

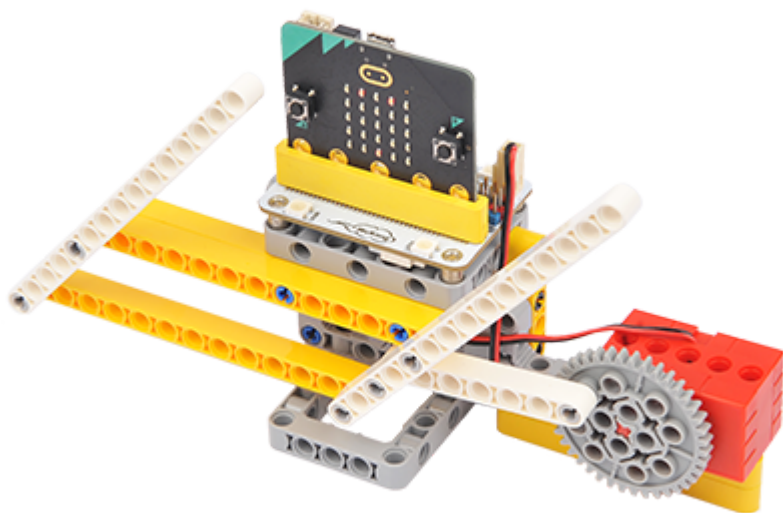
Case 28:The Wiper

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30.1. Purpose

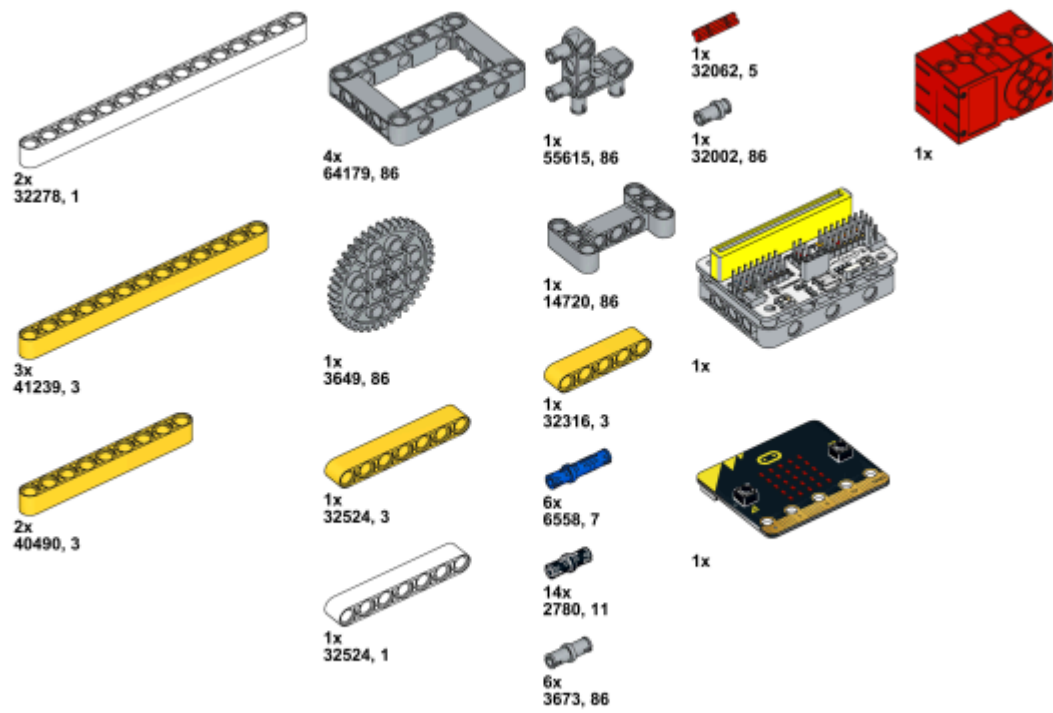
Make a wiper.



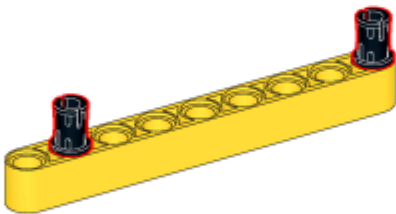
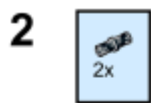
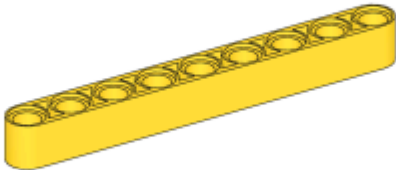
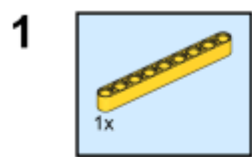
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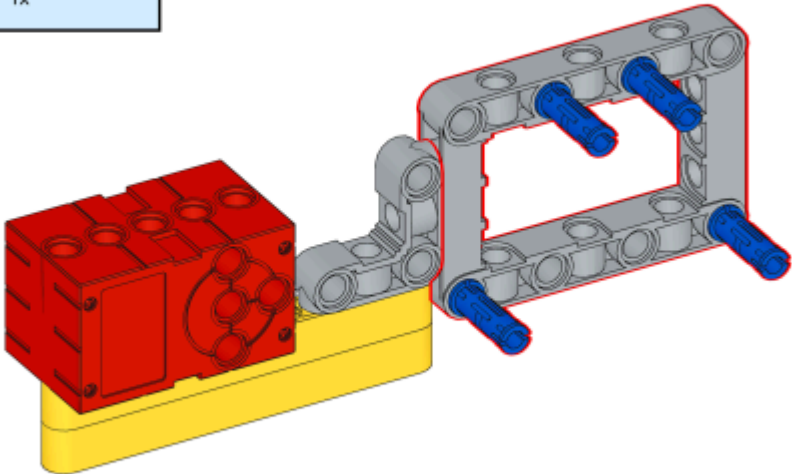
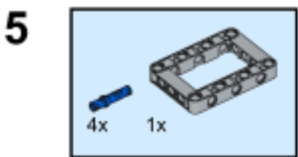
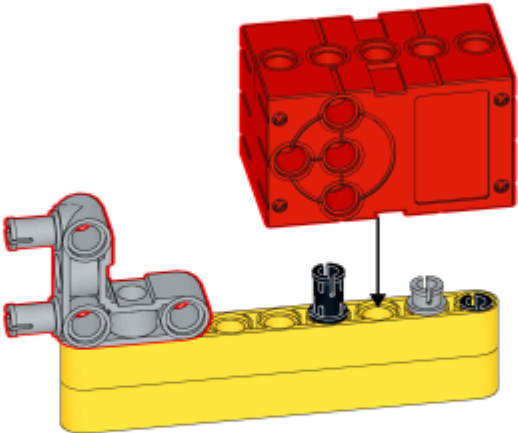
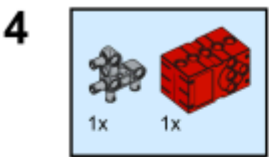
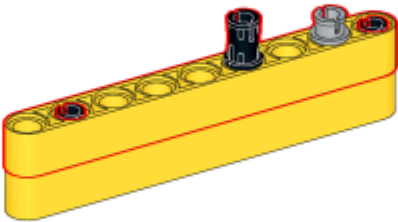
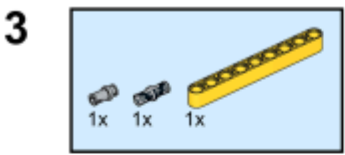
[micro:bit Wonder Building Kit](#)

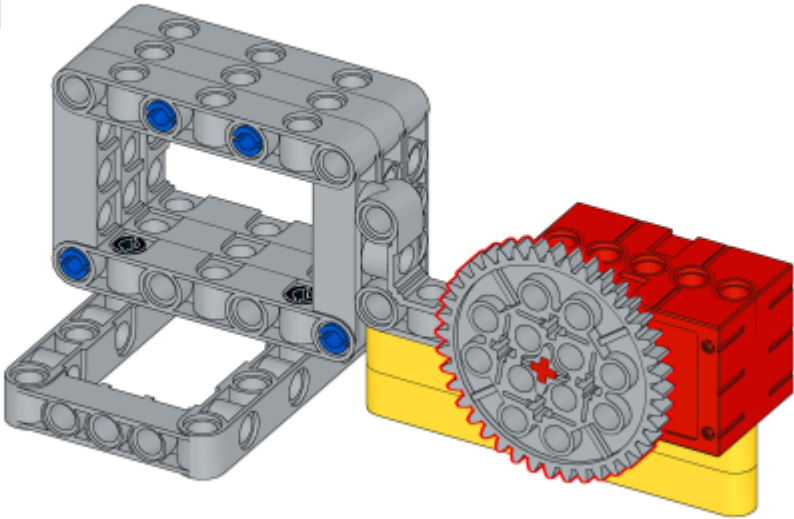
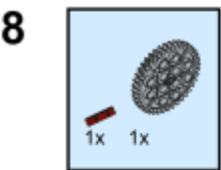
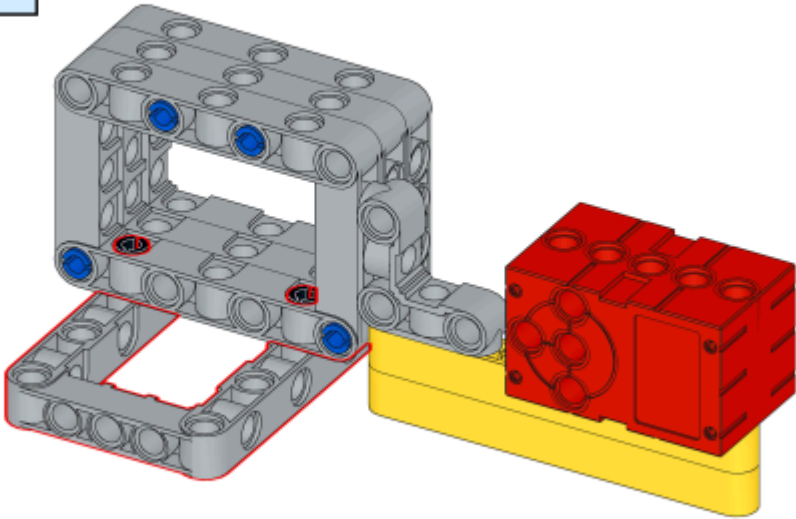
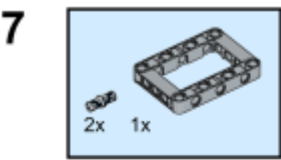
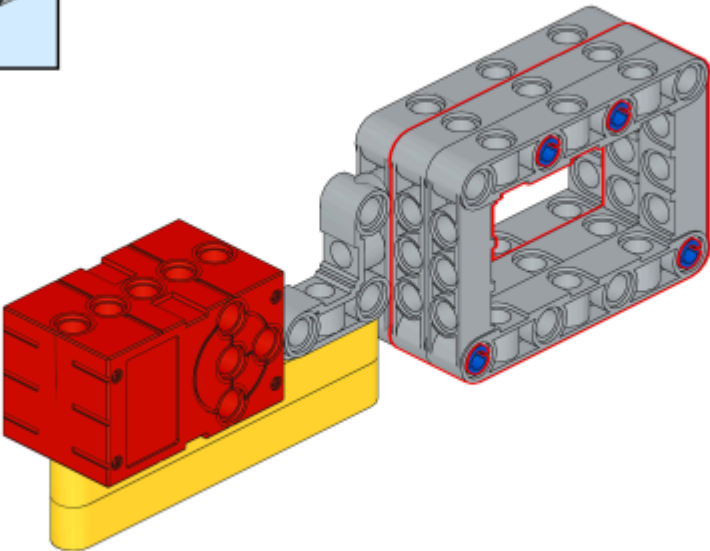
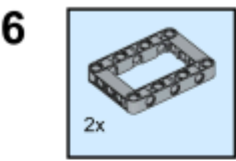
30.3. Materials Required

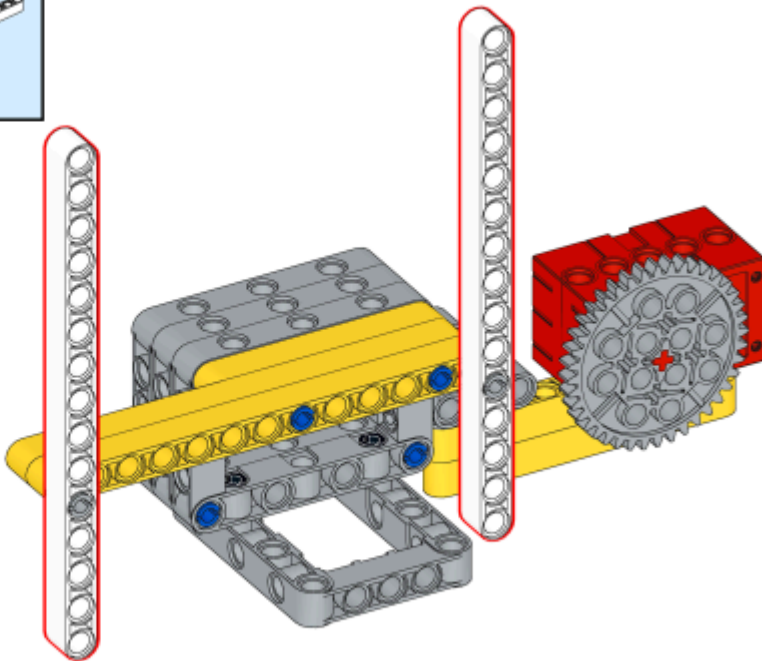
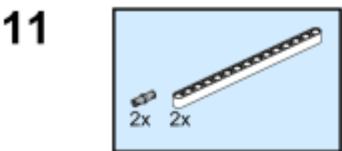
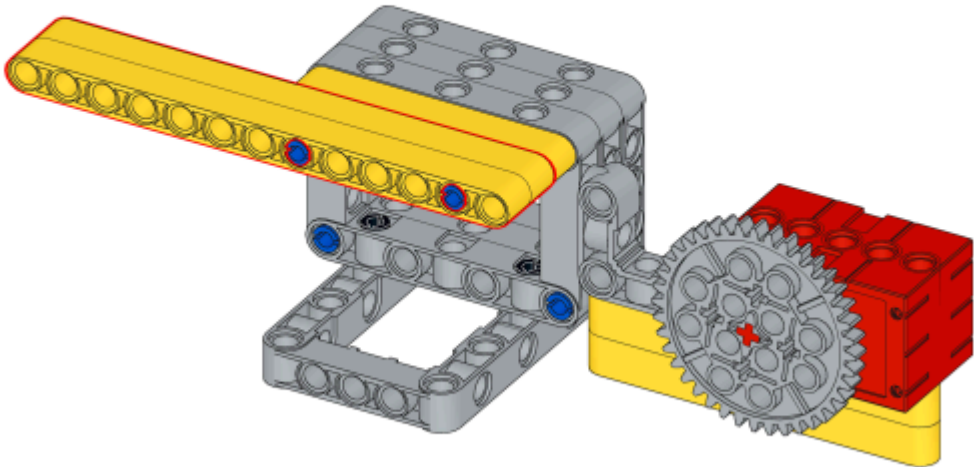
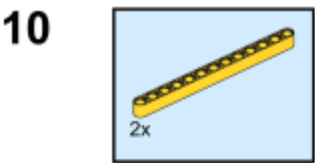
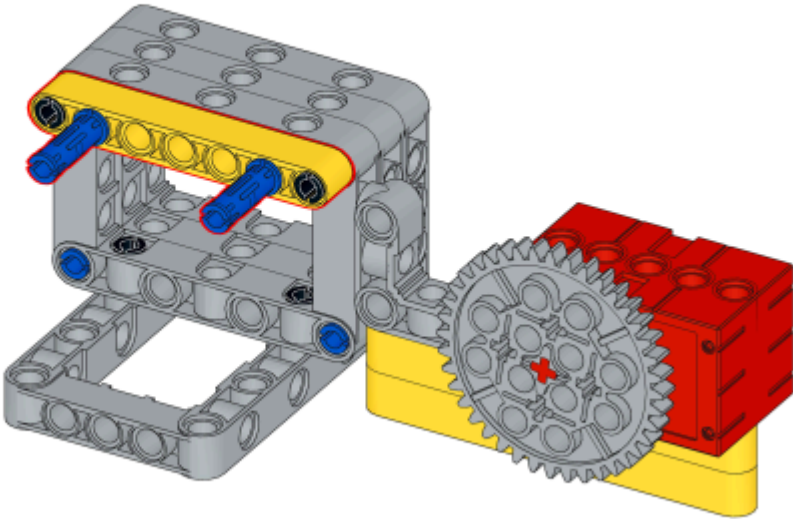
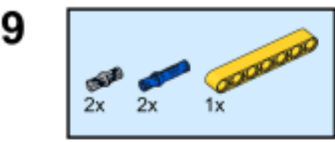


30.4. Bricks build-up

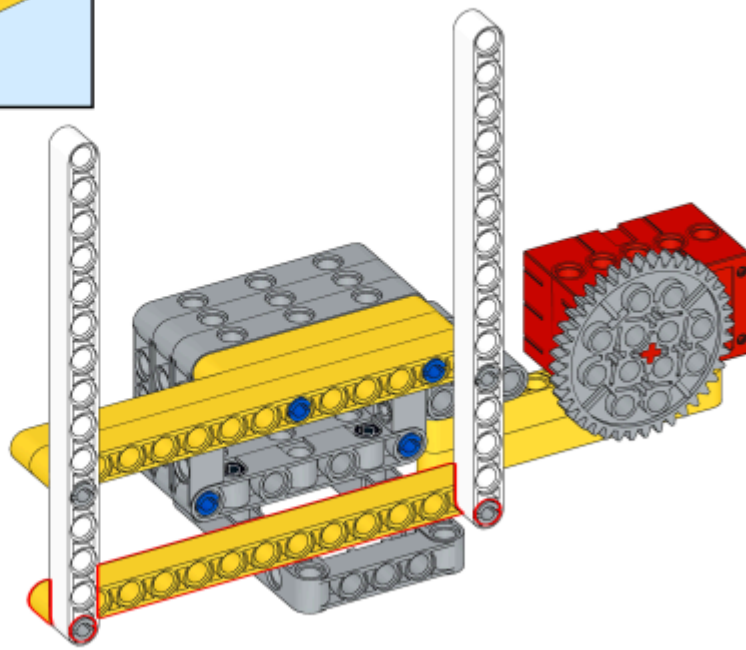
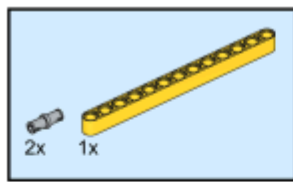




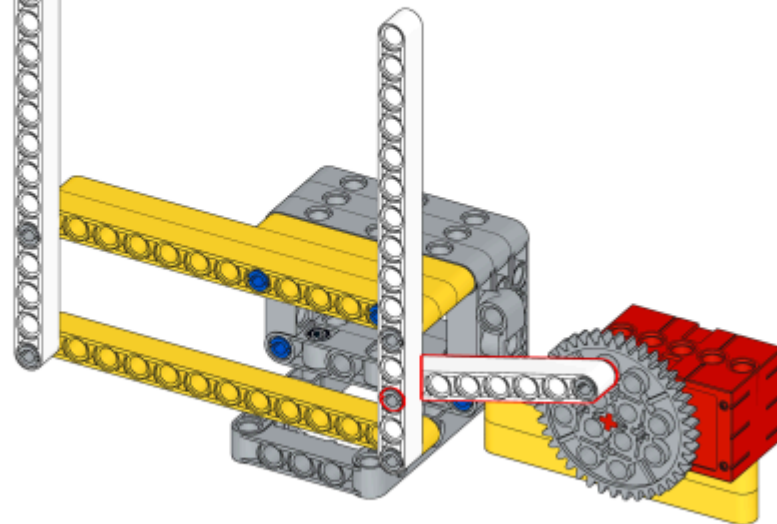
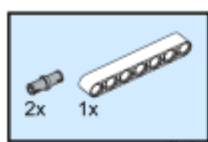




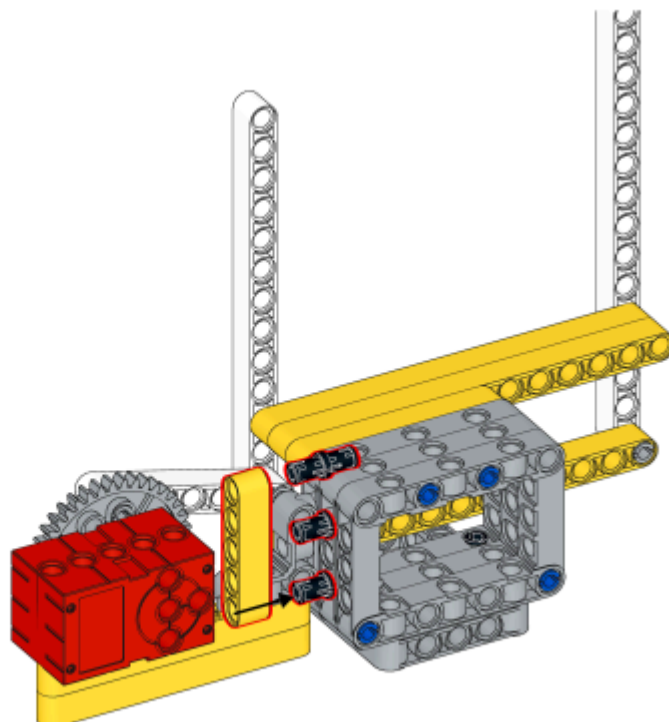
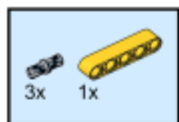
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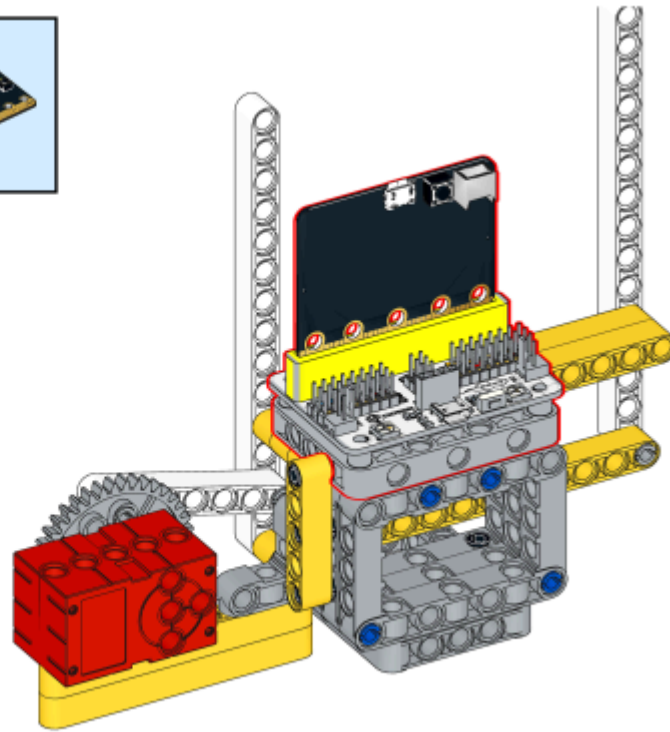
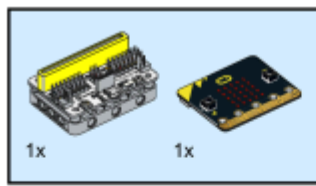
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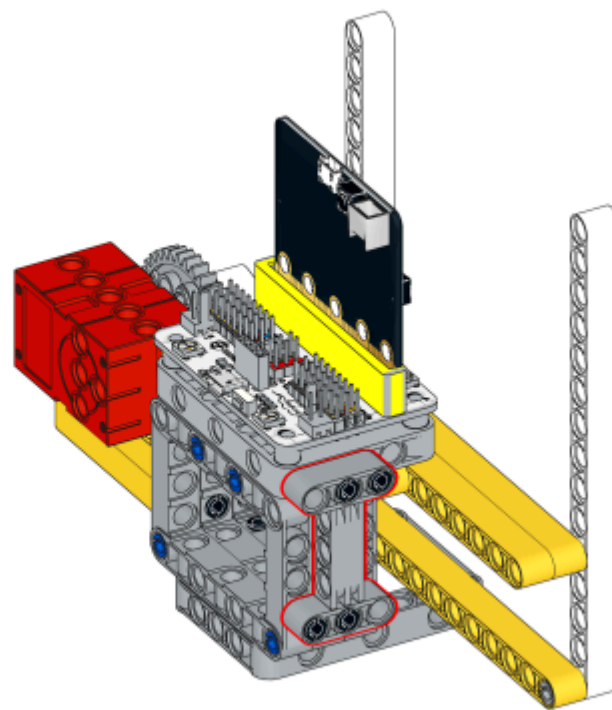
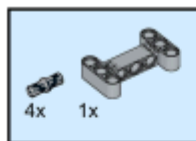
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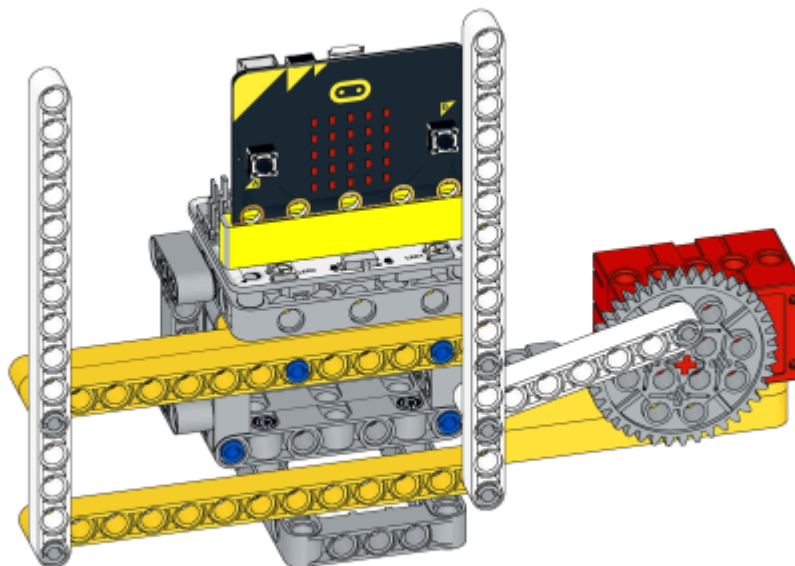
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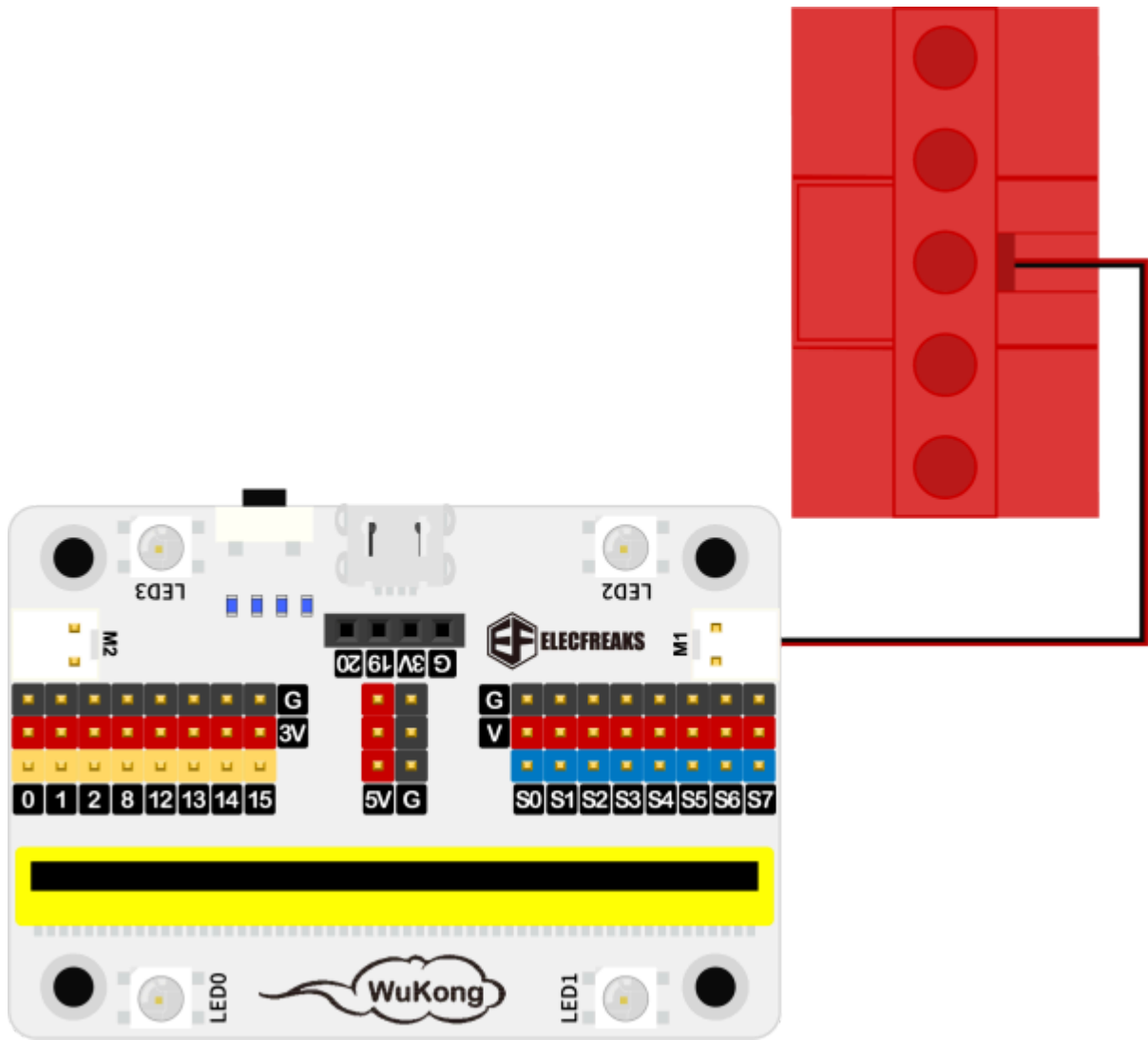


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30.5. Hardware Connection

Connect a [motor](#) to M1 port on [Wukong breakout board](#).



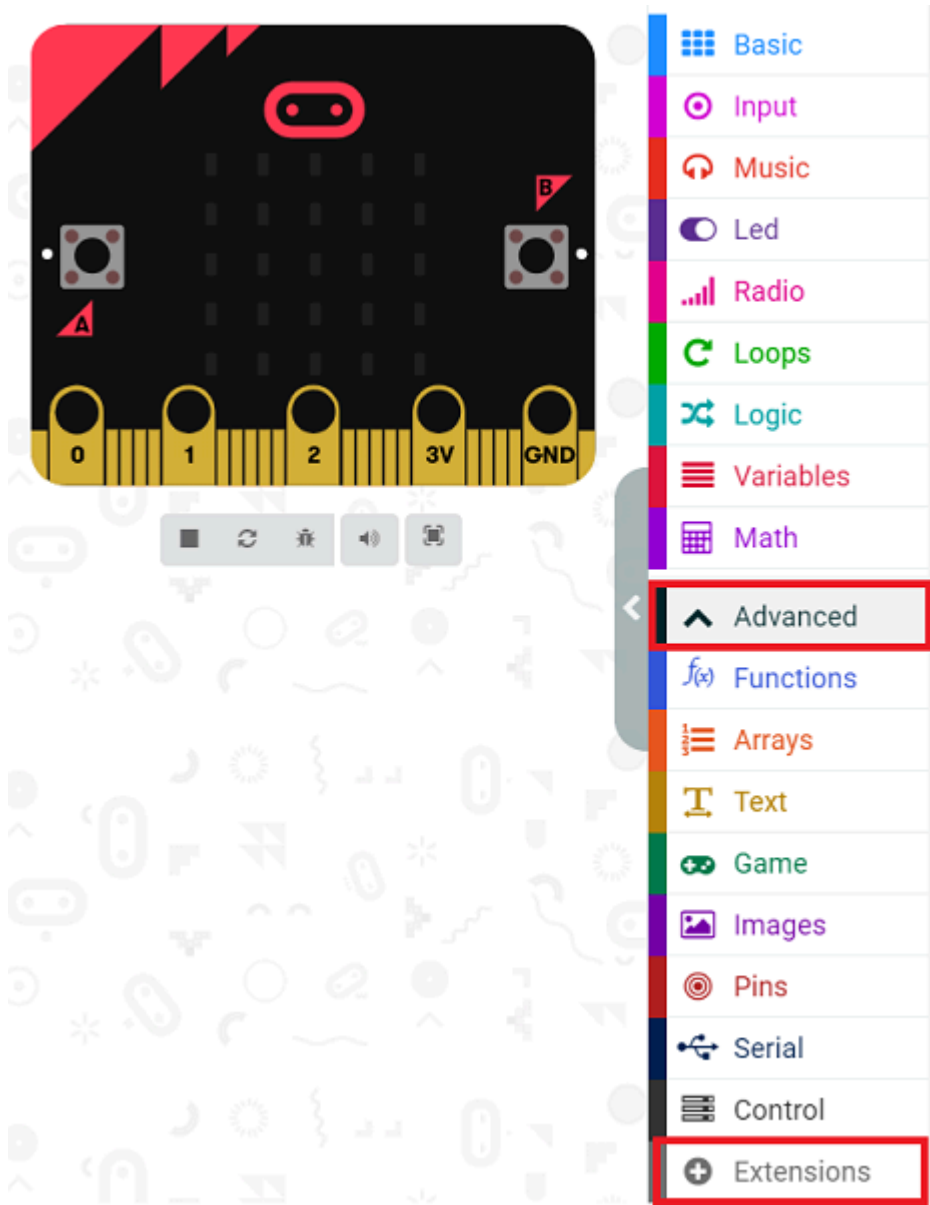
30.6. Software Platform

[MakeCode](#)

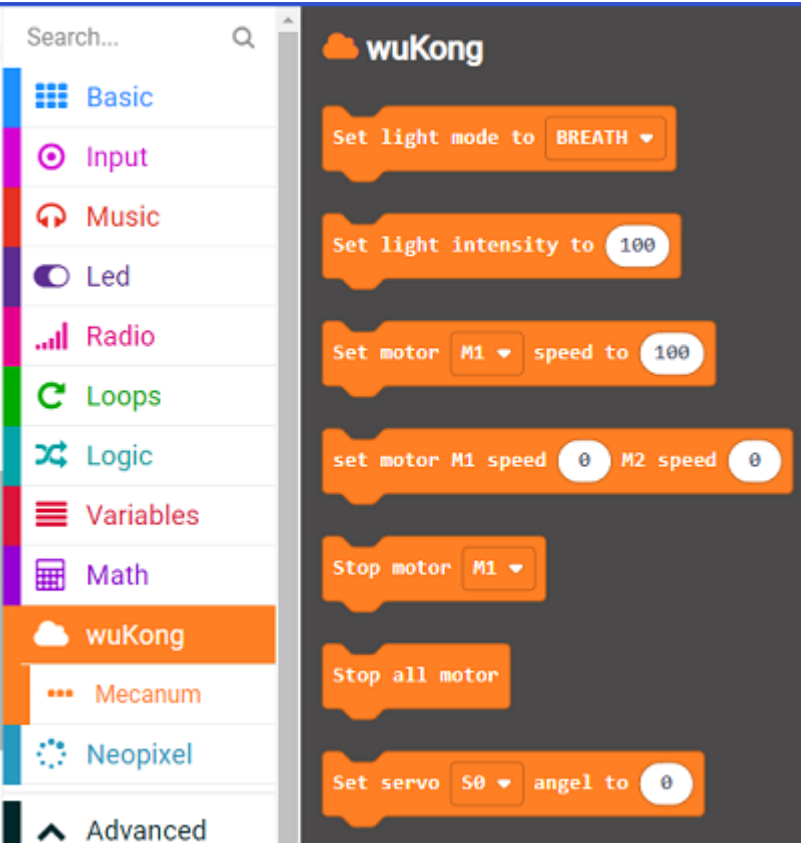
30.7. Coding

Add extensions

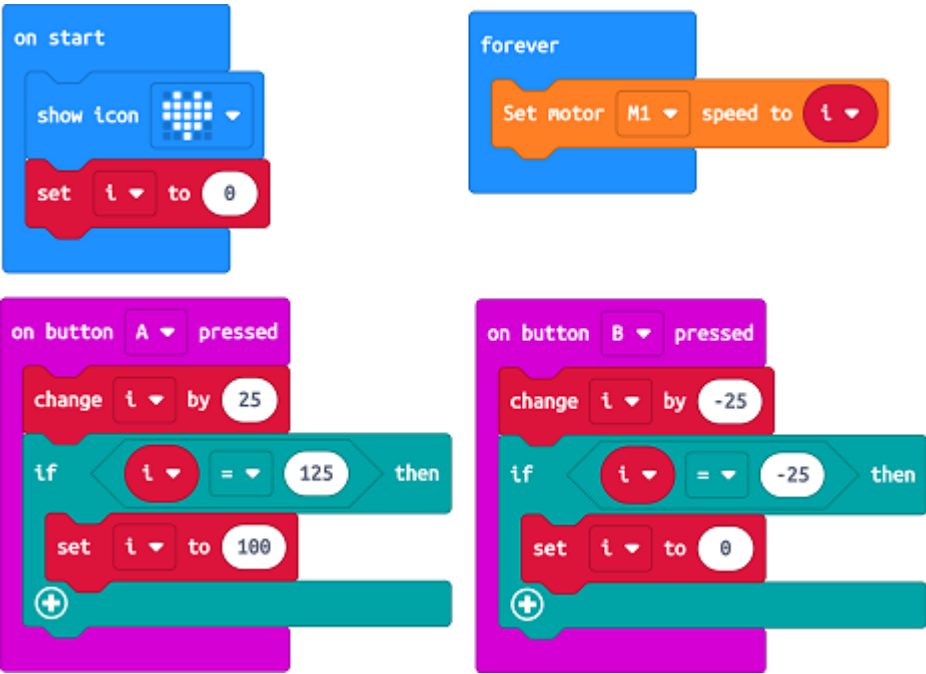
Click “Advanced” in the MakeCode to see more choices.



Search with Wukong in the dialogue box to download it.



Program



Link:https://makecode.microbit.org/_5RT3t9DX6Lv0

Result

When the micro:bit is powering on, it displays a heart icon. When button A is pressed, the wiper starts driving; when button A is pressed again, the wiper accelerates; and when button B is pressed, the wiper decelerates.