

Case 22: The Helicopter

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24.1. Purpose

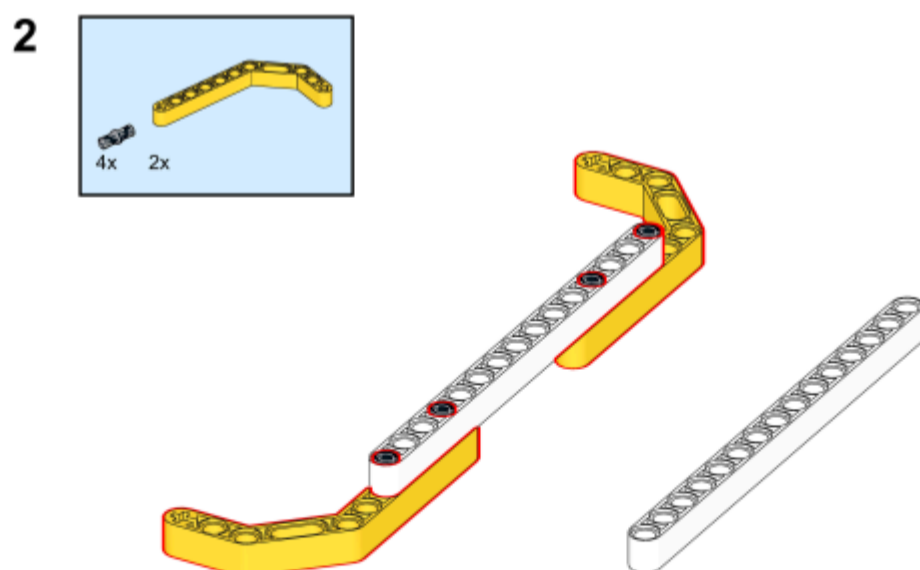
Make a helicopter.

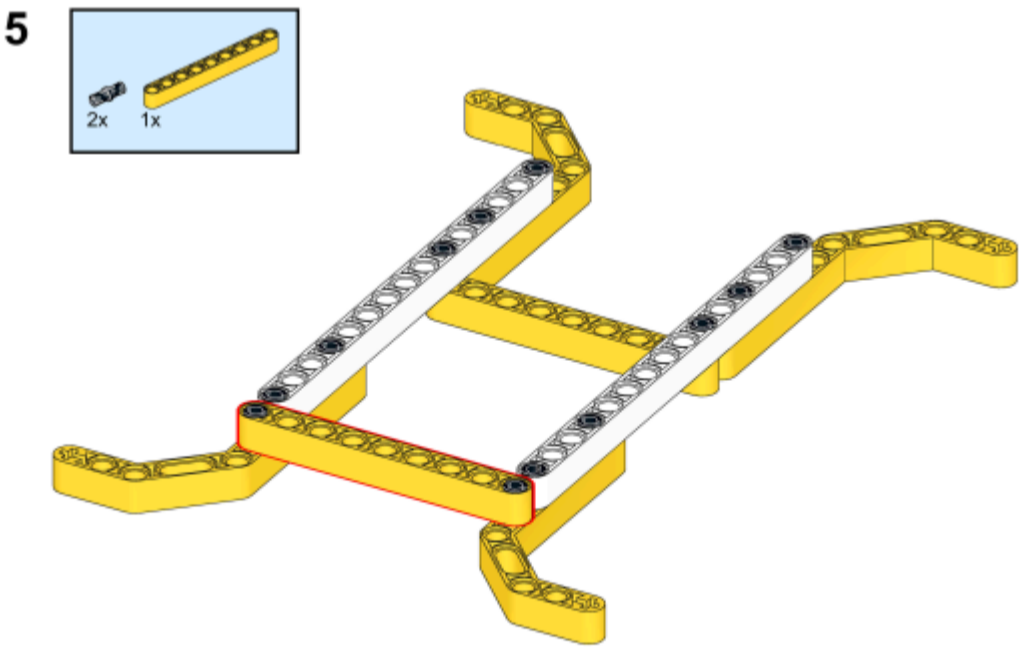
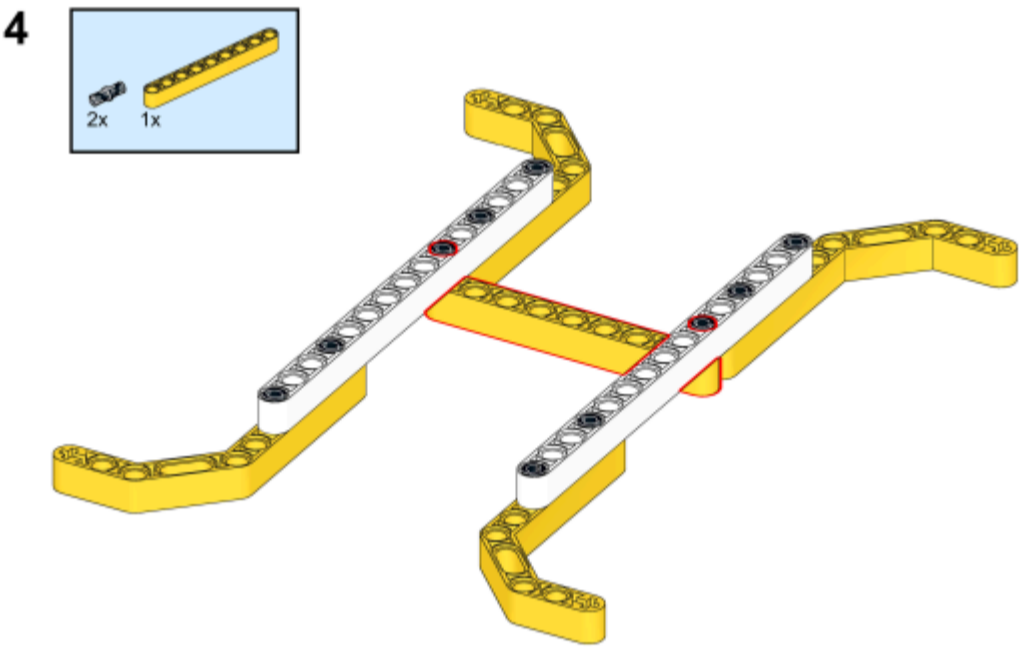
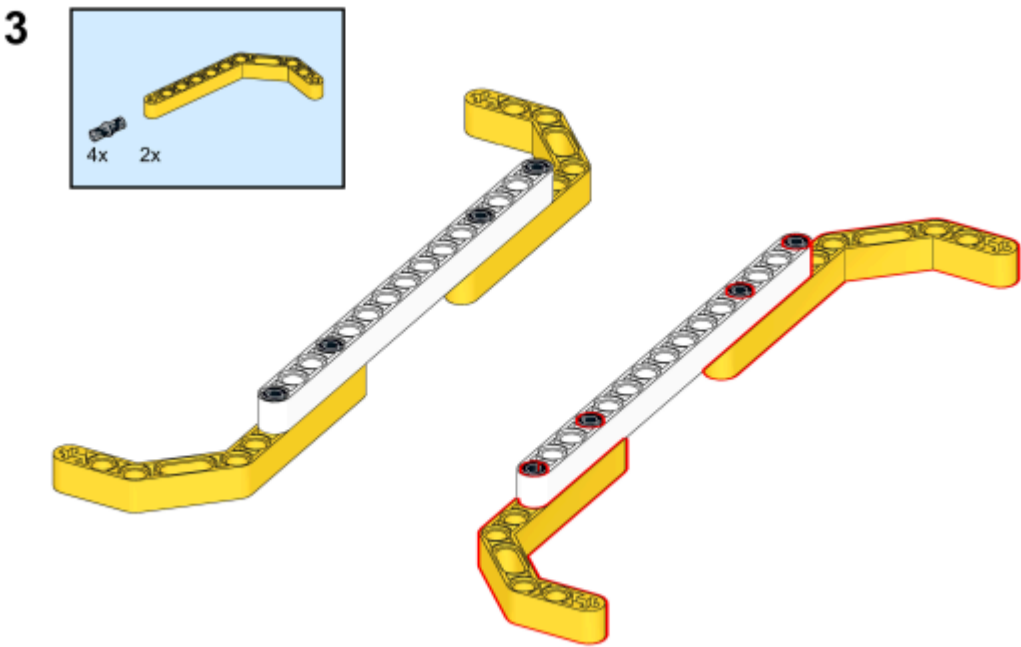


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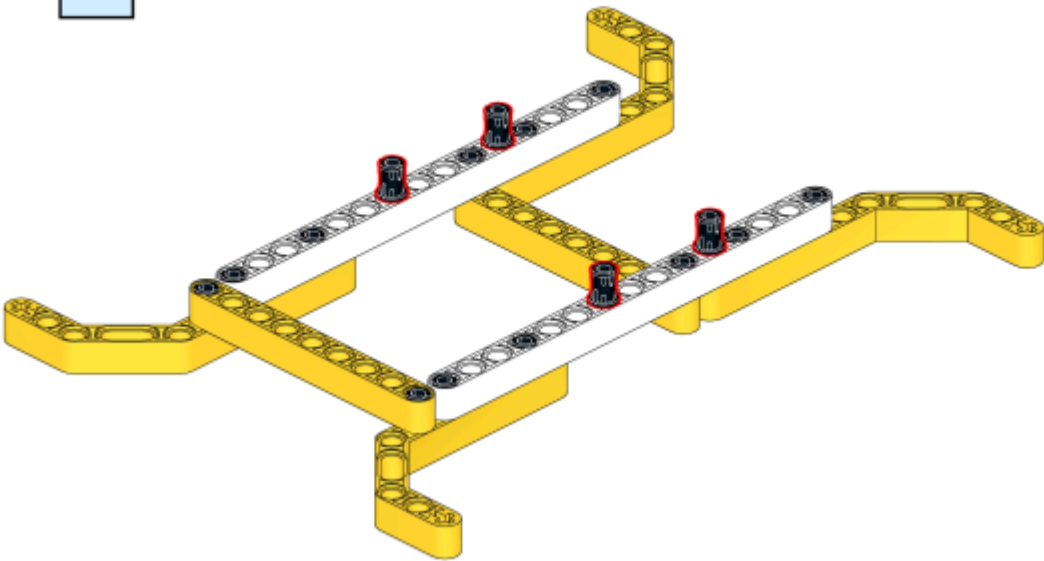
[micro:bit Wonder Building Kit](#)

24.3. Materials Required

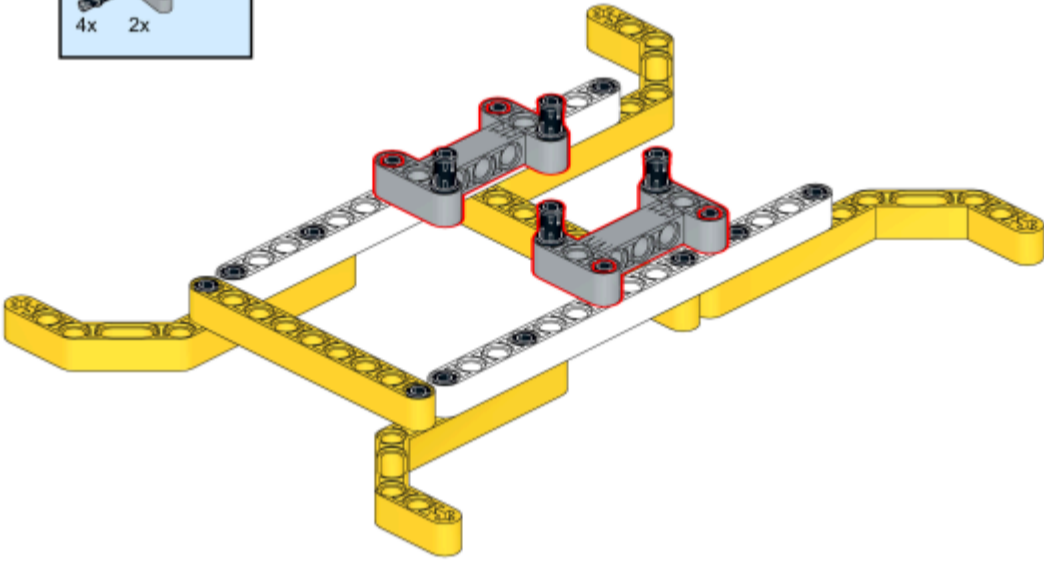
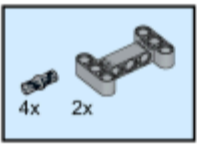




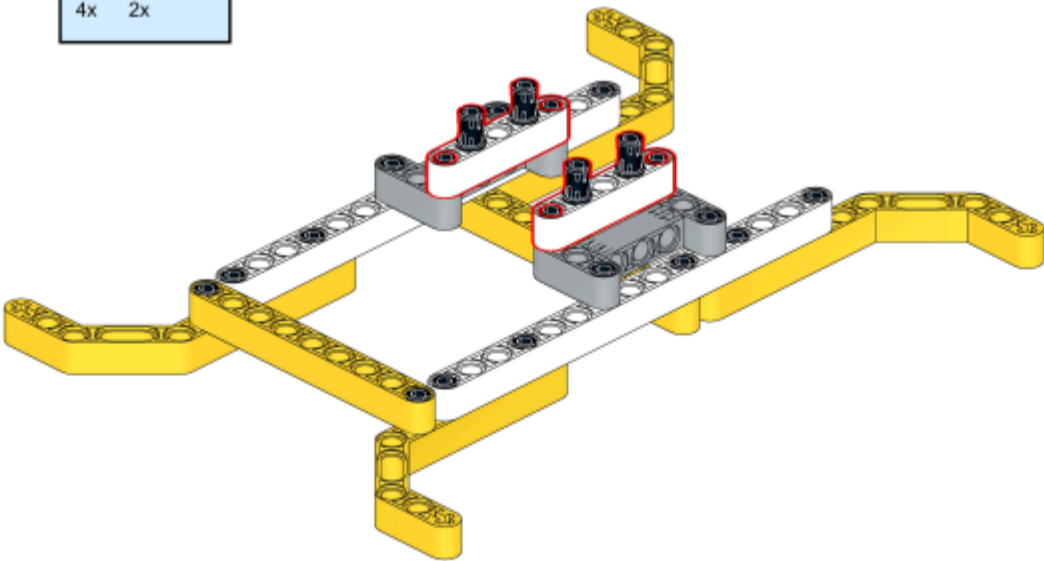
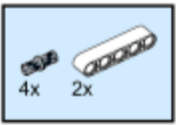
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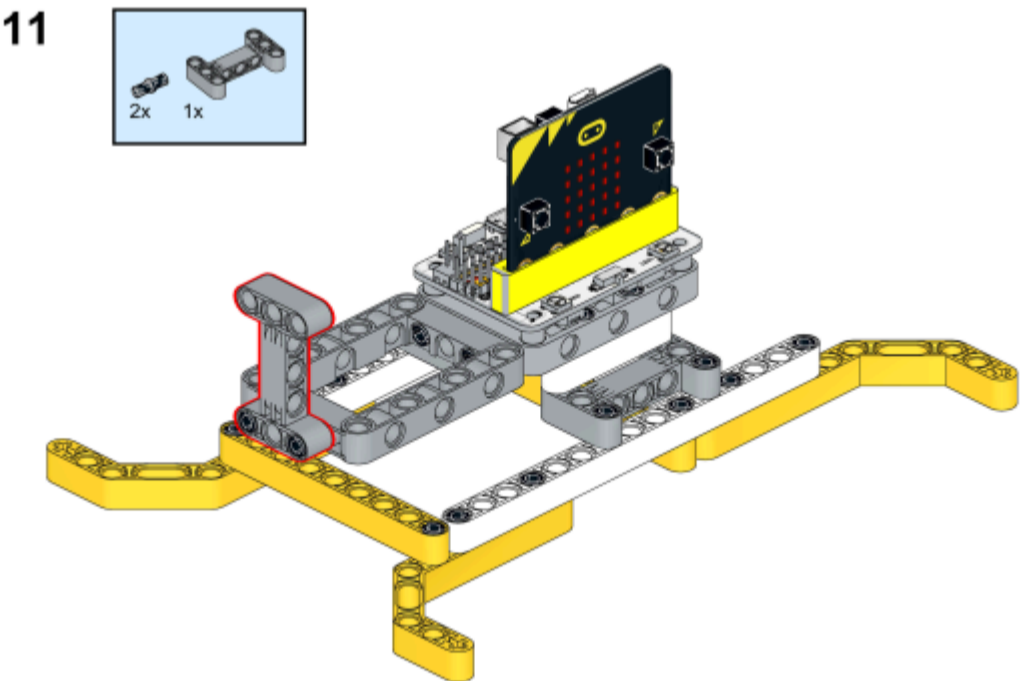
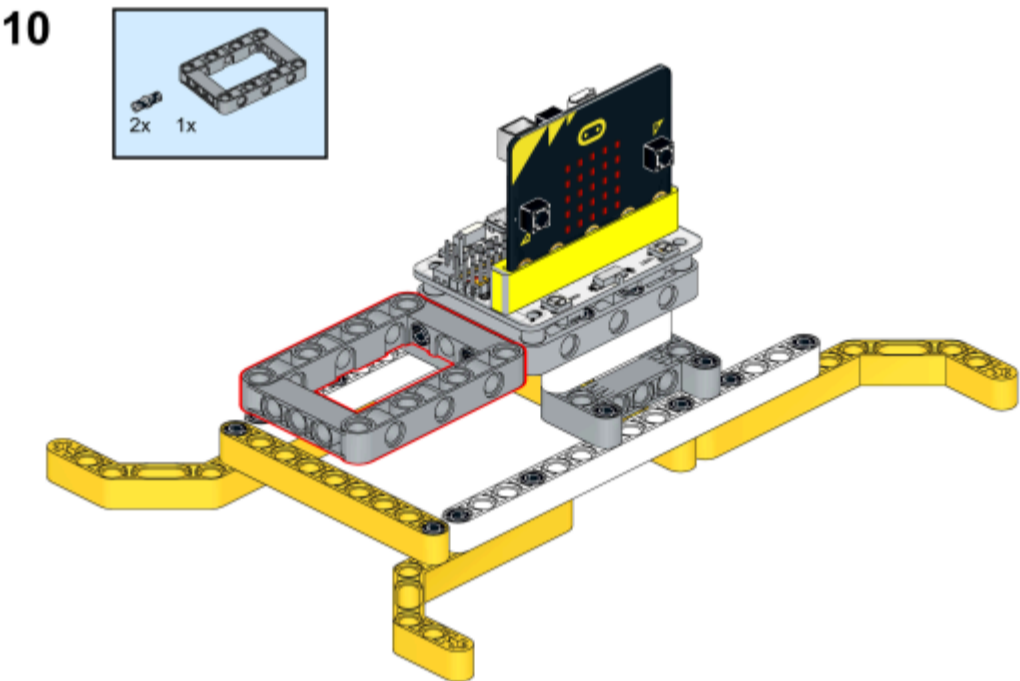
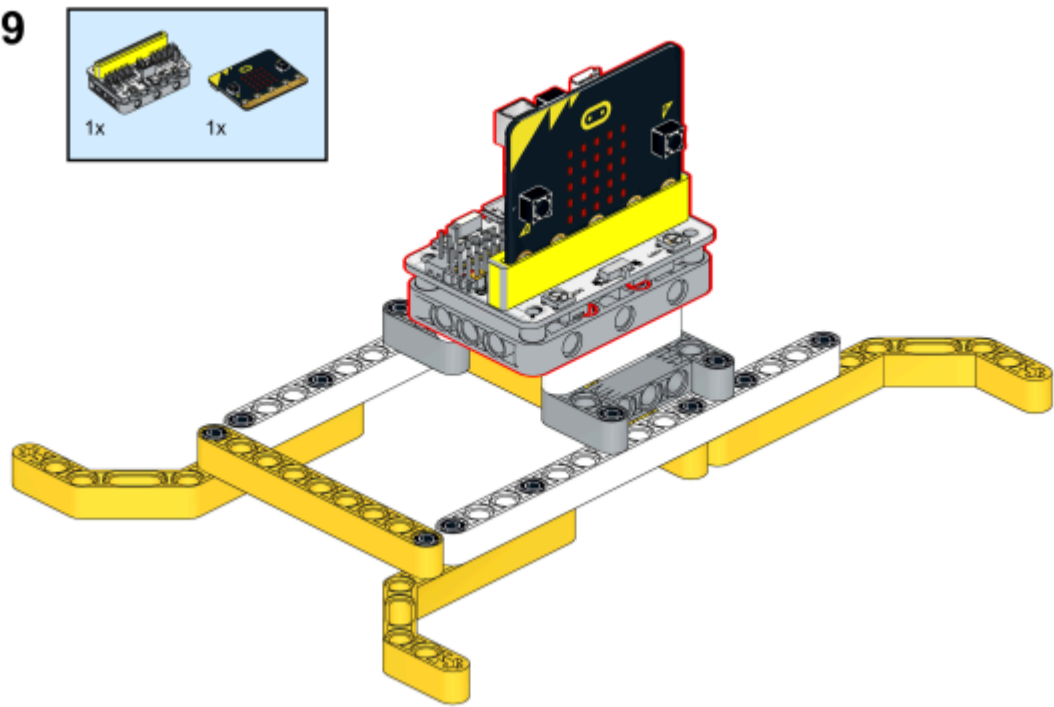


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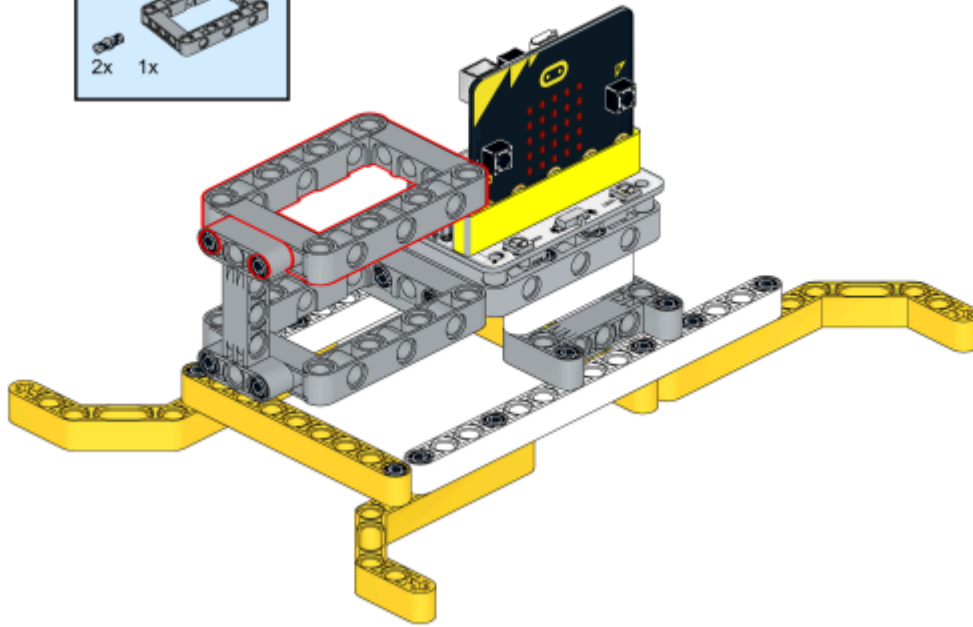
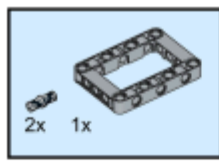


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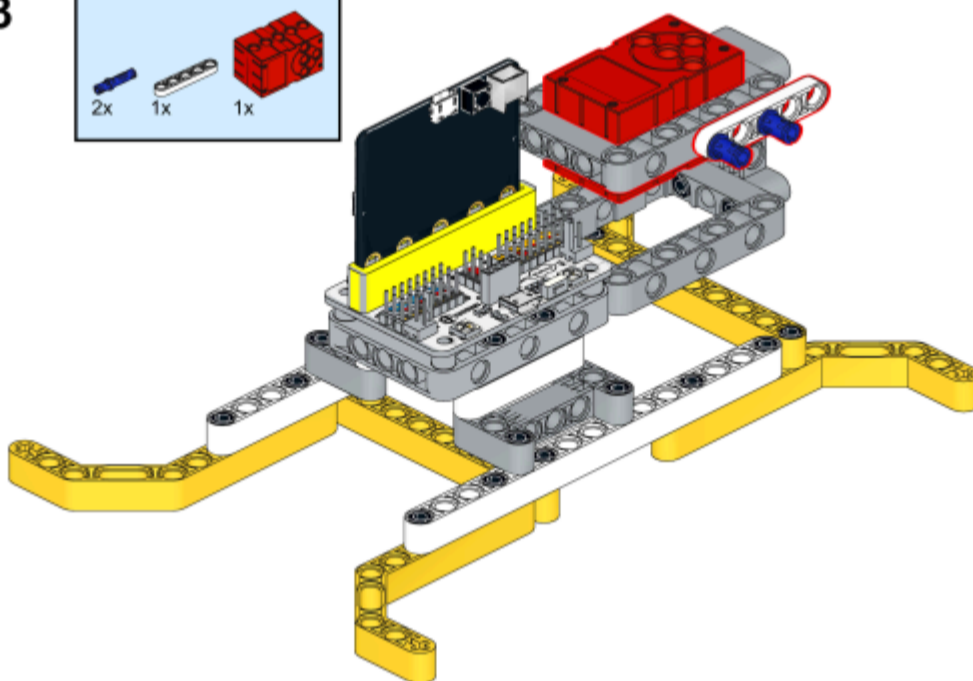
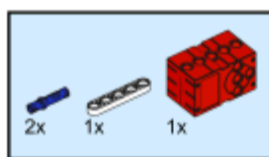




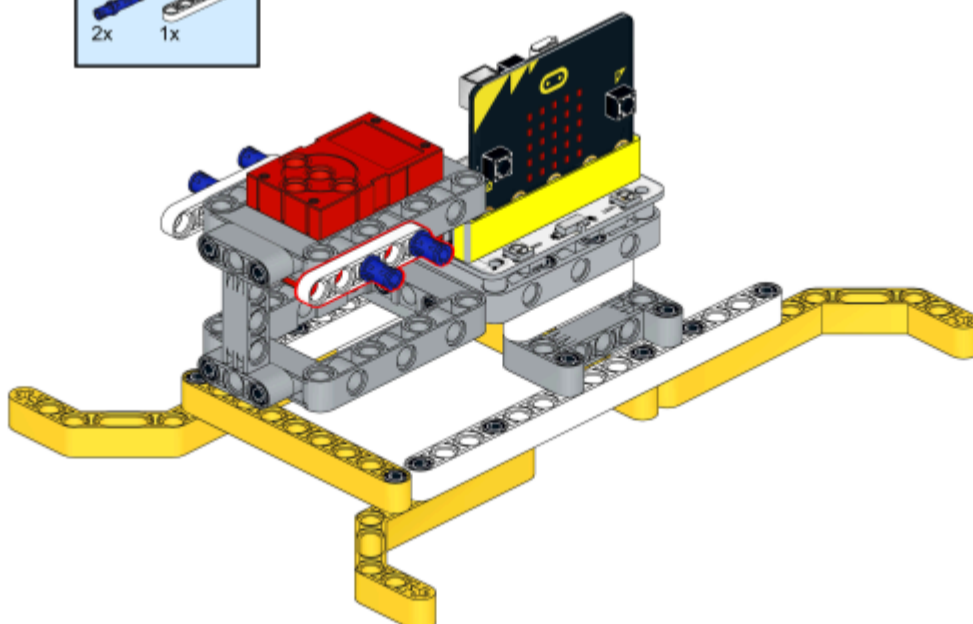
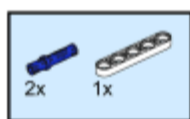
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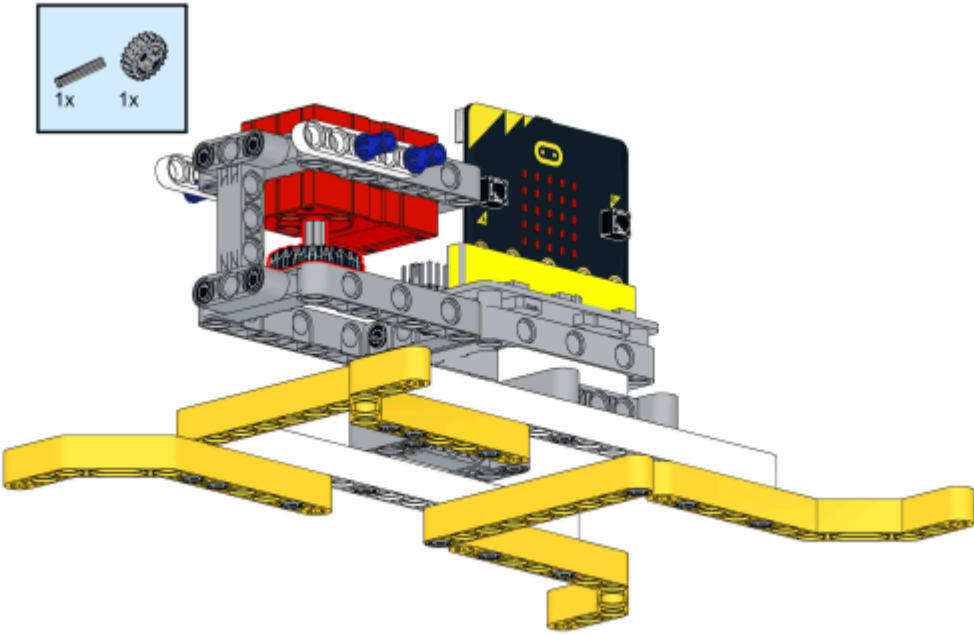
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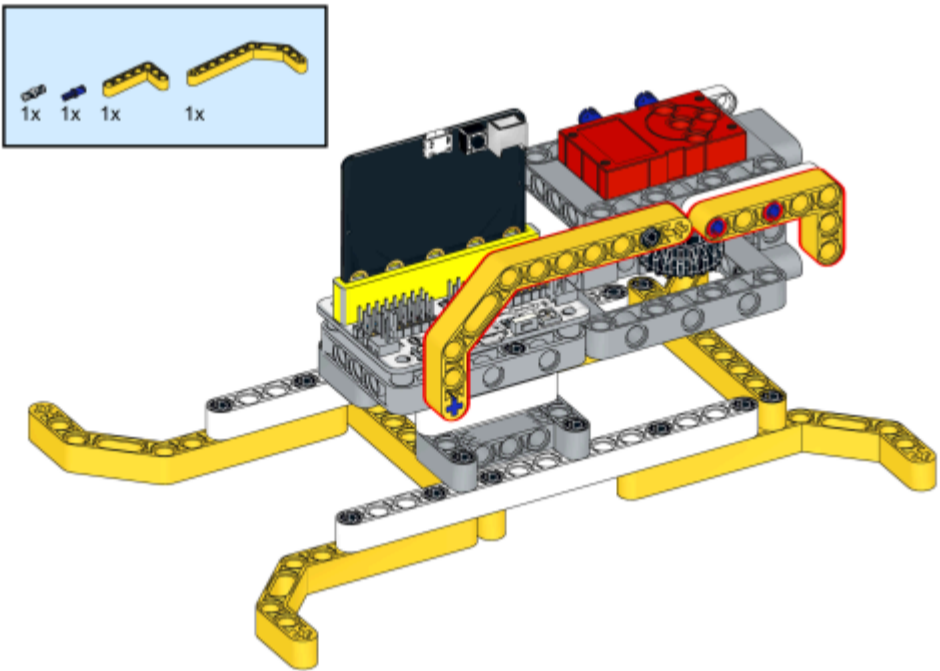
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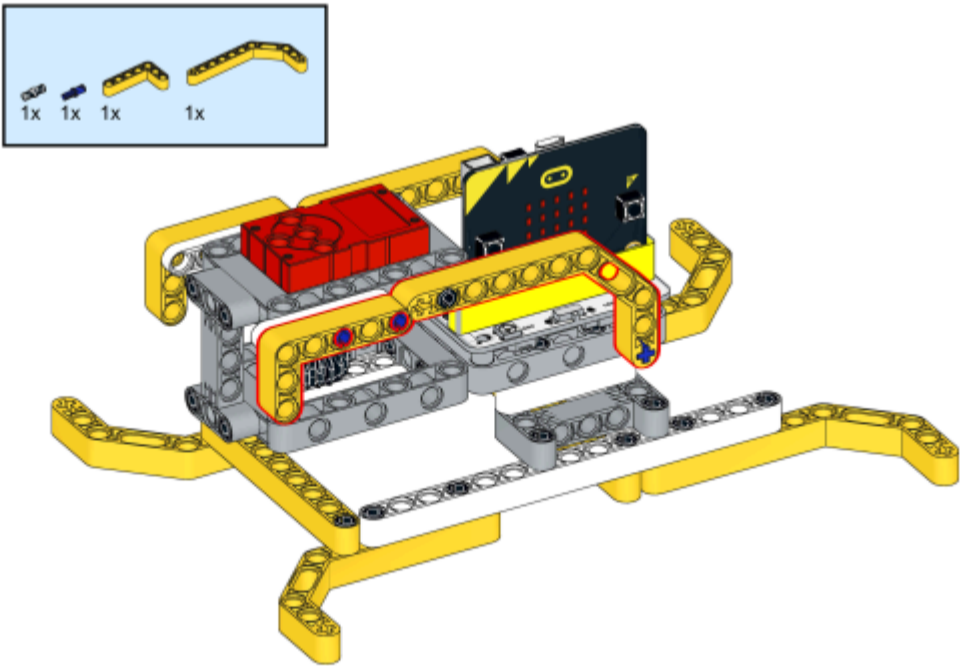
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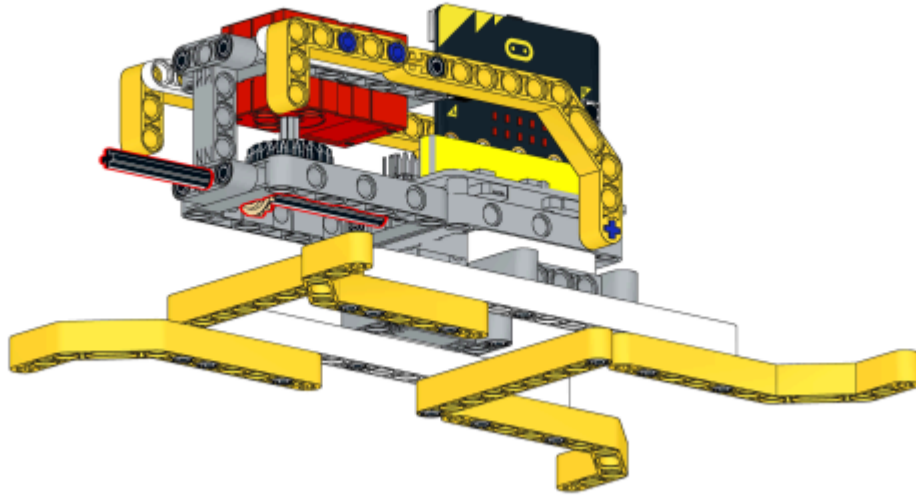
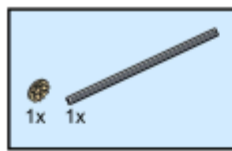
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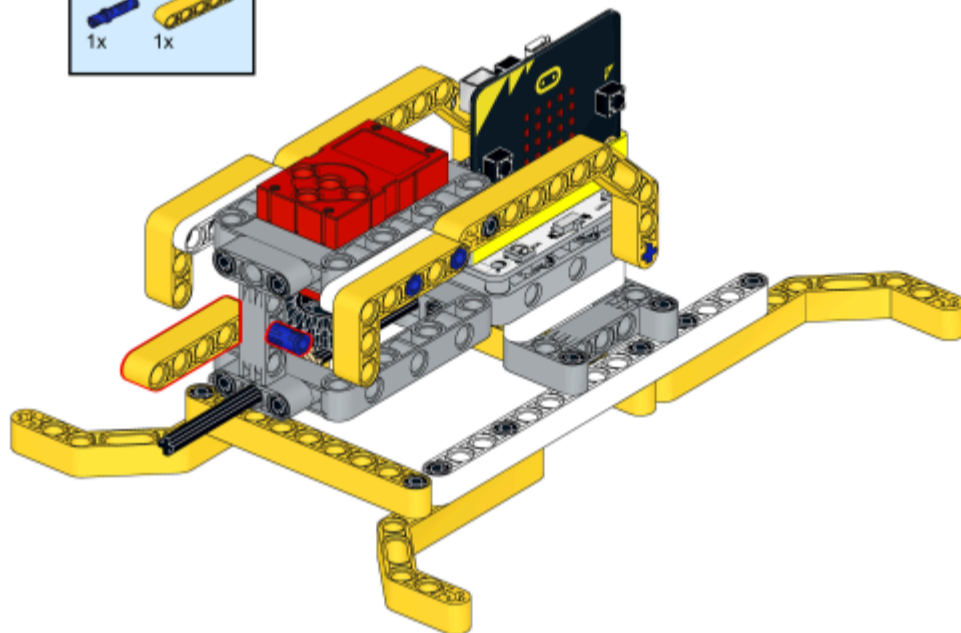
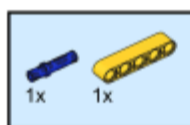
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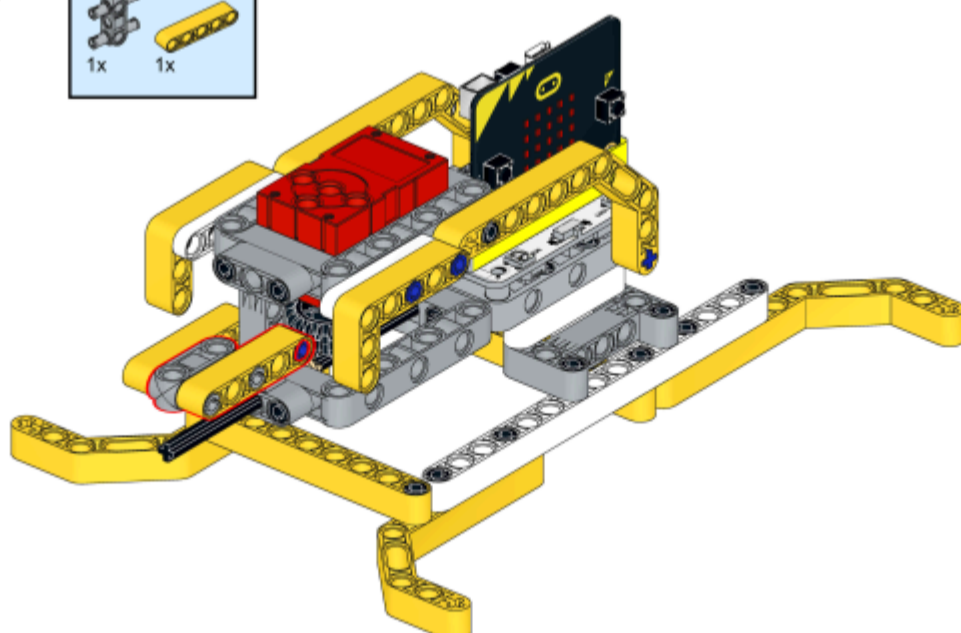
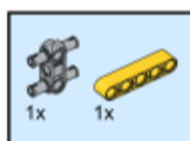
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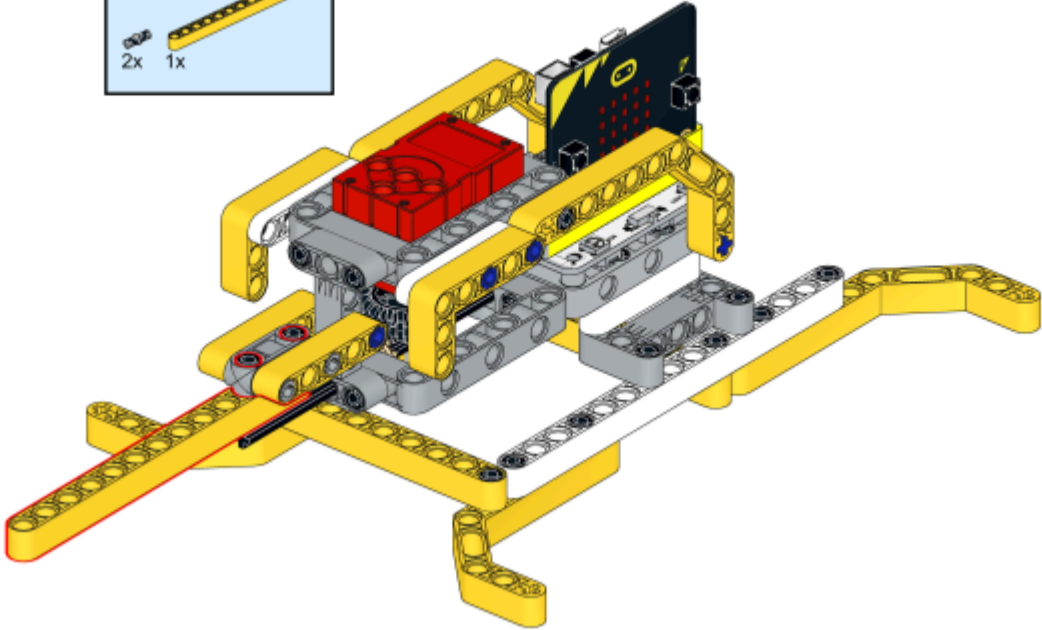
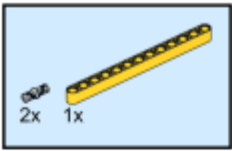
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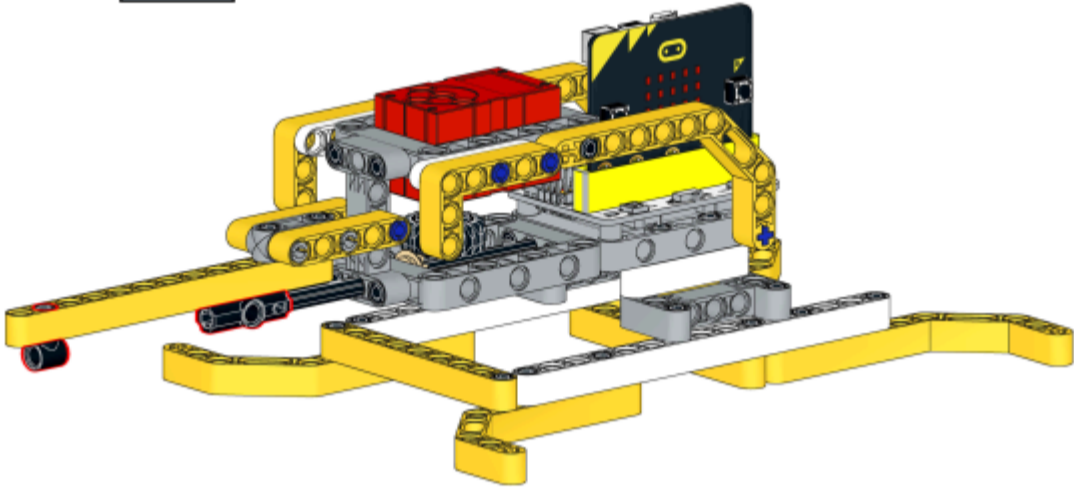
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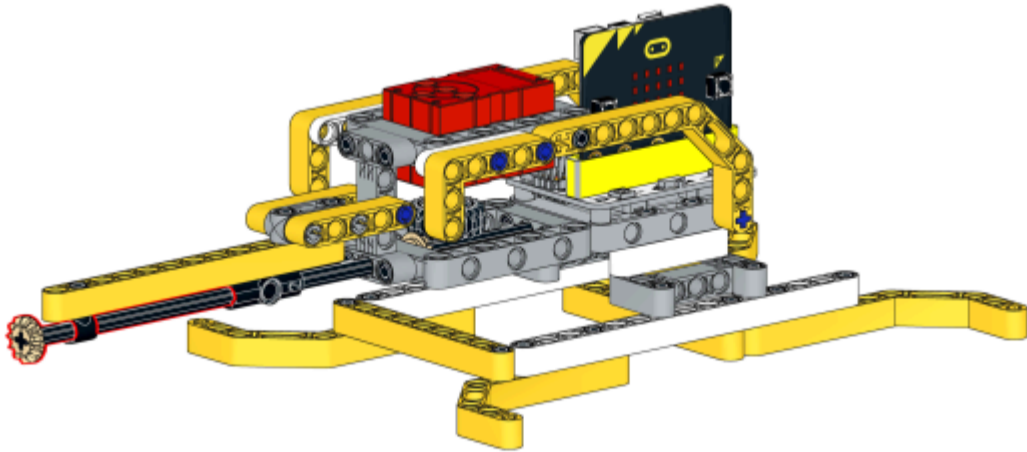
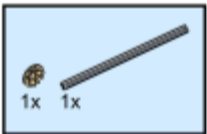
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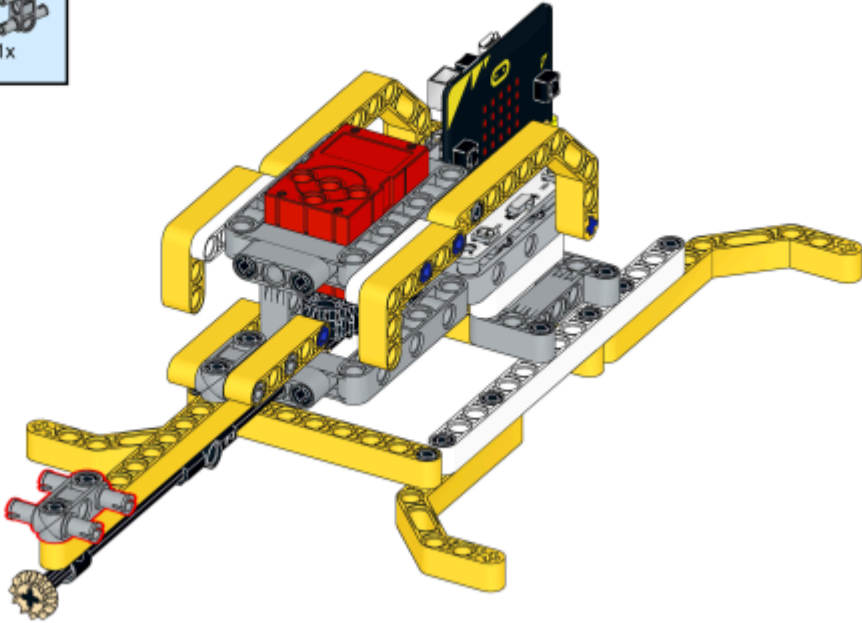
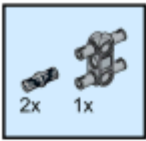
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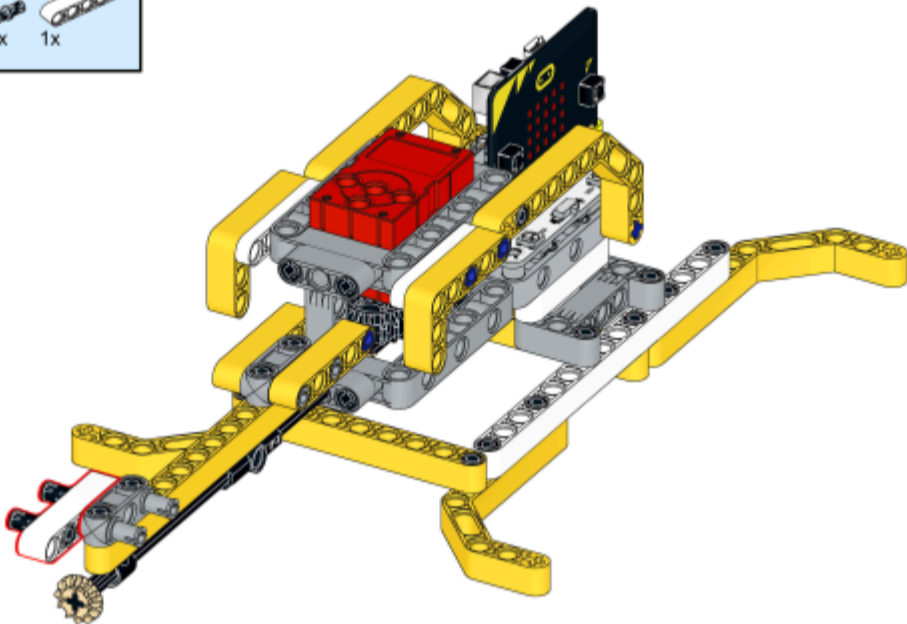
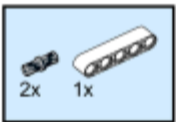
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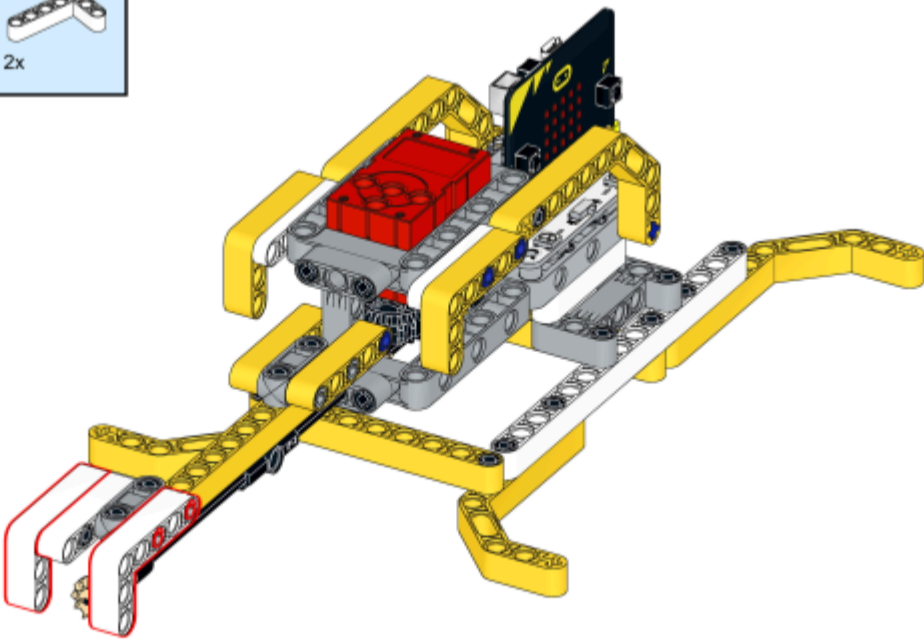
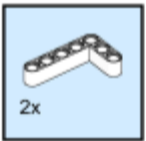
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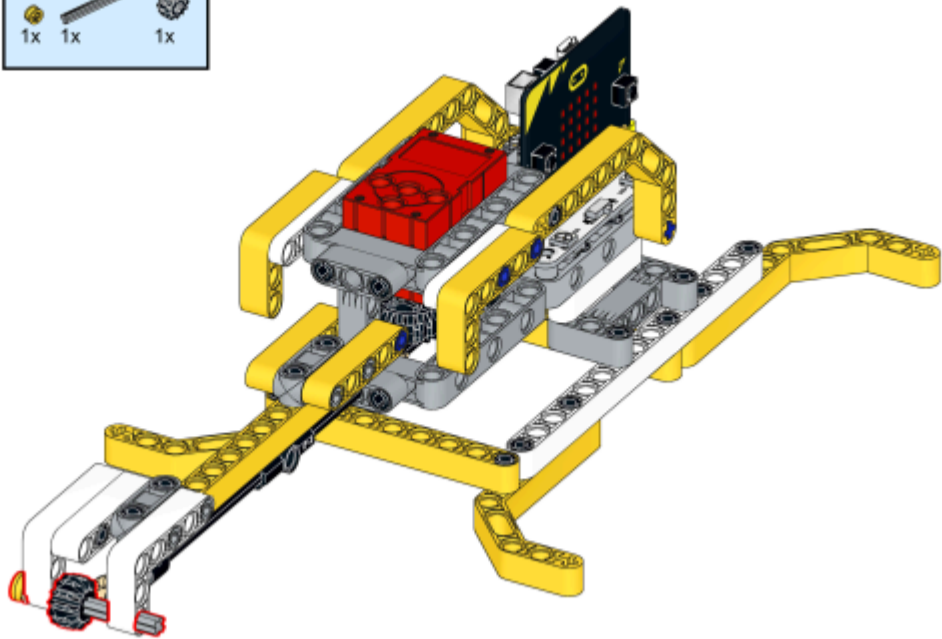
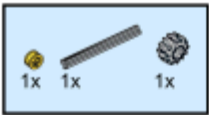
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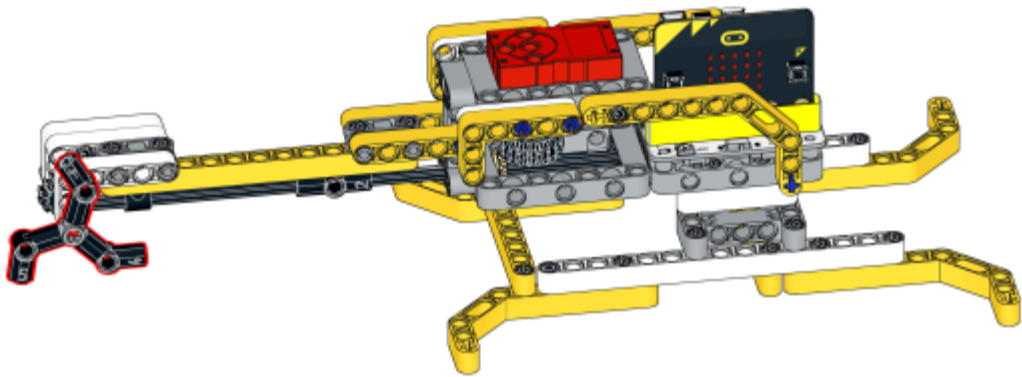
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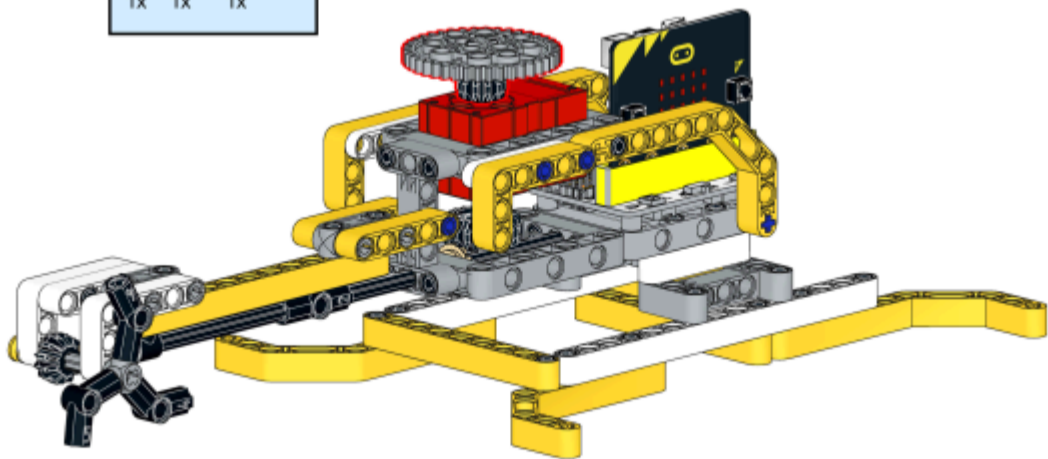
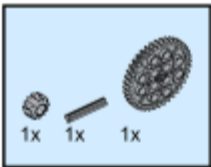
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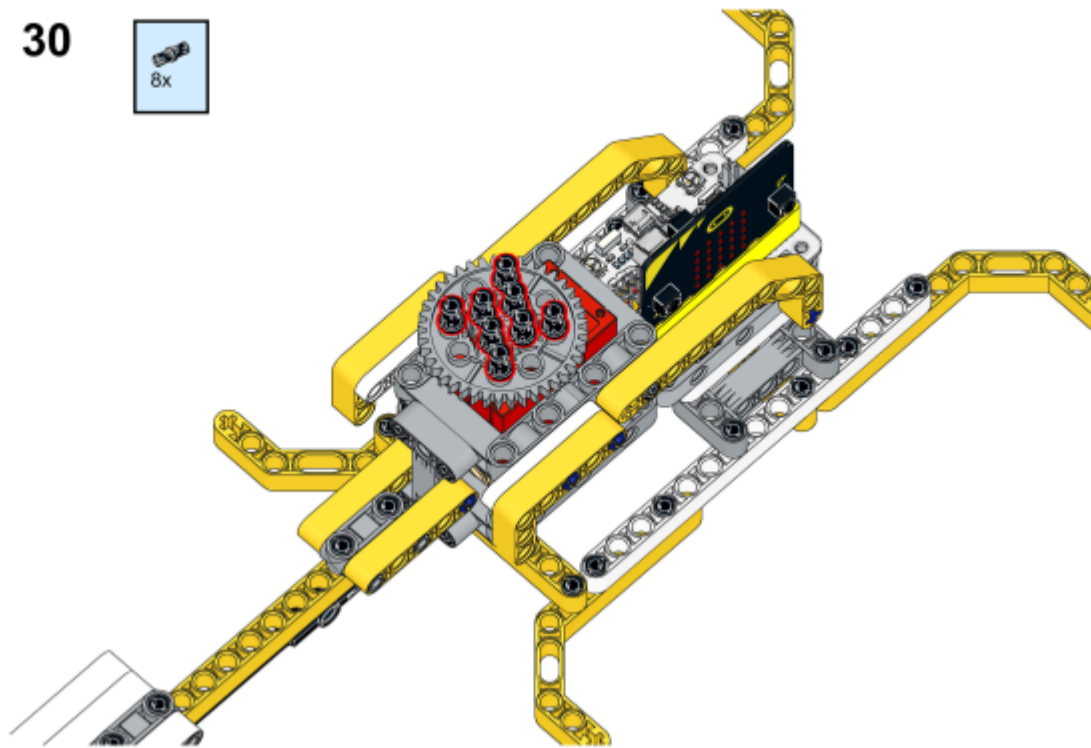
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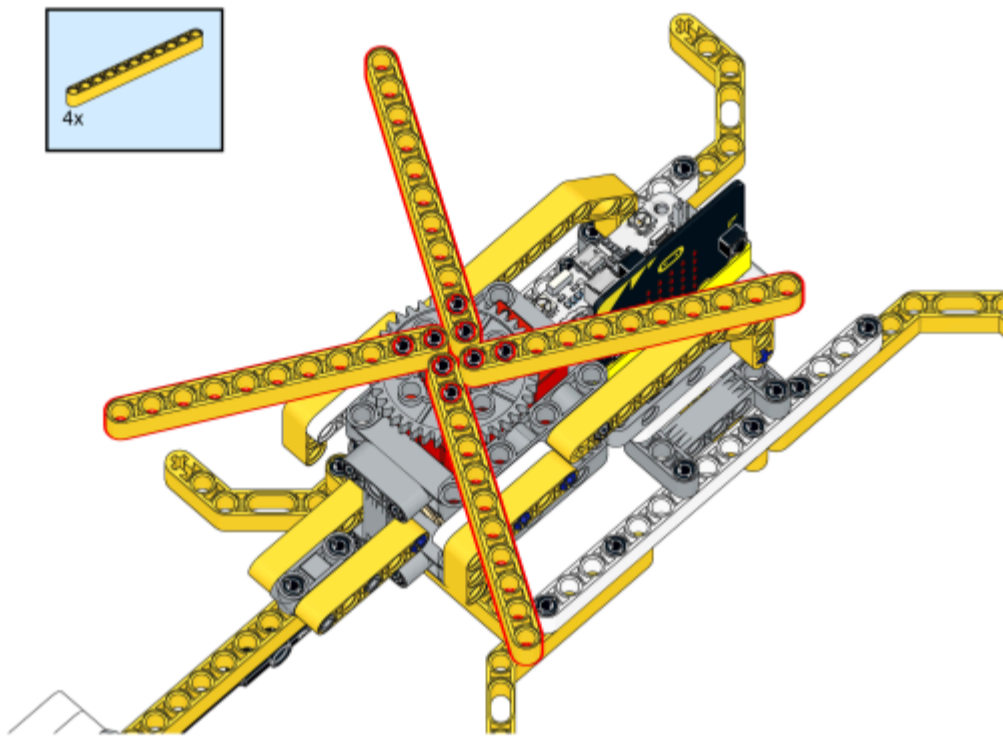
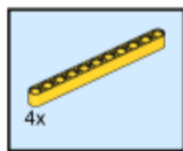
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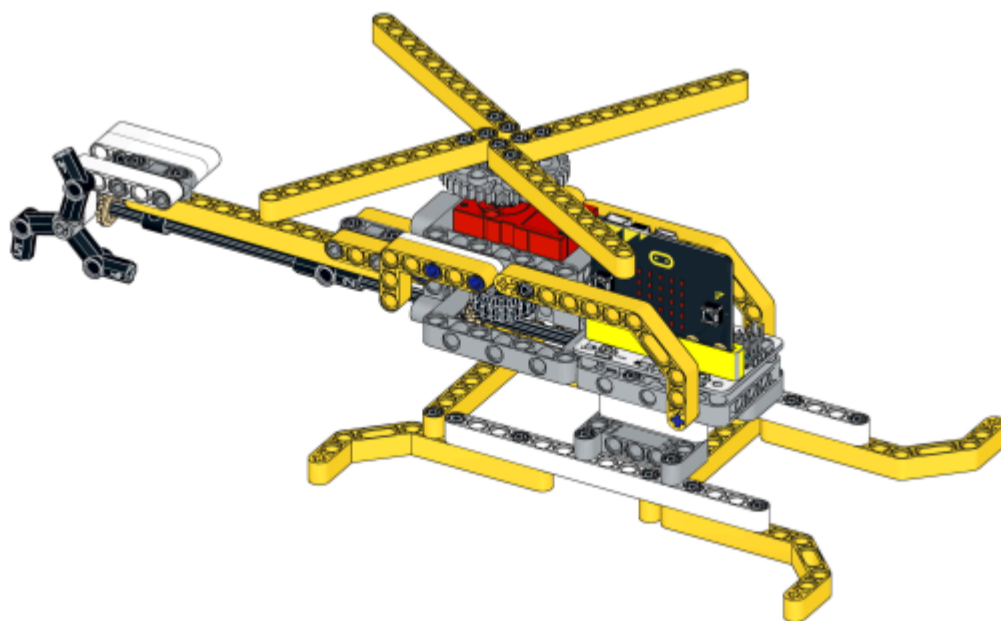
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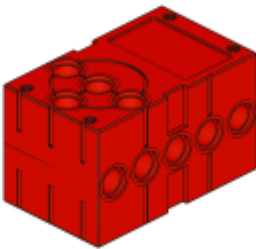
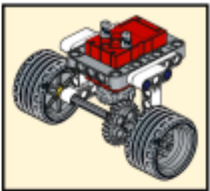
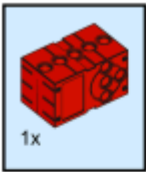
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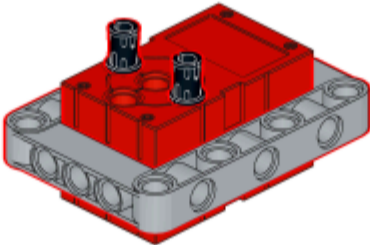
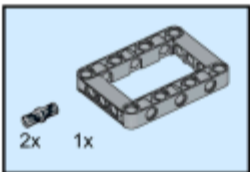
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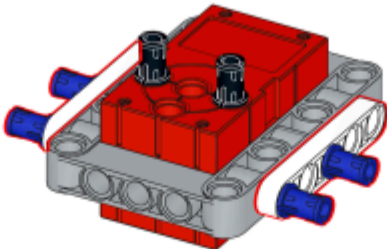
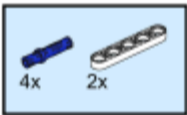
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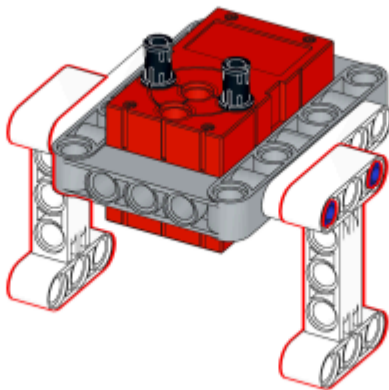
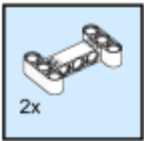
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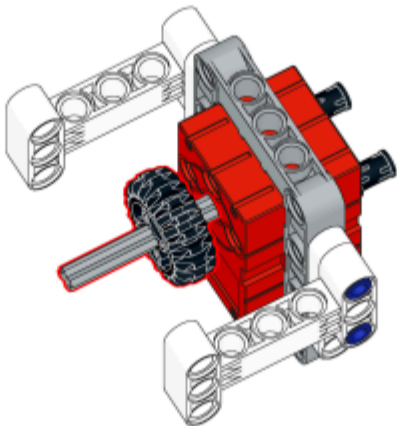
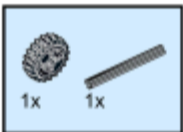
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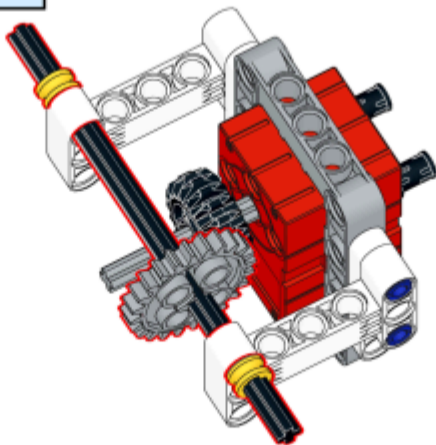
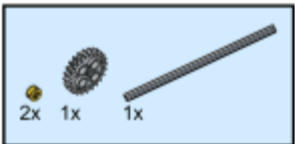
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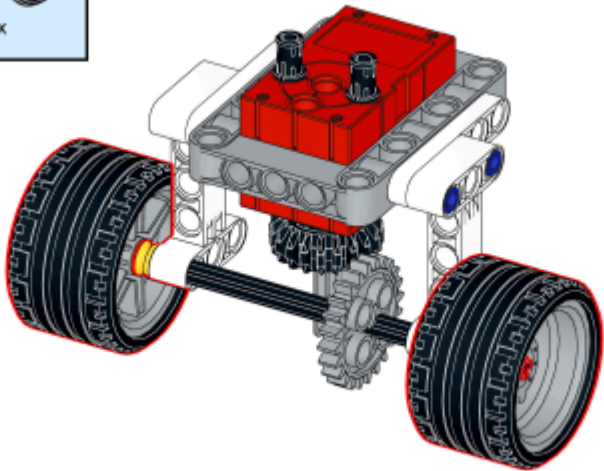
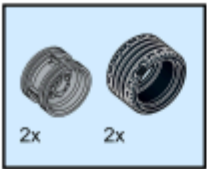
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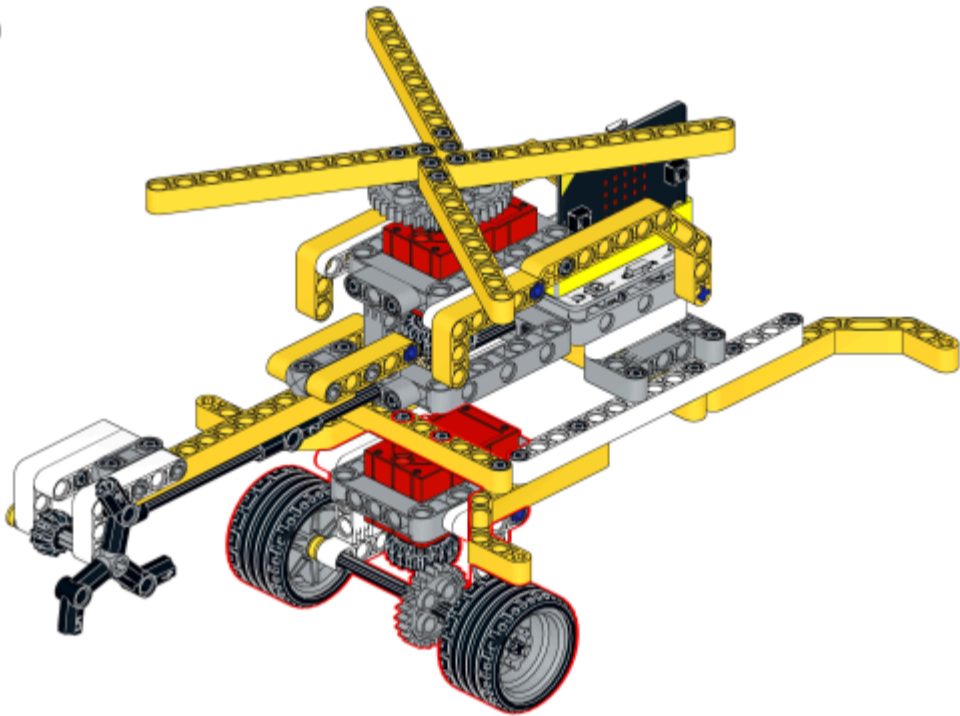
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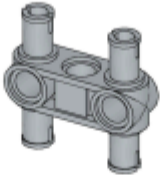
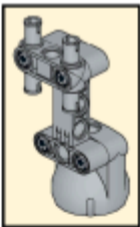
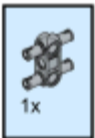
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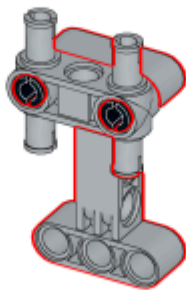
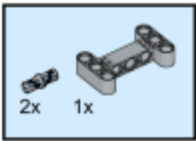
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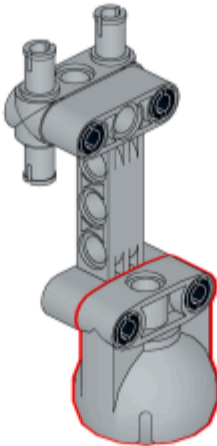
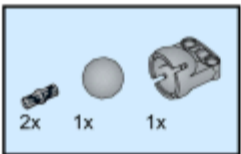
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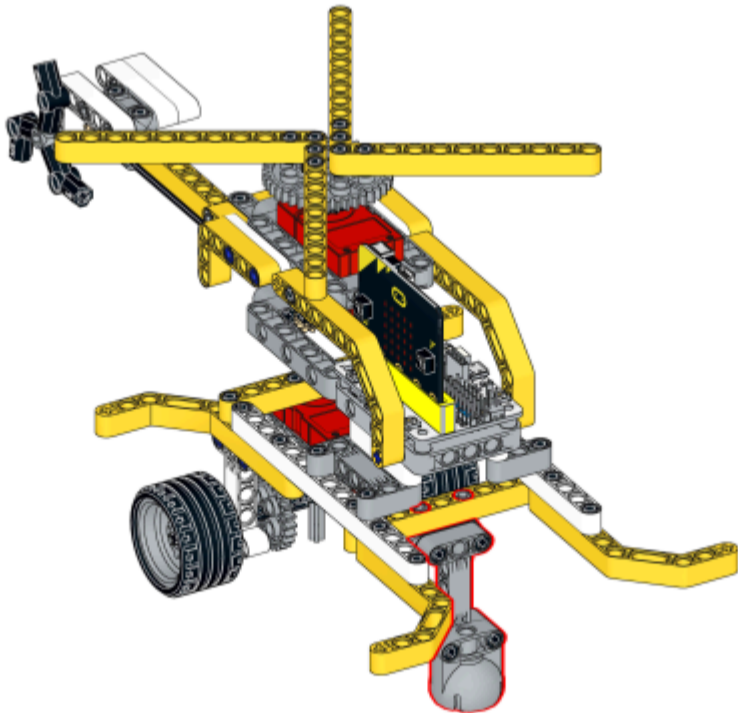
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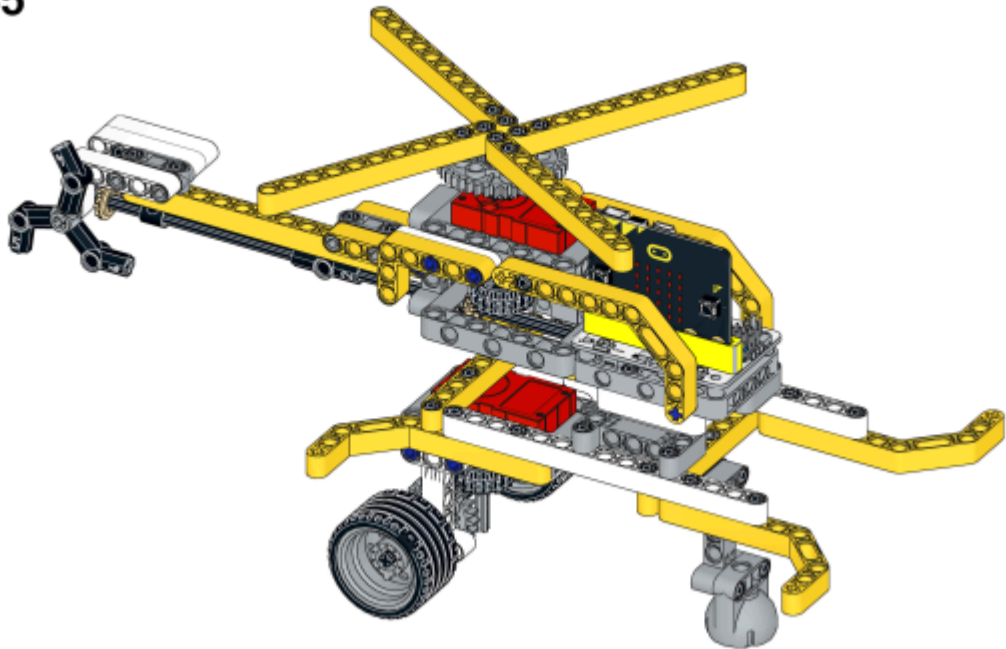
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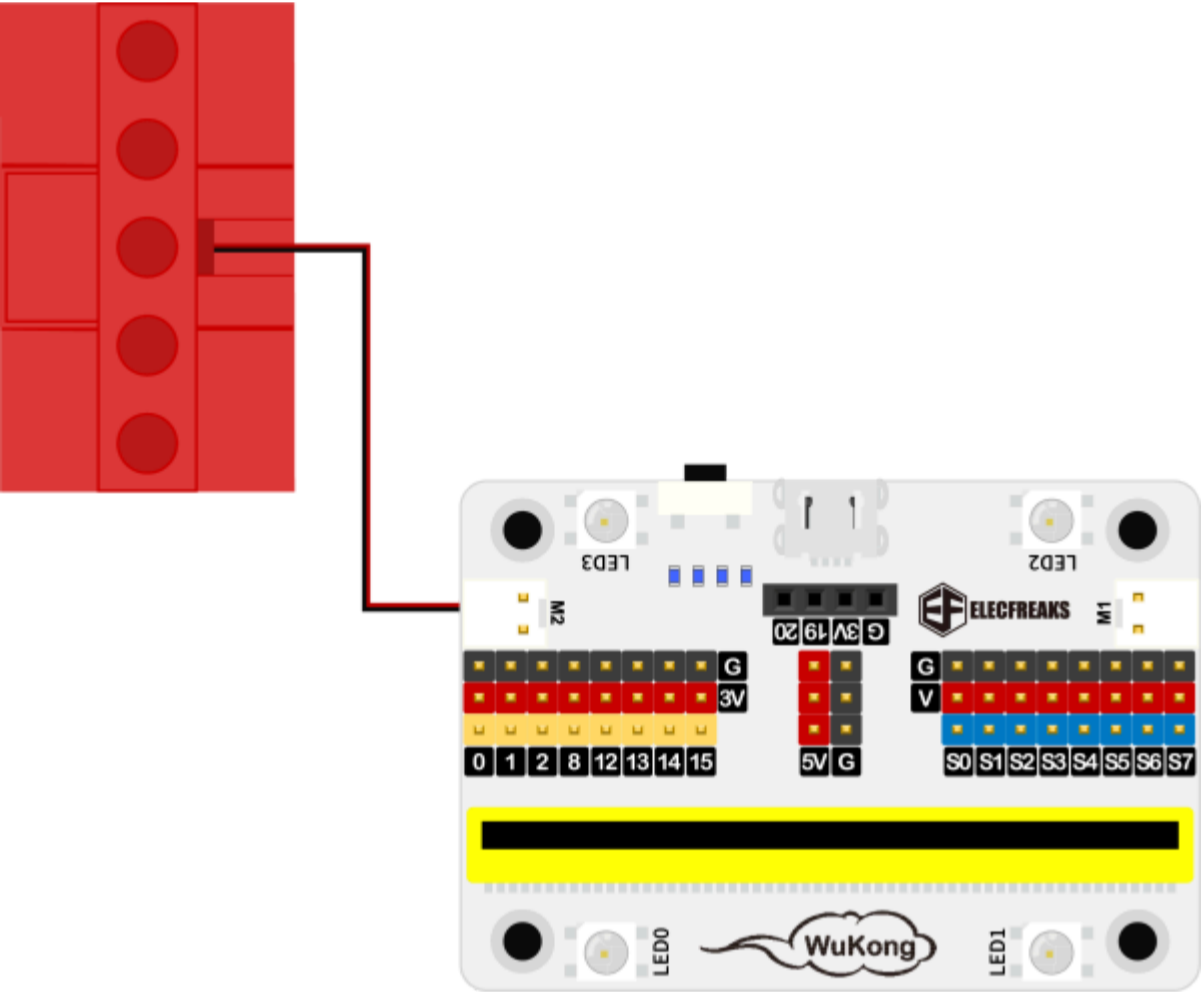


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24.5. Hardware Connection

Connect a [motor](#) to M2 port on [Wukong breakout board](#).



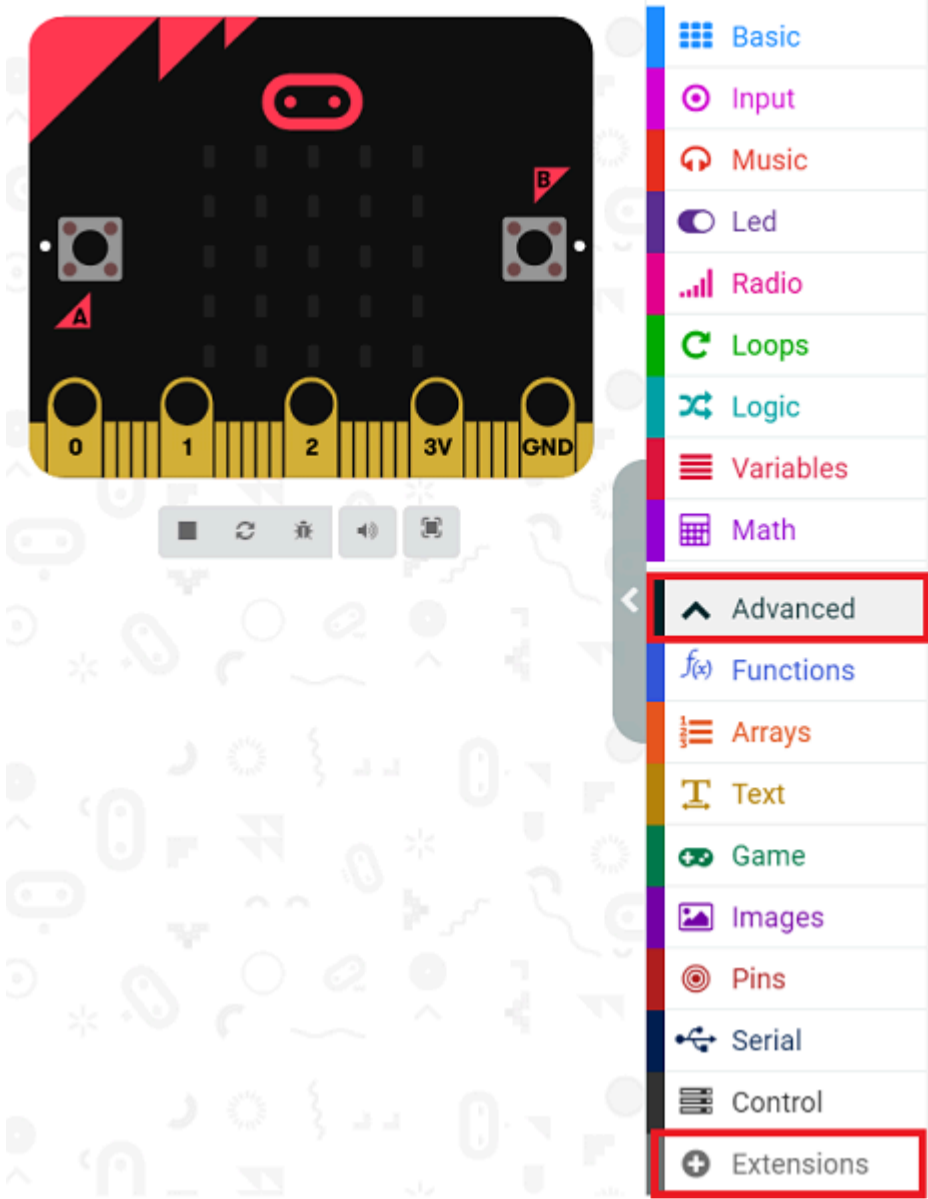
24.6. Software Platform

[MakeCode](#)

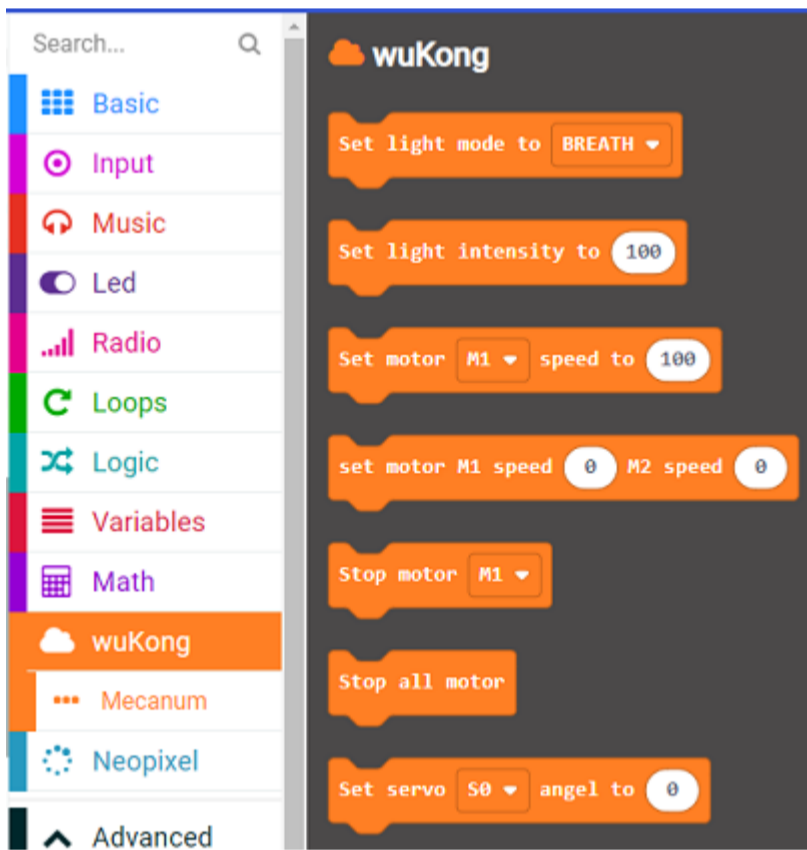
24.7. Coding

Add extensions

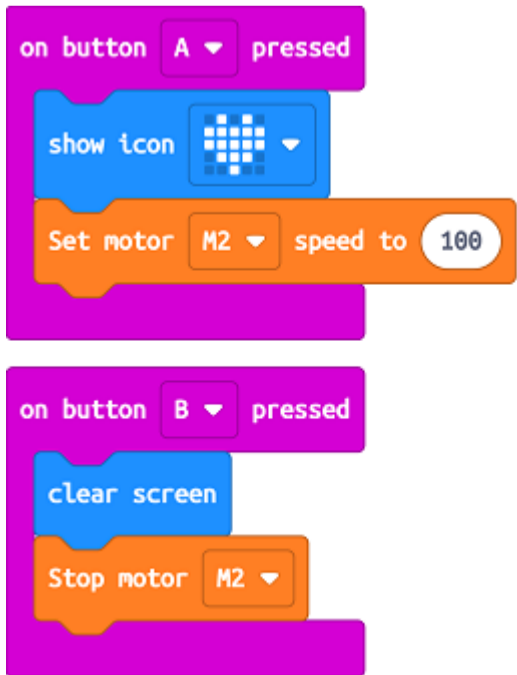
Click “Advanced” in the MakeCode to see more choices.



Search with Wukong in the dialogue box to download it.



Program



Link: https://makecode.microbit.org/_2zv14dduY6D7

Result

When button A is pressed, the micro:bit displays a heart pattern and the helicopter propeller starts to rotate; when button B is pressed, the micro:bit screen is cleared and the helicopter propeller stops rotating.

By ELECFREAKS Team

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