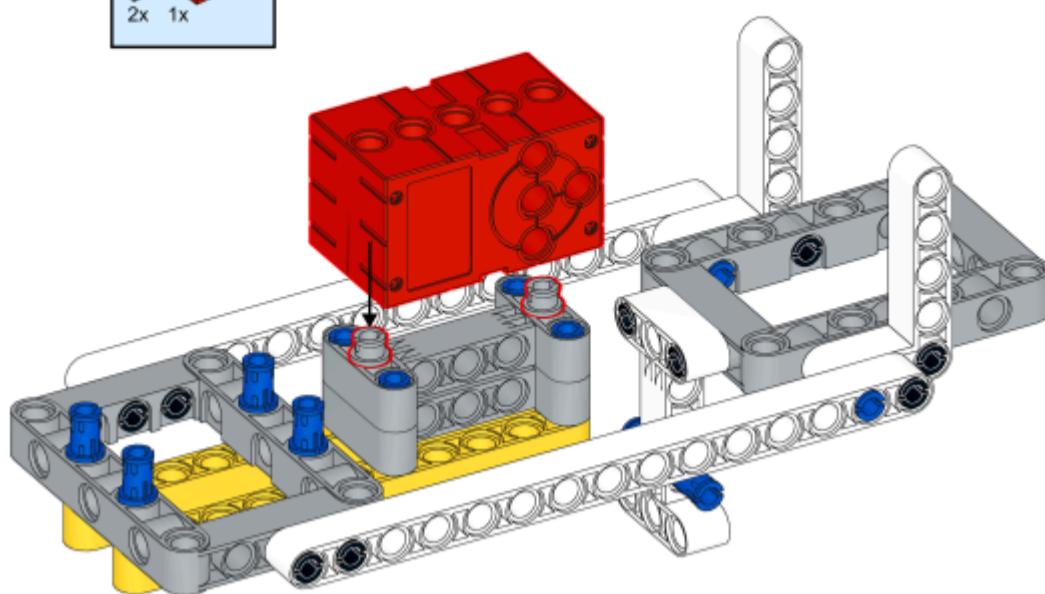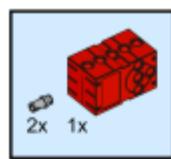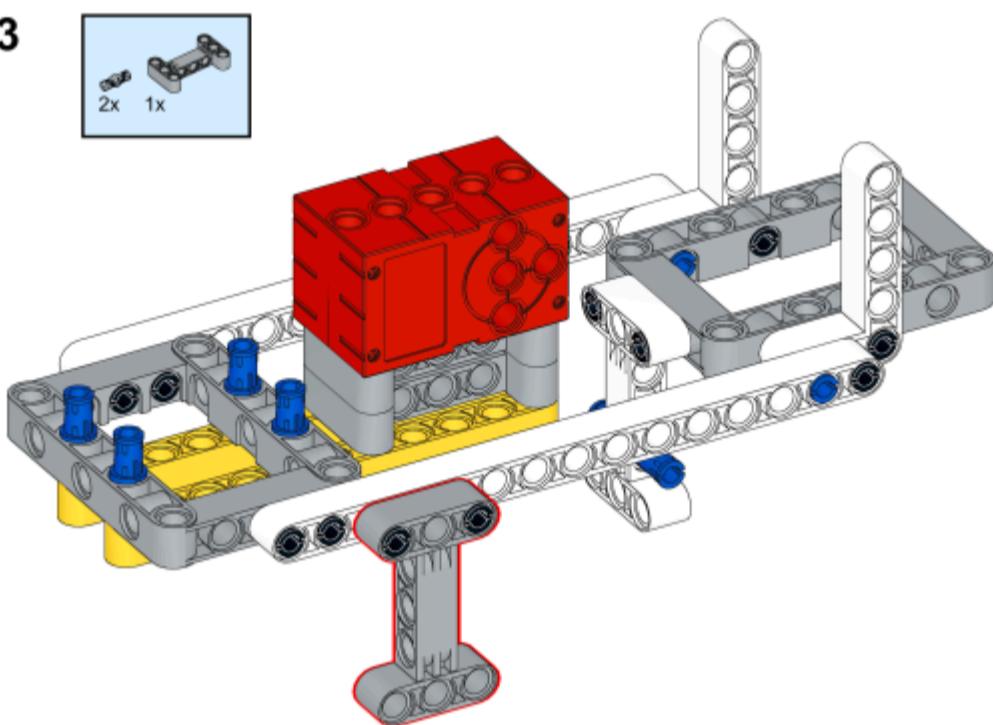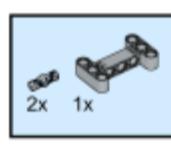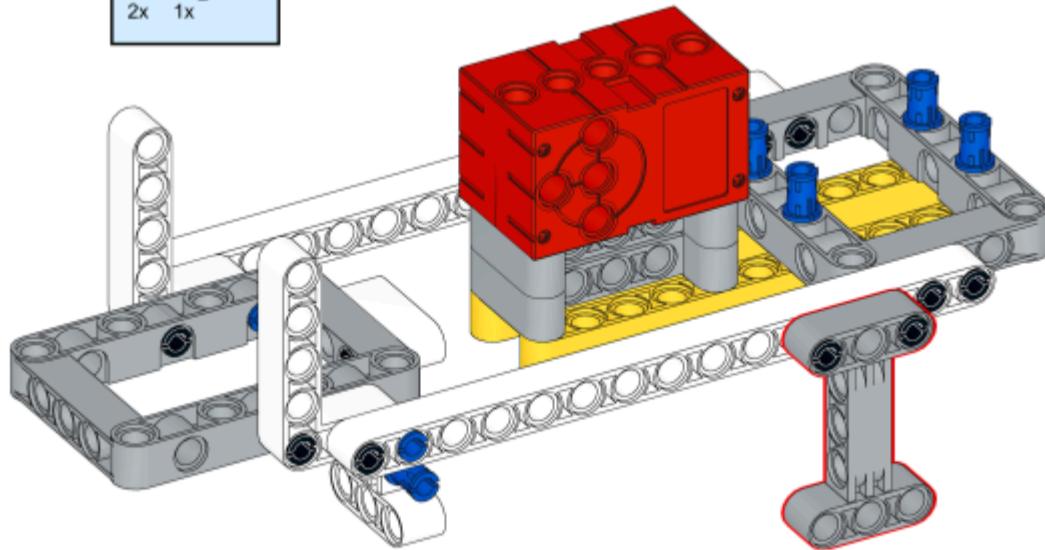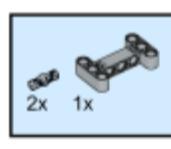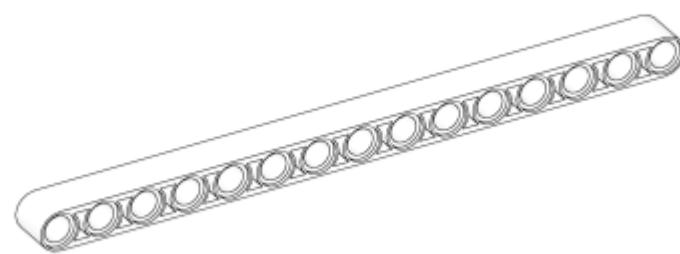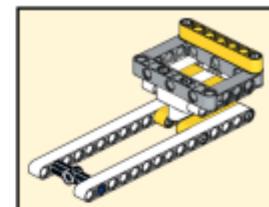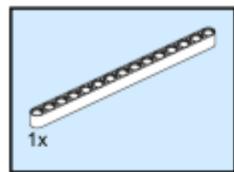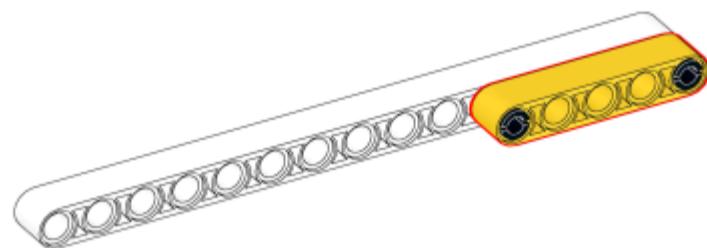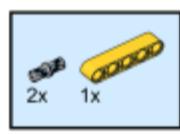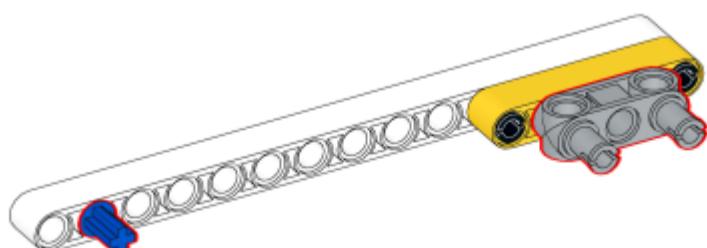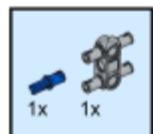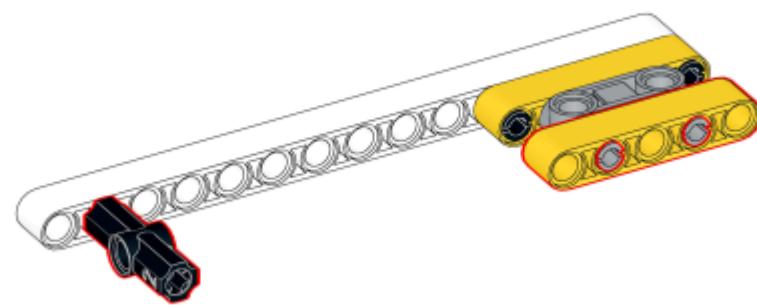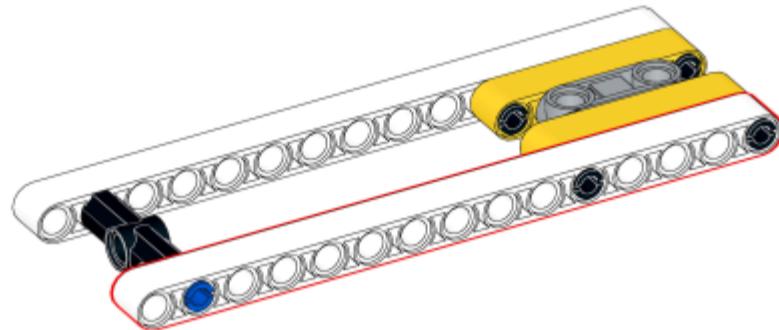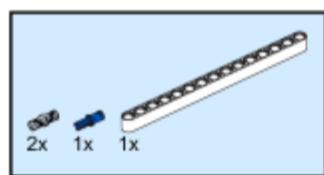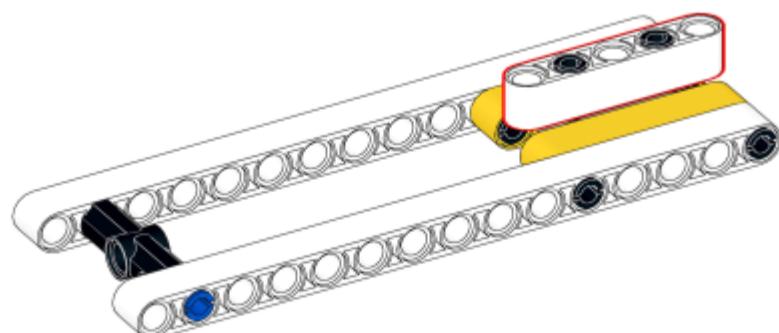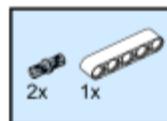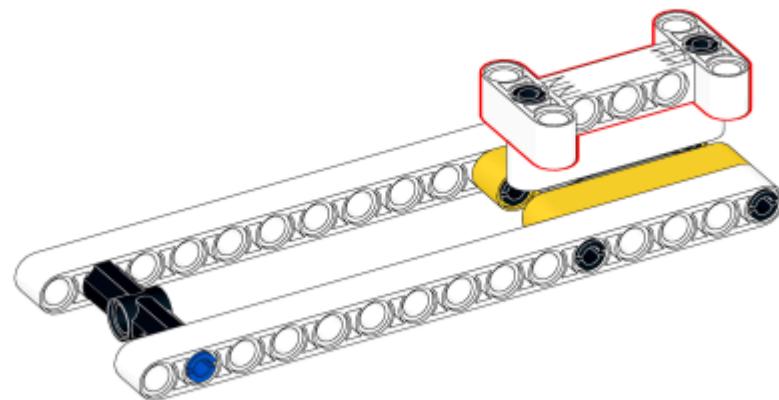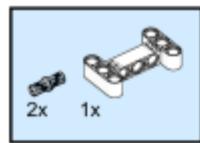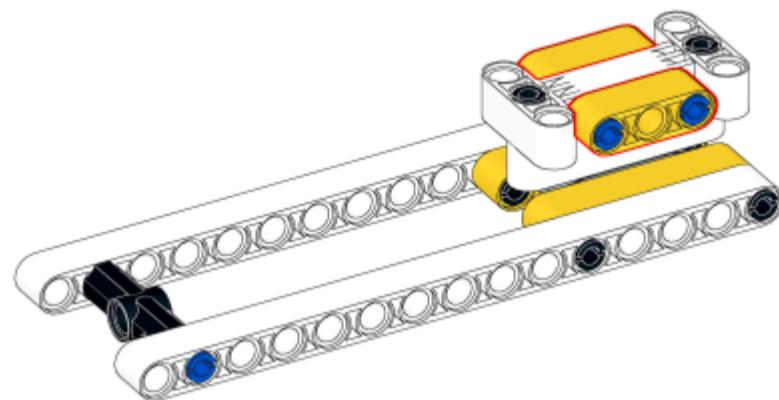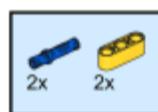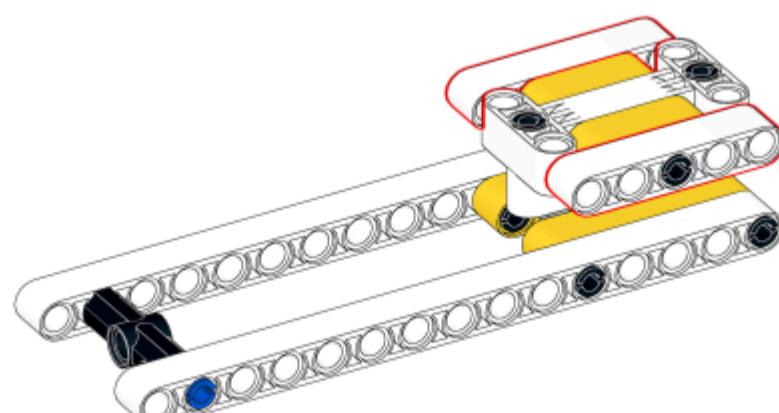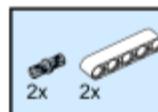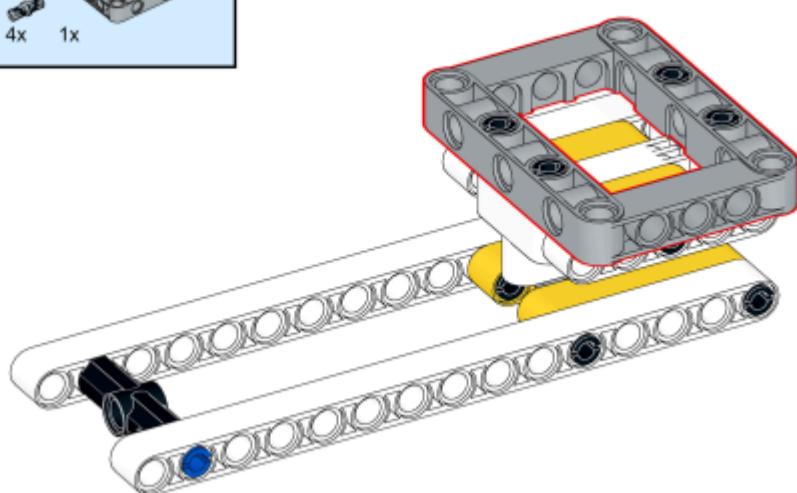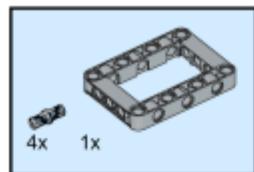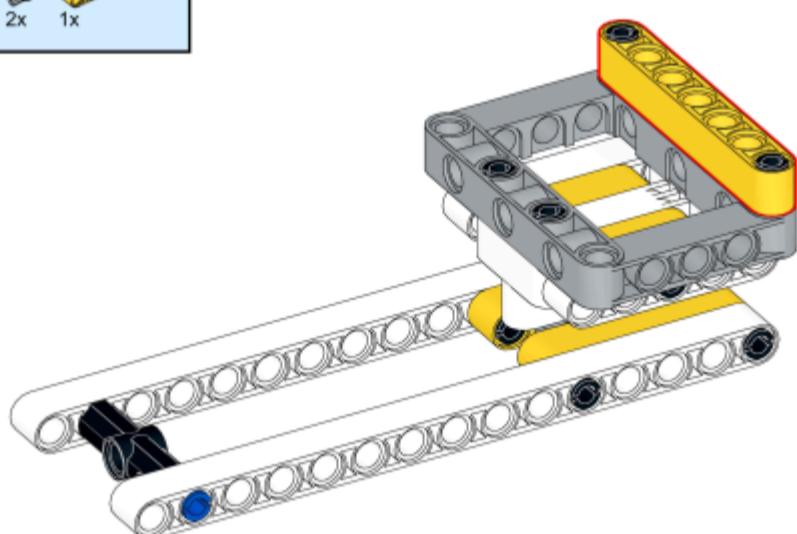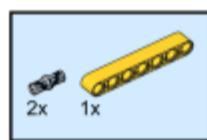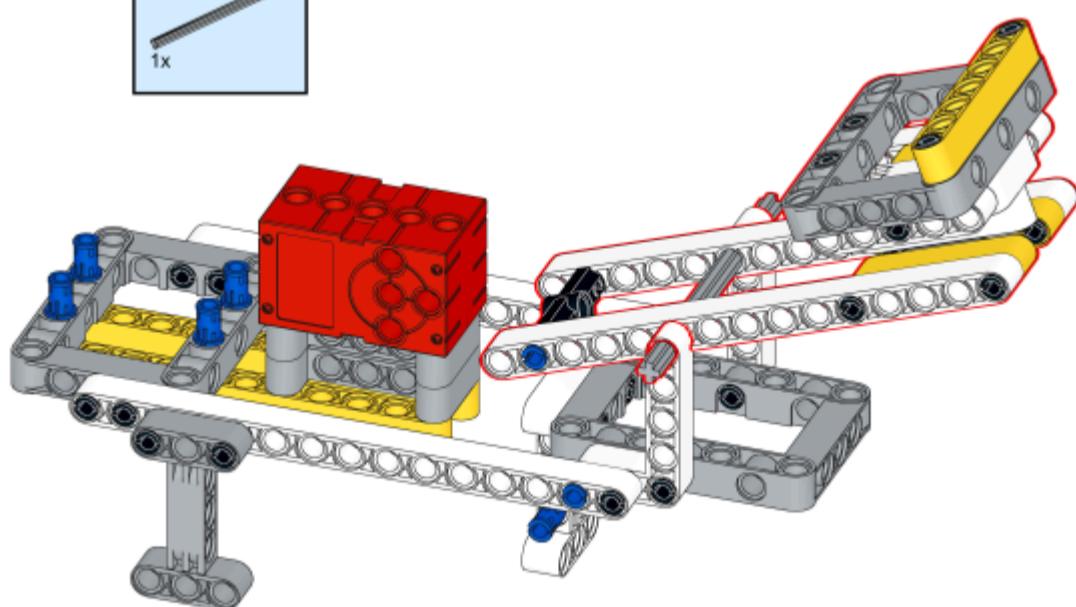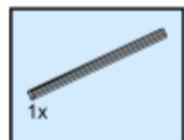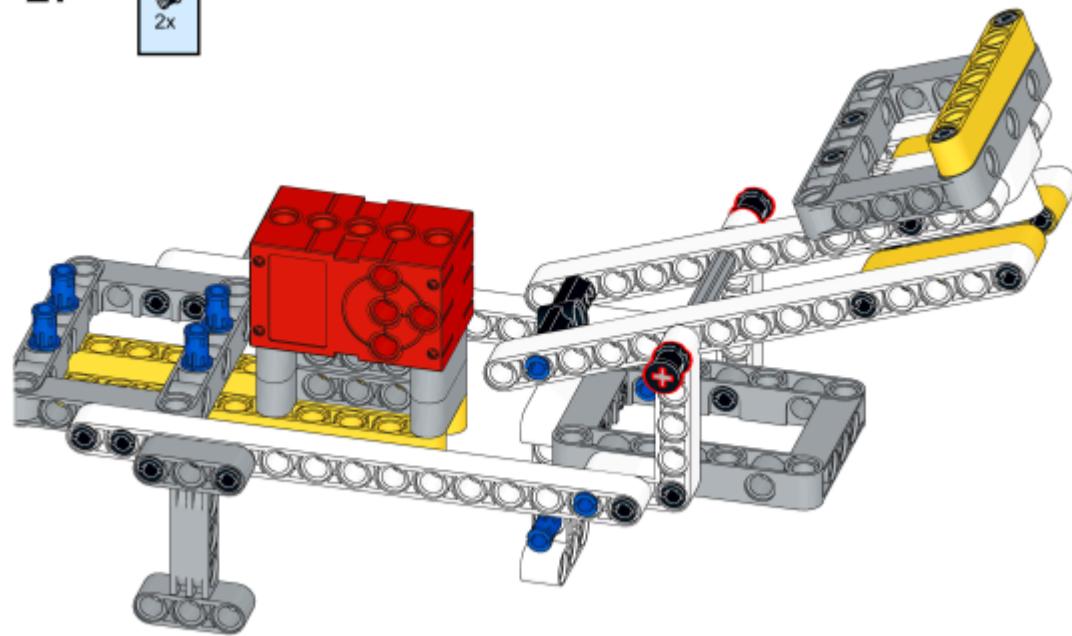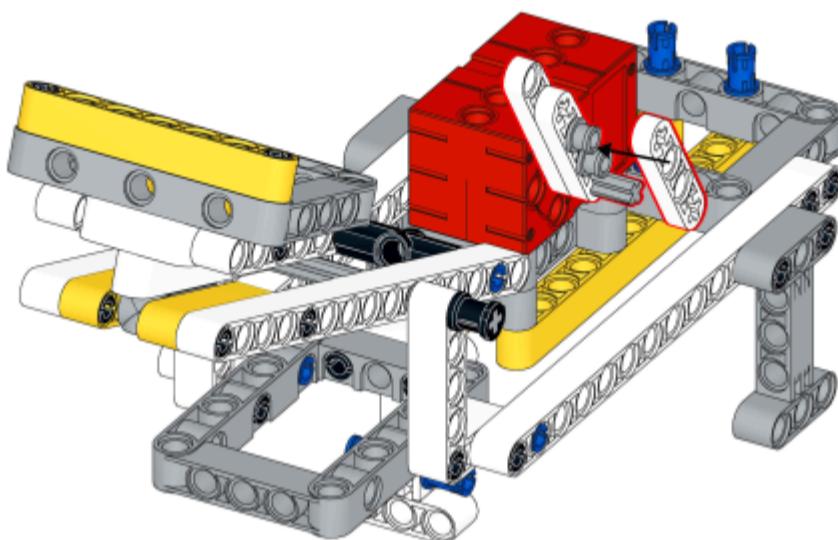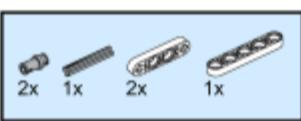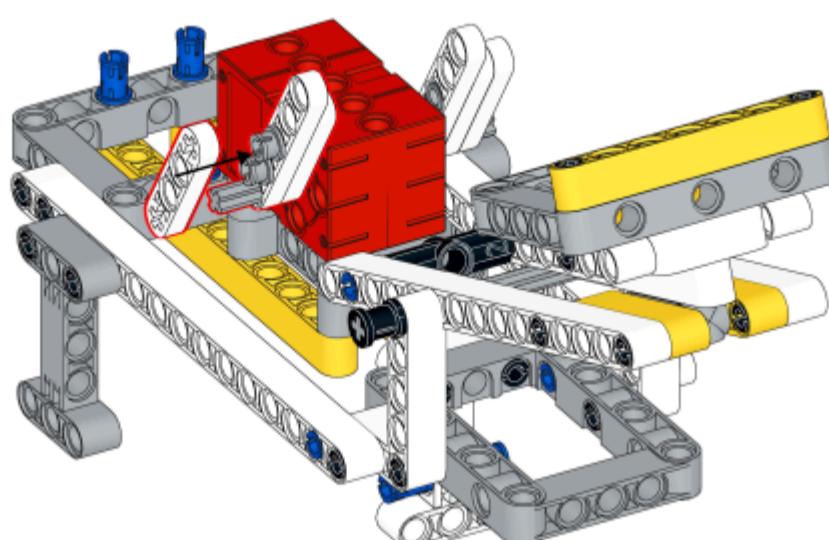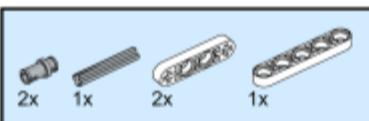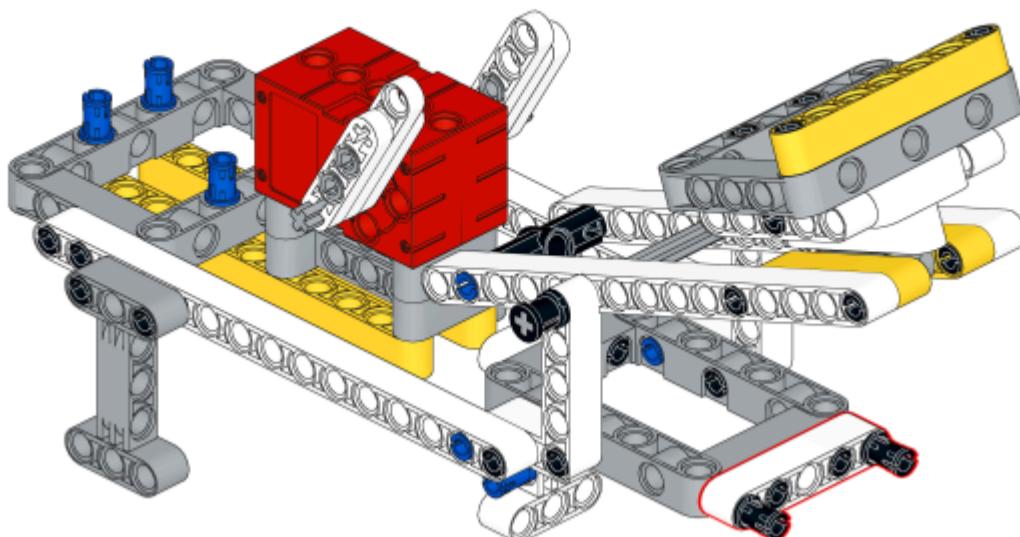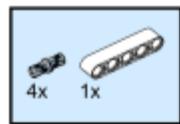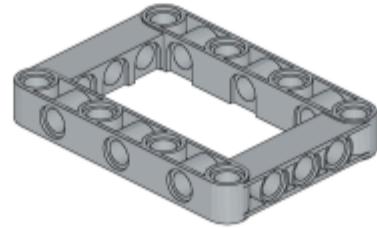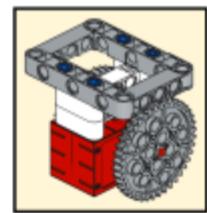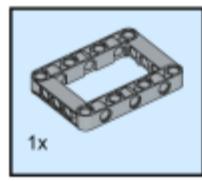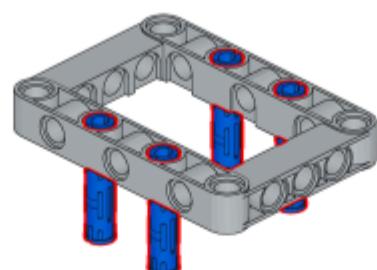
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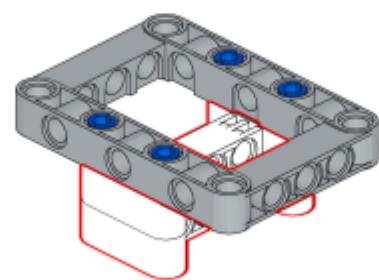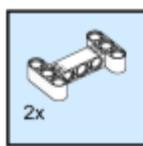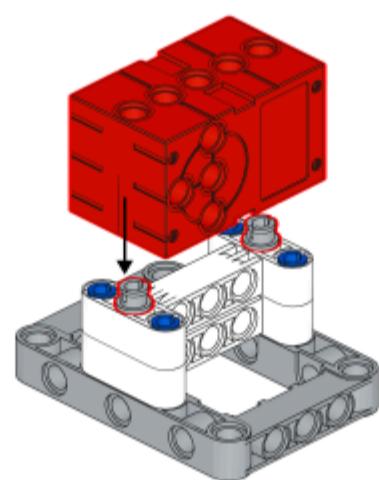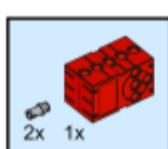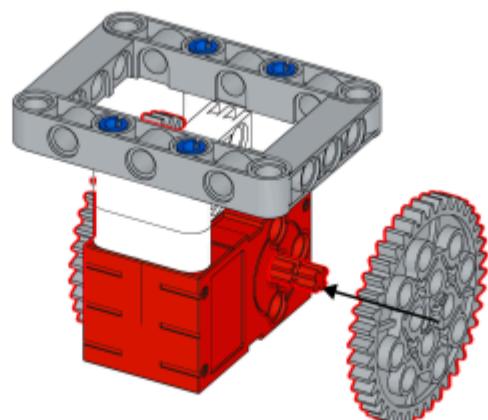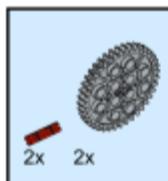
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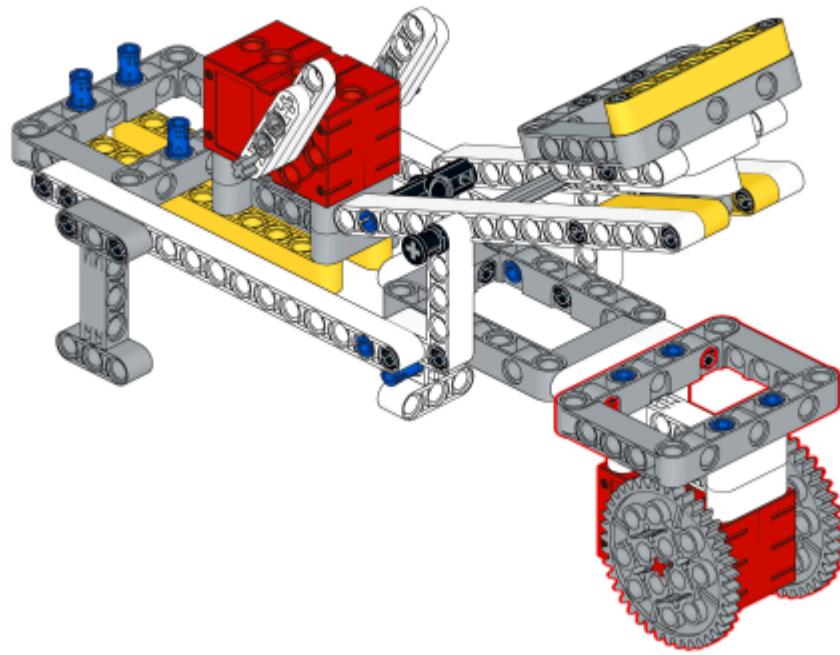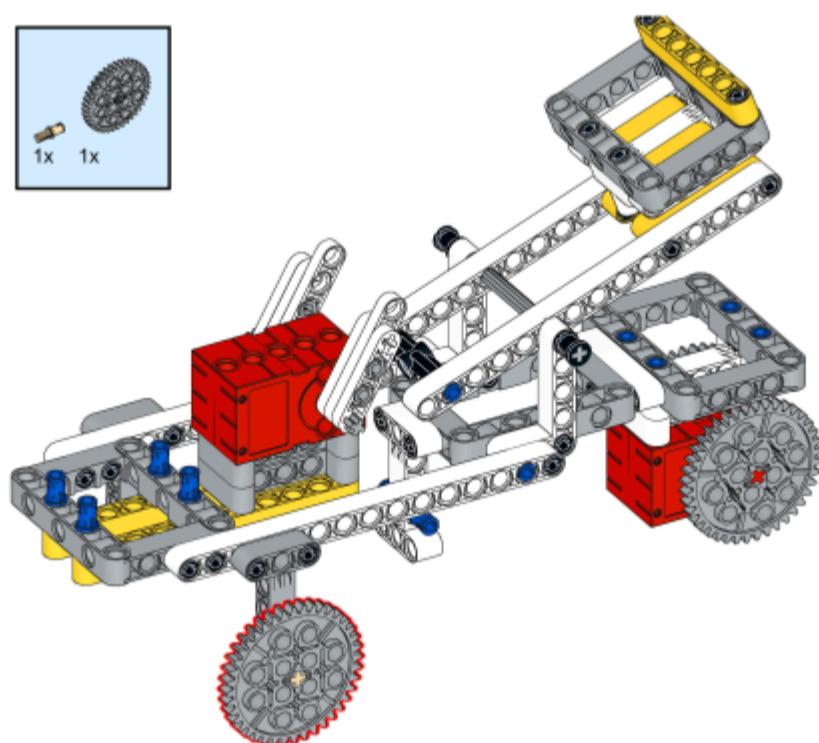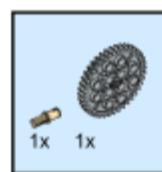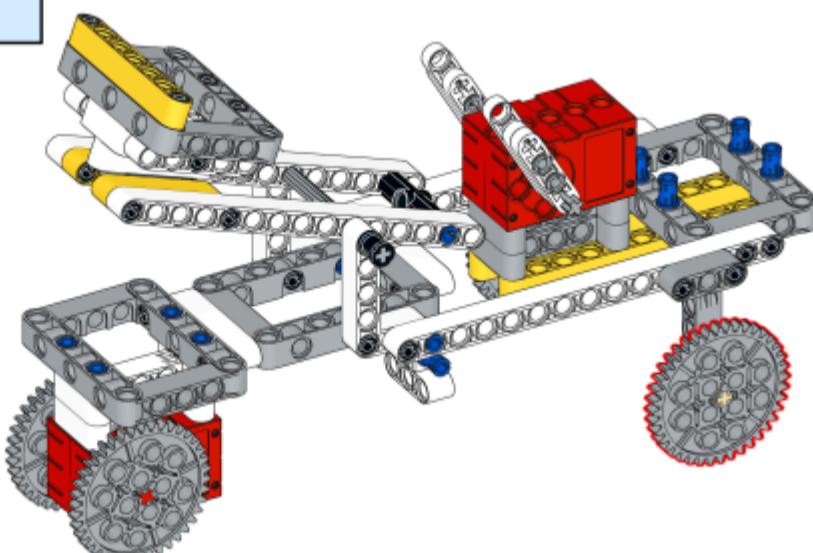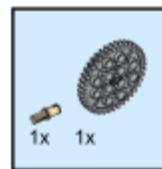
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2x

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2x 1x

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2x 2x

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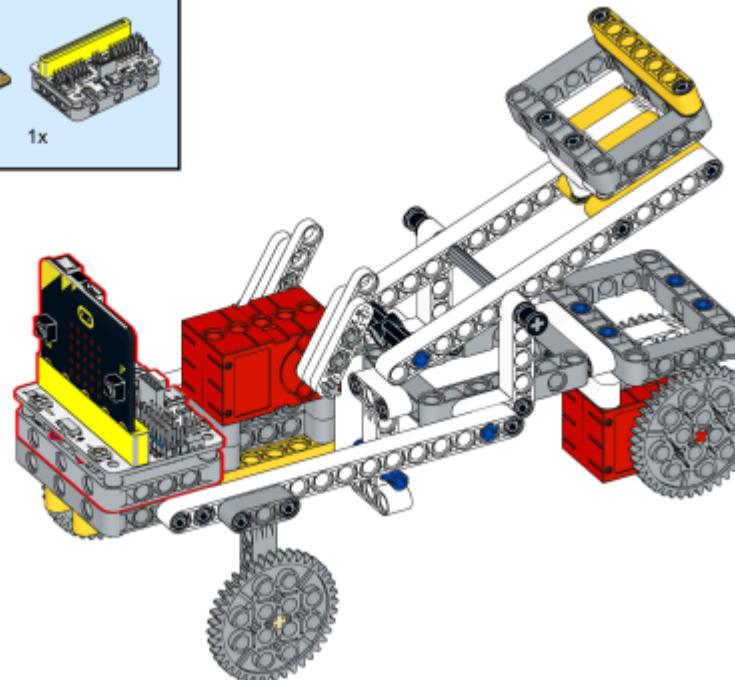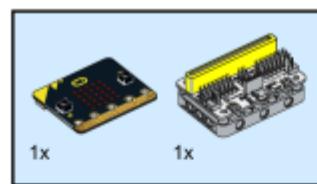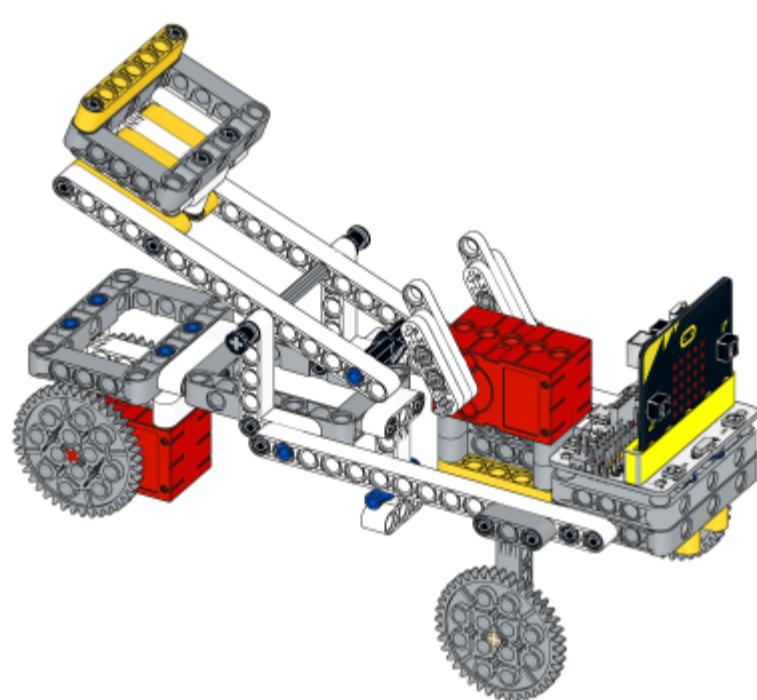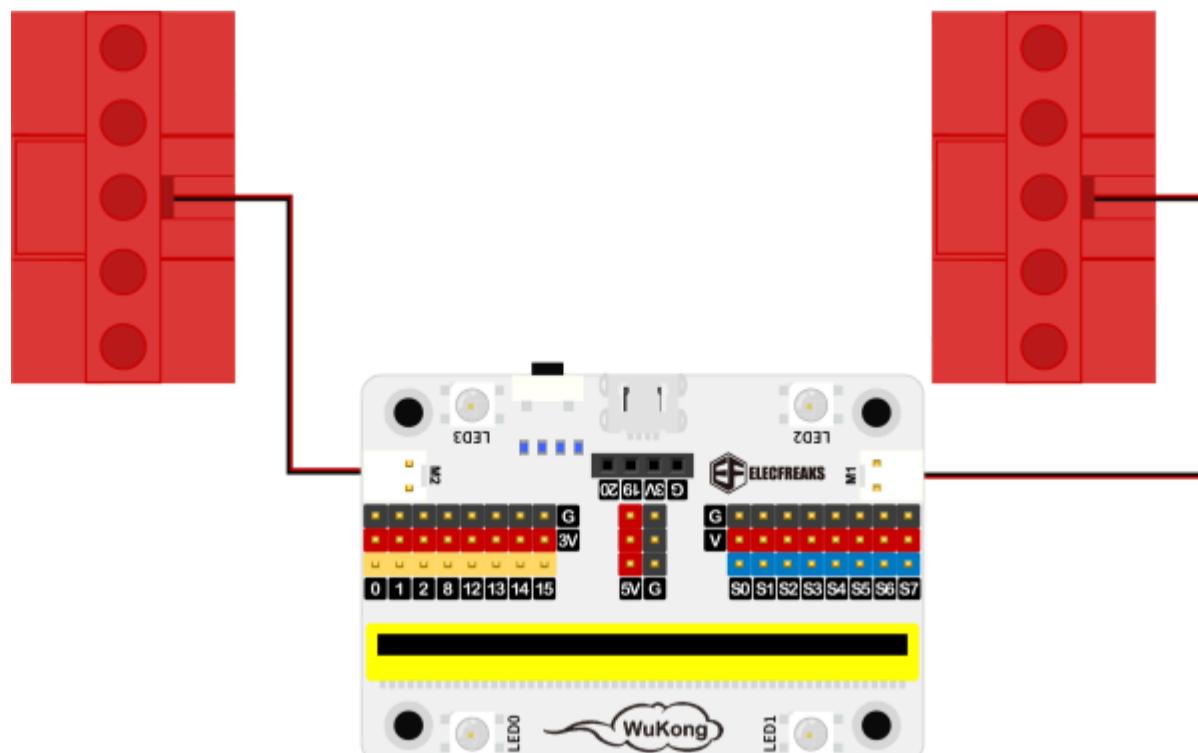
31.5. Hardware Connection

Connect two [motors](#) to M1 and M2 ports on [Wukong breakout board](#).
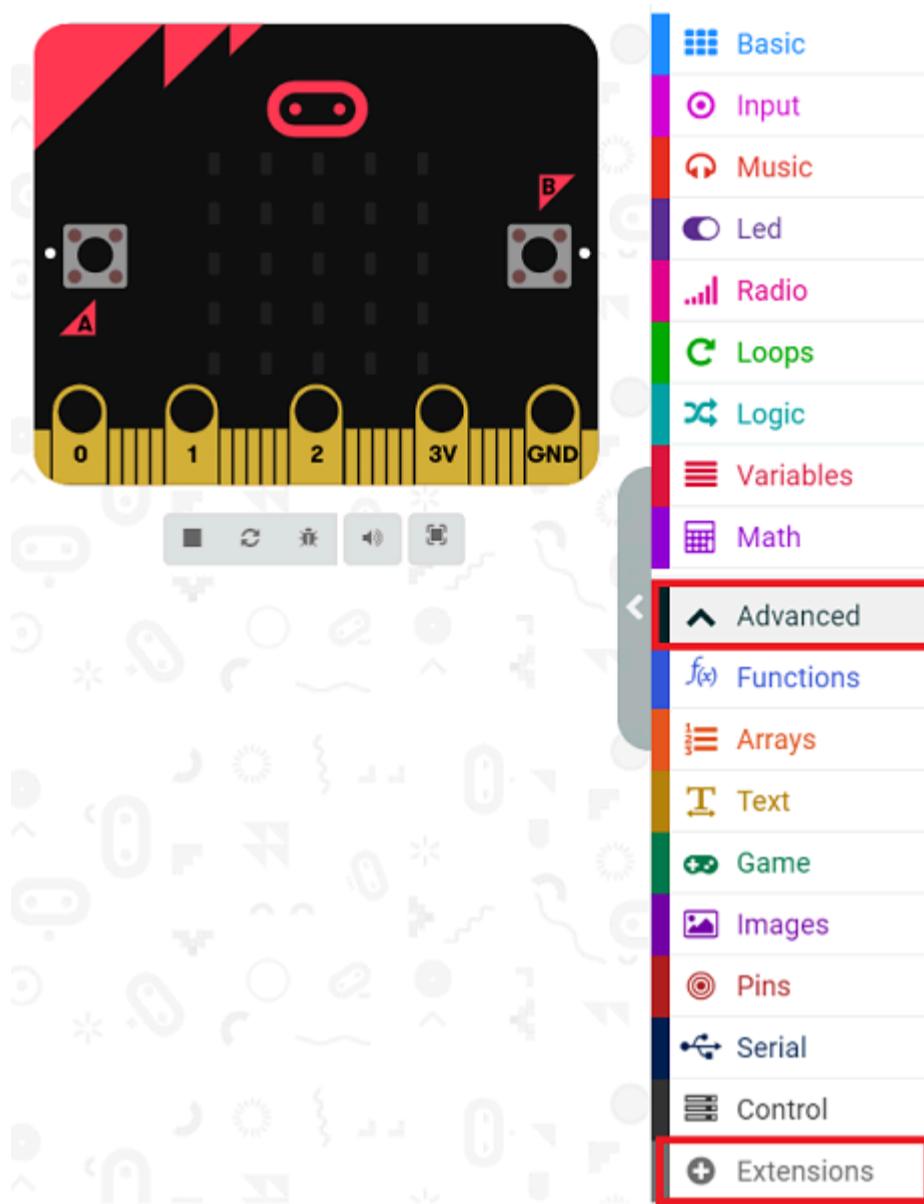
31.6. Software Platform

MakeCode
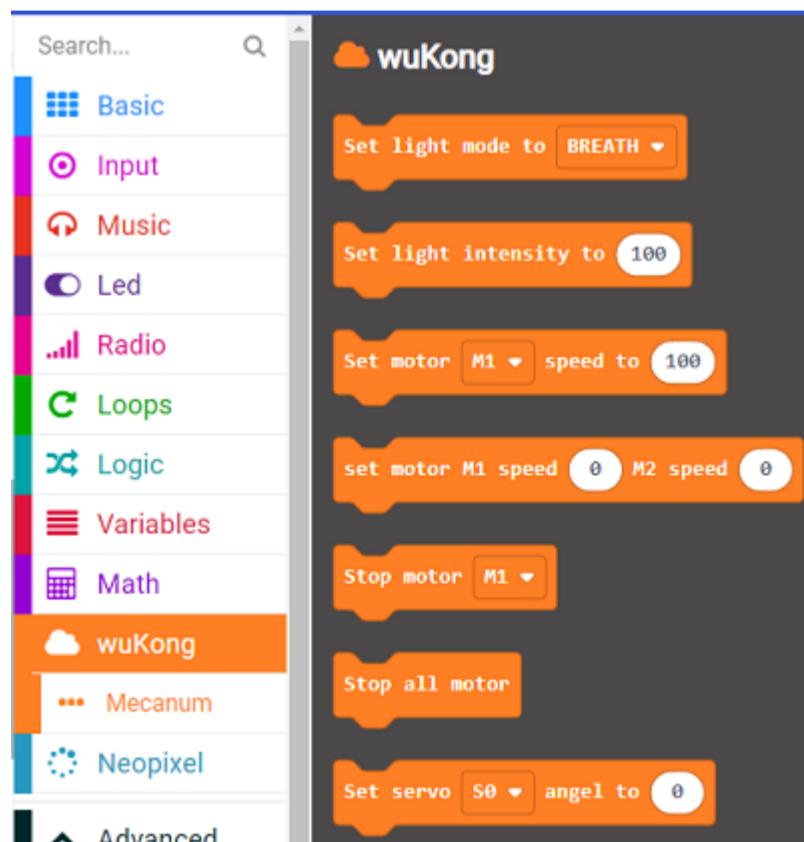
31.7. Coding

Add extensions
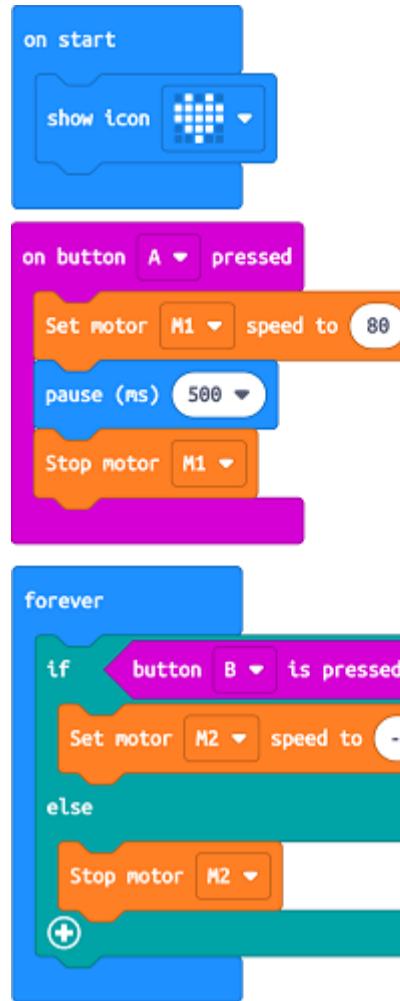
Click "Advanced" in the MakeCode to see more choices.

Search with Wukong in the dialogue box to download it.

Program

Link:https://makecode.microbit.org/_K6oek8JP8bgf

Result

When the micro:bit is powering on, it displays a heart icon. When button A is pressed, the stone thrower performs a stone throwing action; when button B is continuously pressed, the stone thrower moves forward; release button B and the stone thrower stops.

By ELECFREAKS Team