

Case 11: The Tiny Sky Wheel

Contents

- [13.1. Purpose](#)
- [13.2. Link:](#)
- [13.3. Materials Required](#)
- [13.4. Bricks build-up](#)
- [13.5. Hardware Connection](#)
- [13.6. Software Platform](#)
- [13.7. Coding](#)

13.1. Purpose

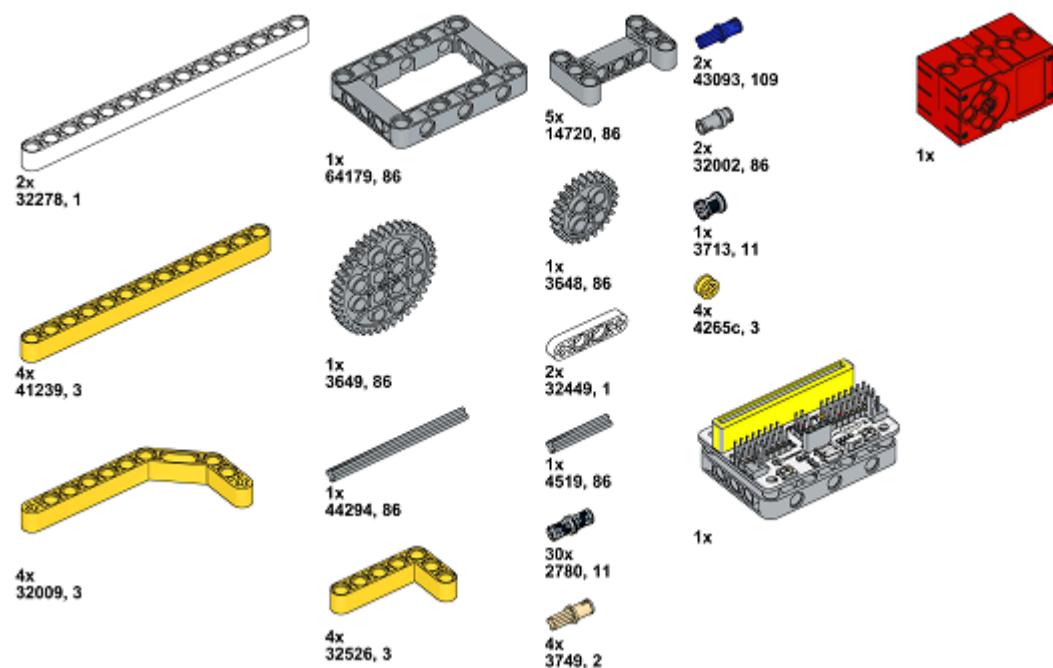
To make a tiny sky wheel.



13.2. Link:

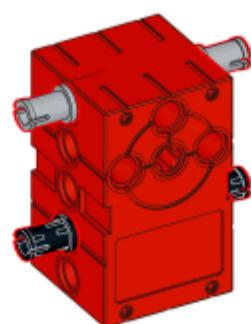
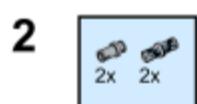
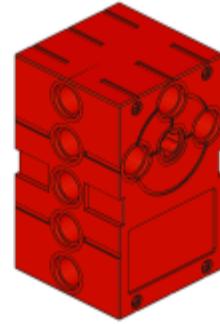
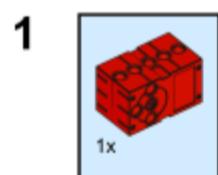
[micro:bit Wonder Building Kit](#)

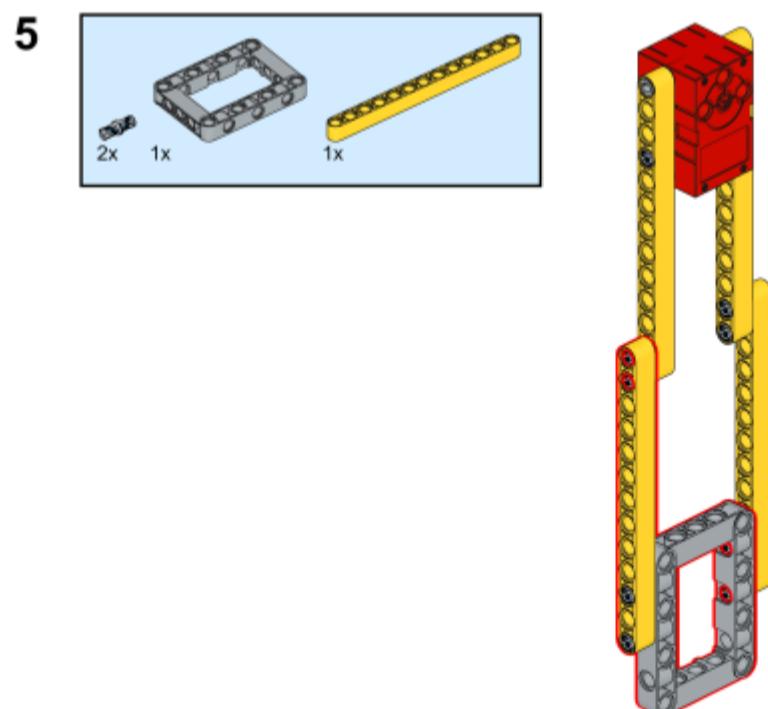
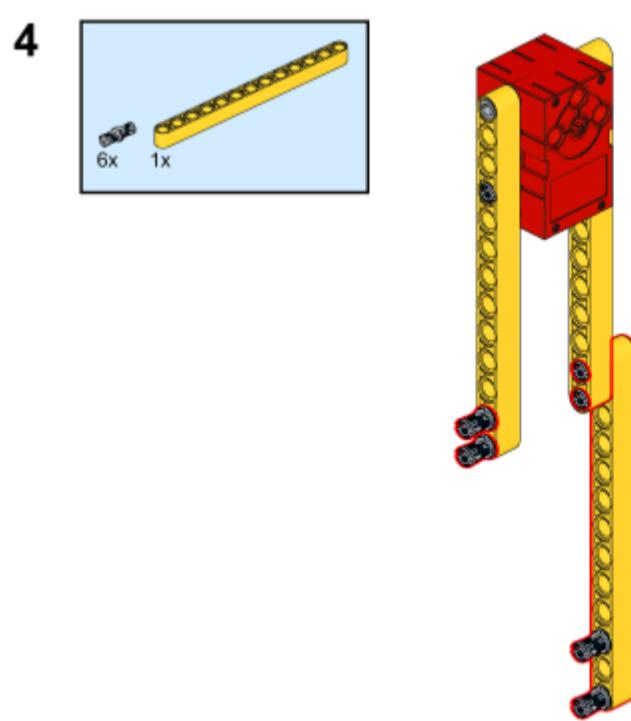
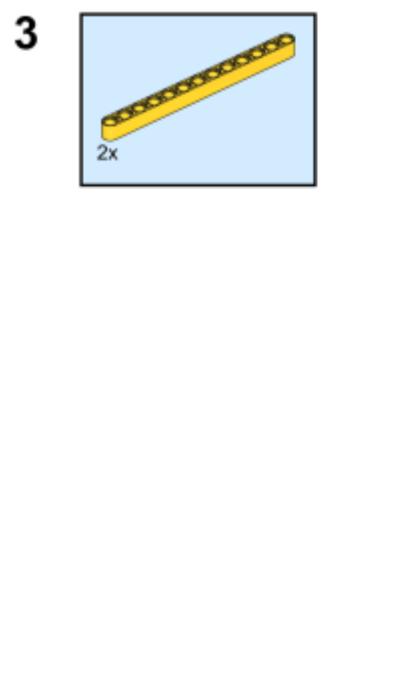
13.3. Materials Required

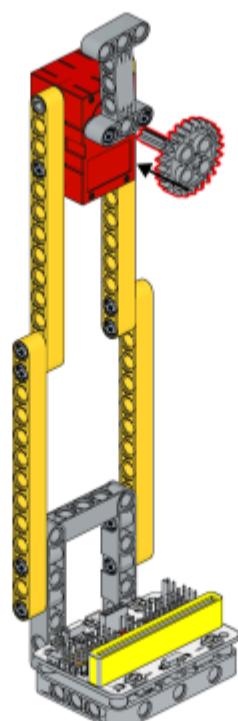
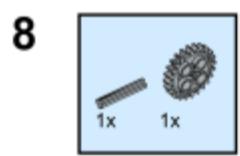
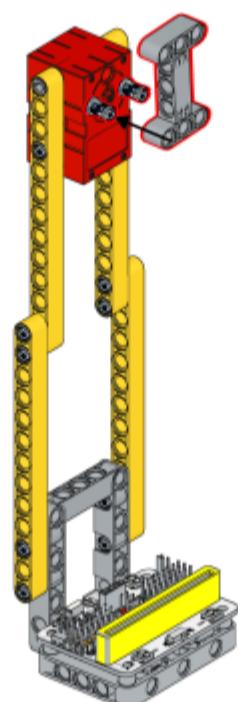
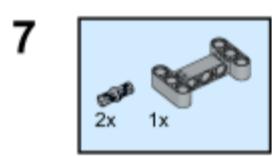
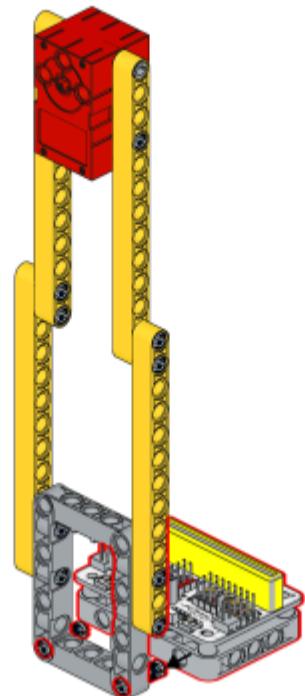
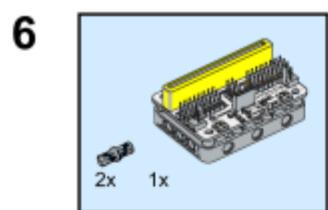


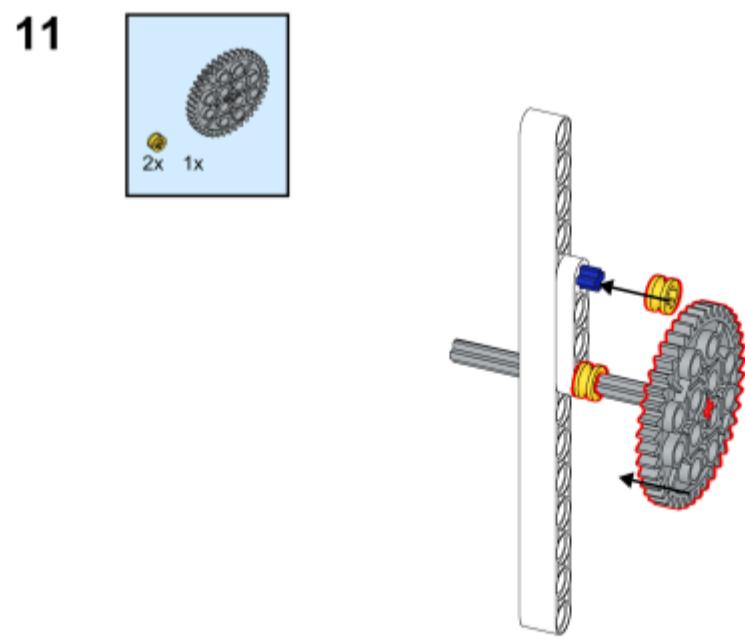
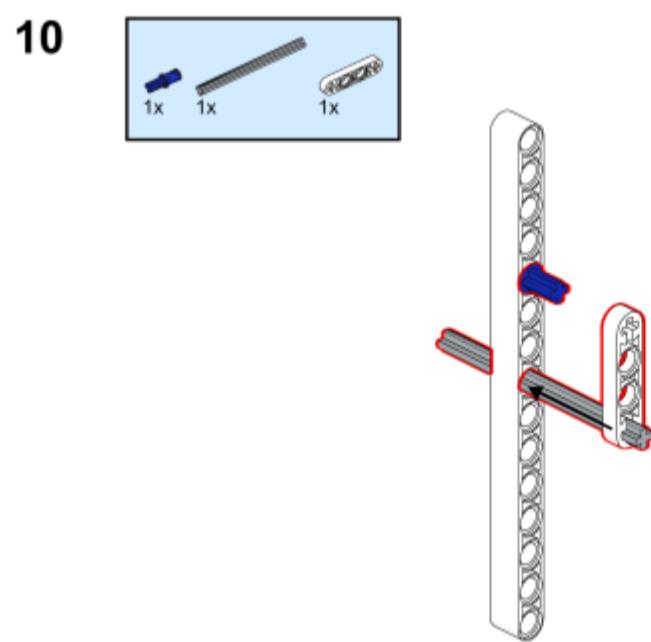
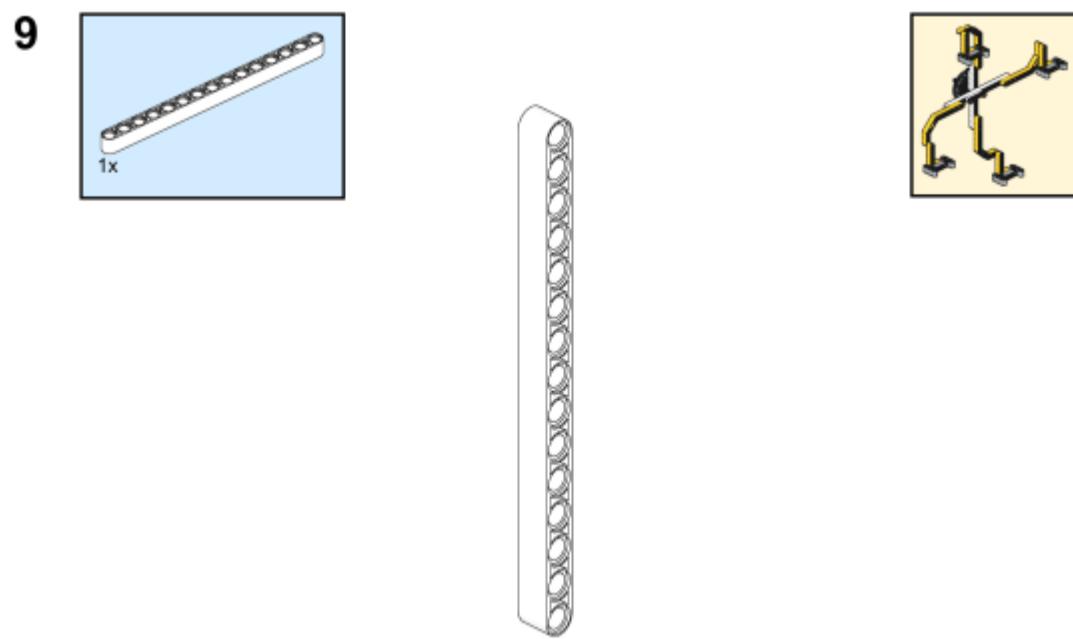
Video link: <https://youtu.be/dbboivj1E64>

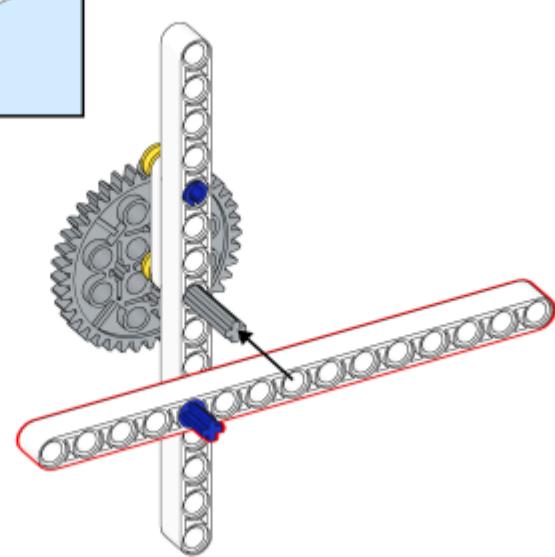
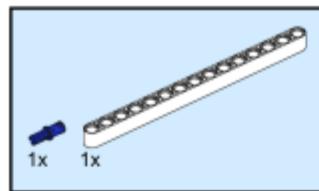
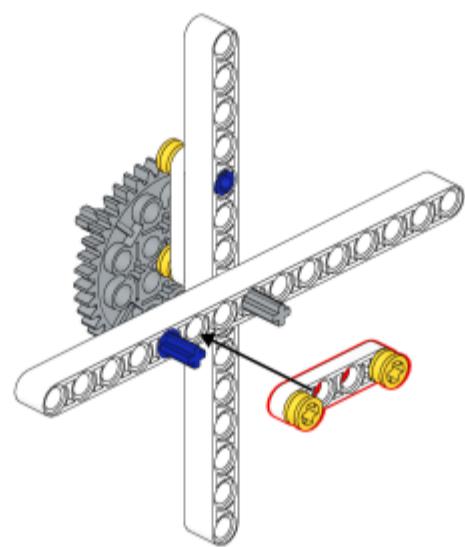
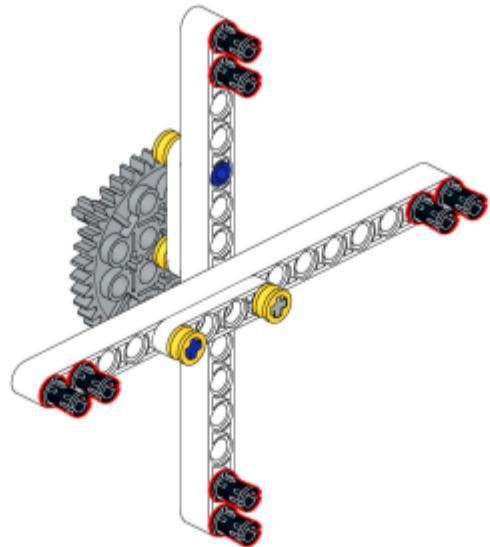
13.4. Bricks build-up

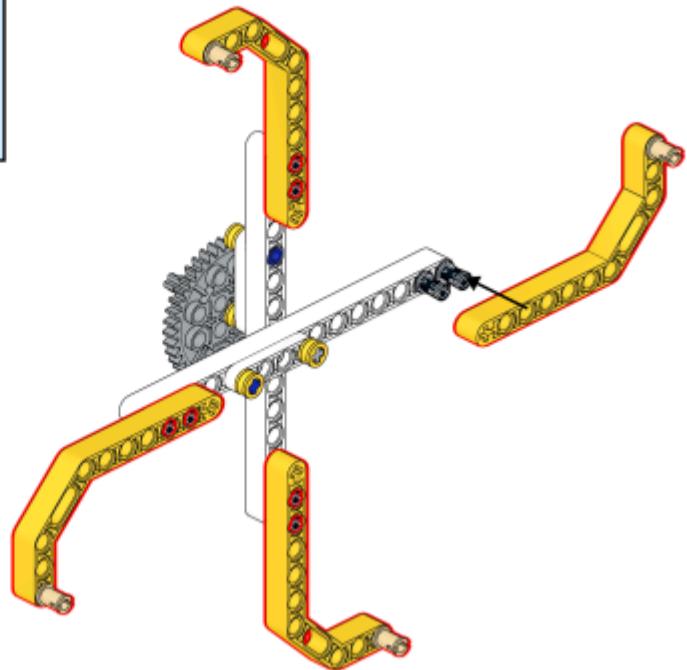
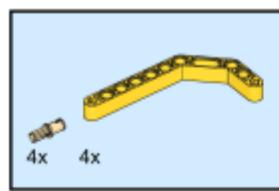
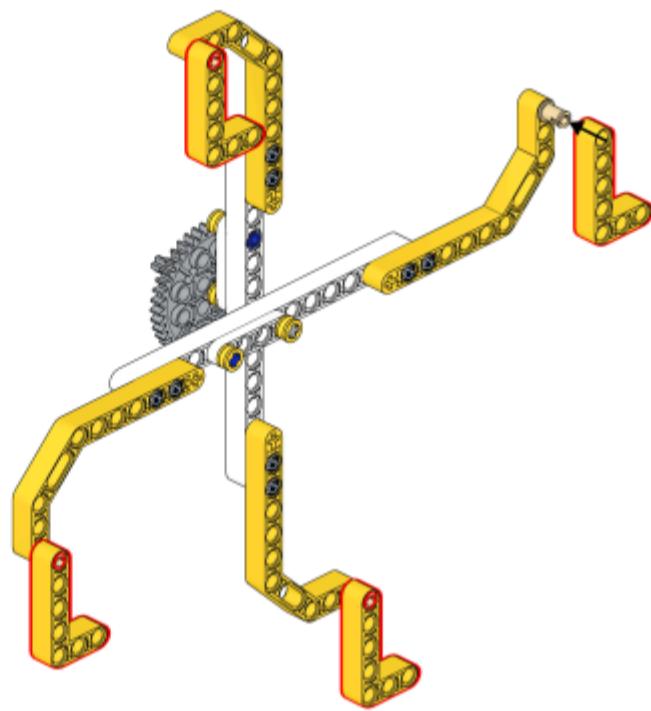
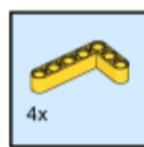
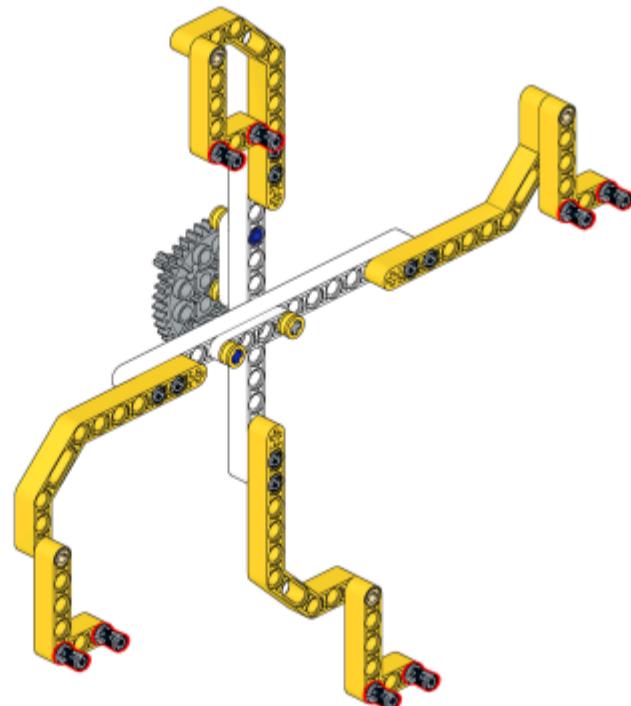


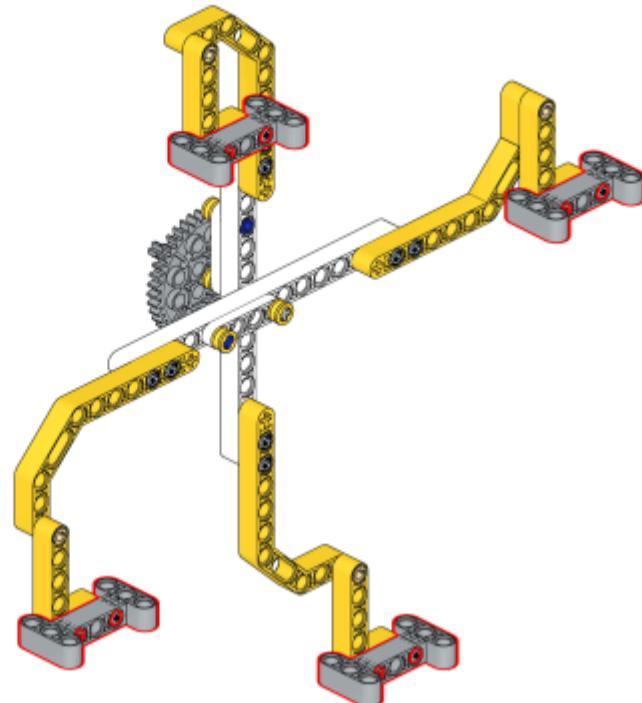
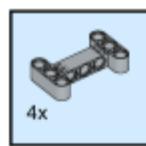
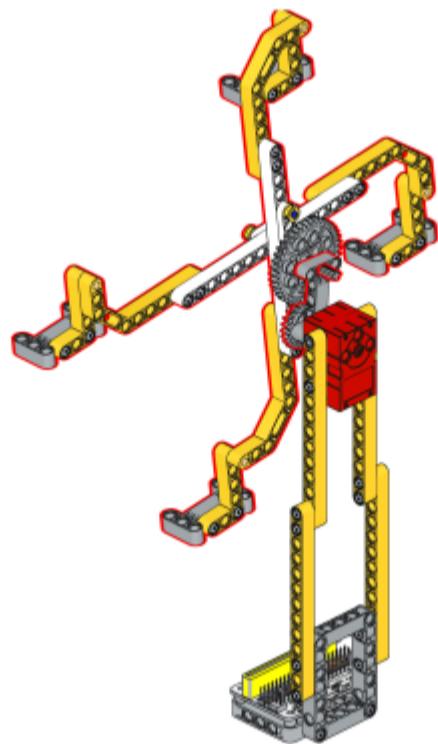
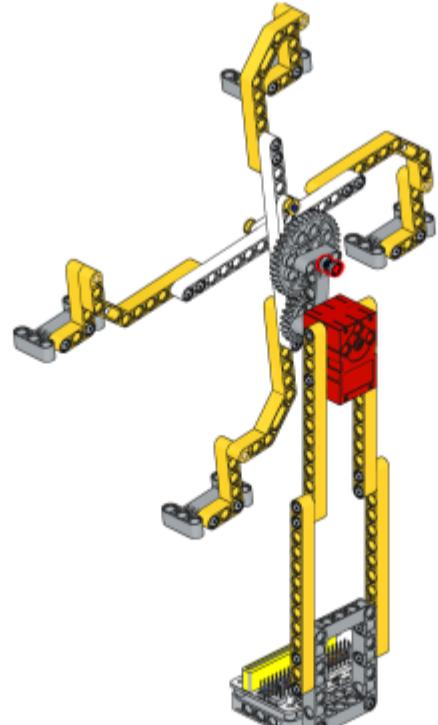






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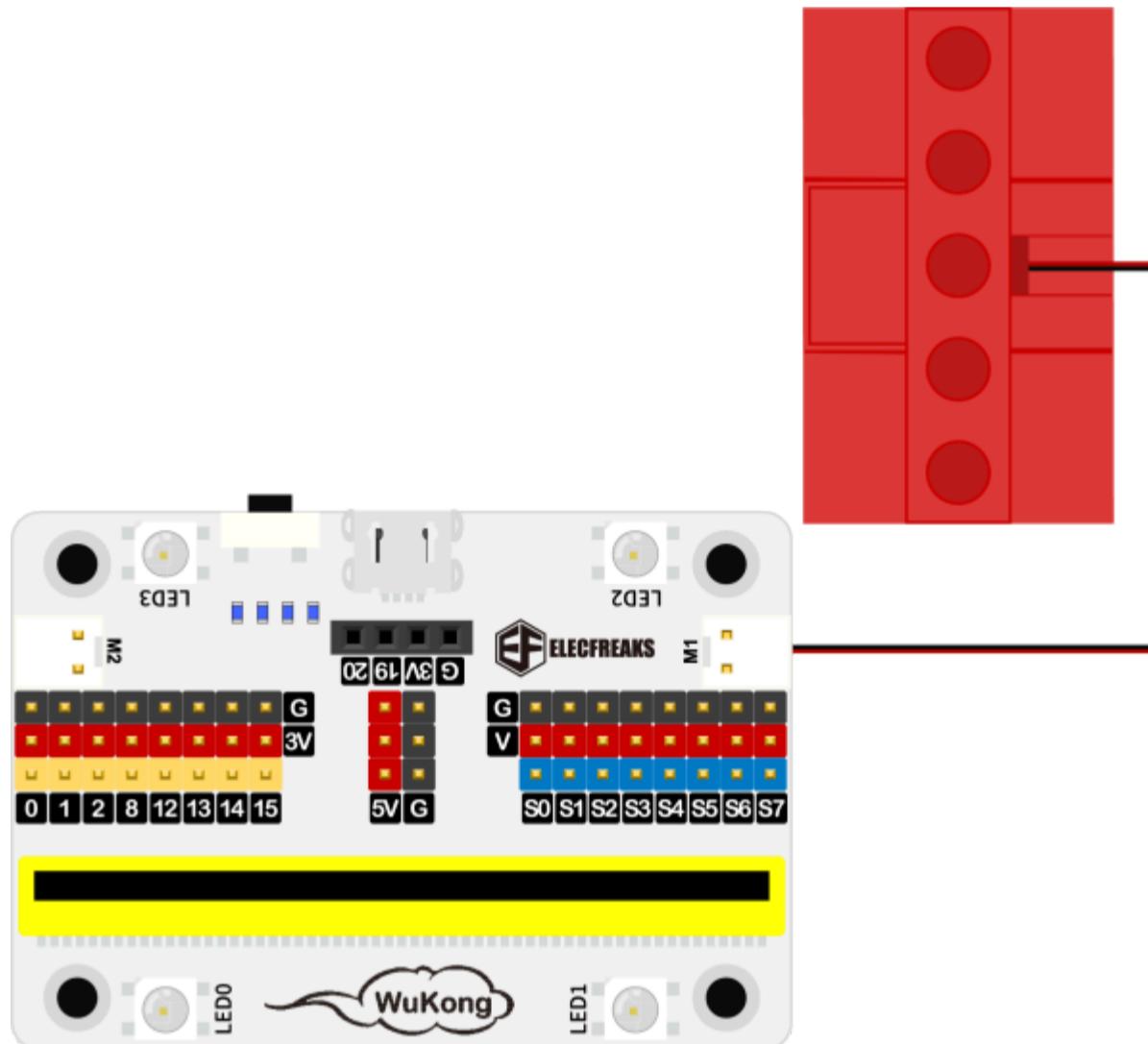
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13.5. Hardware Connection

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



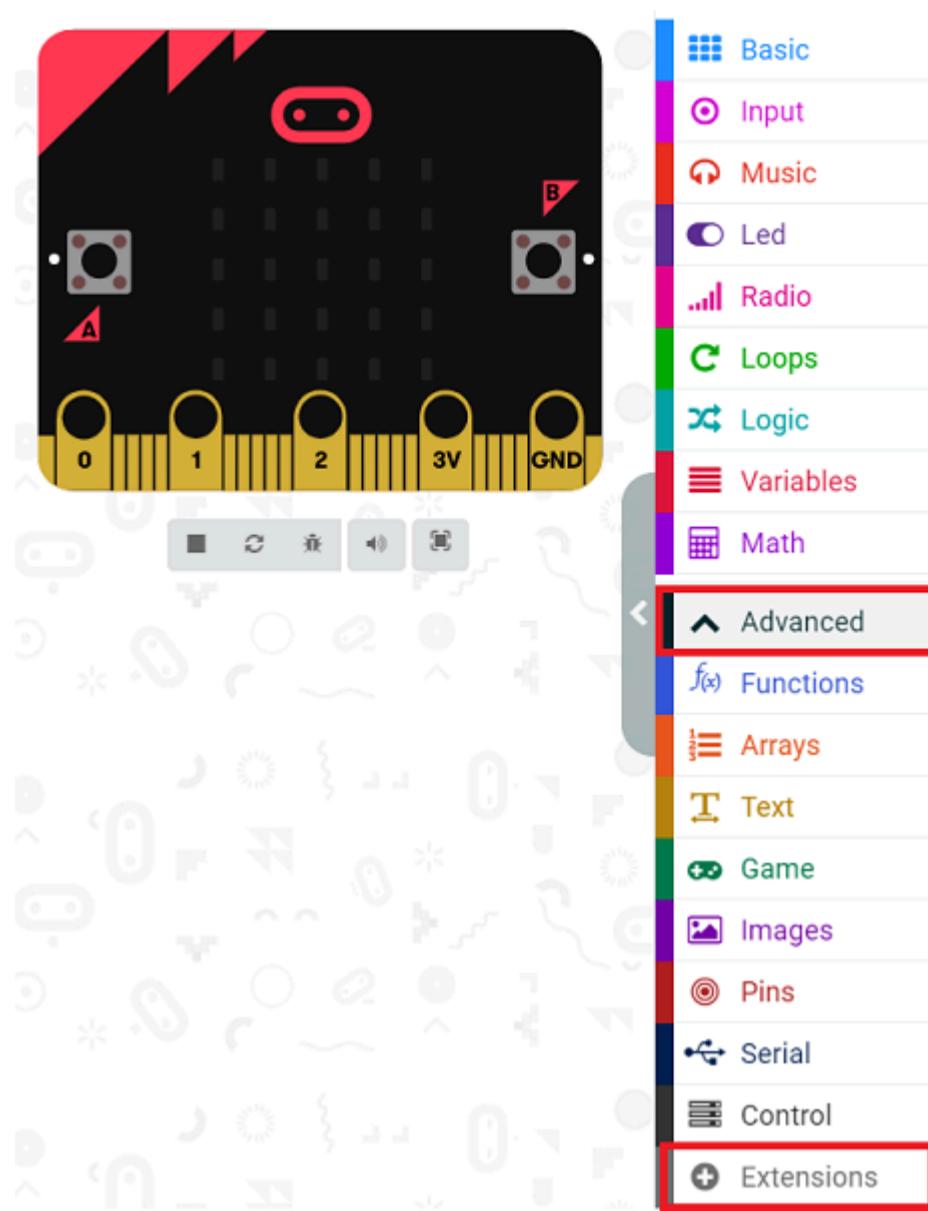
13.6. Software Platform

[MakeCode](#)

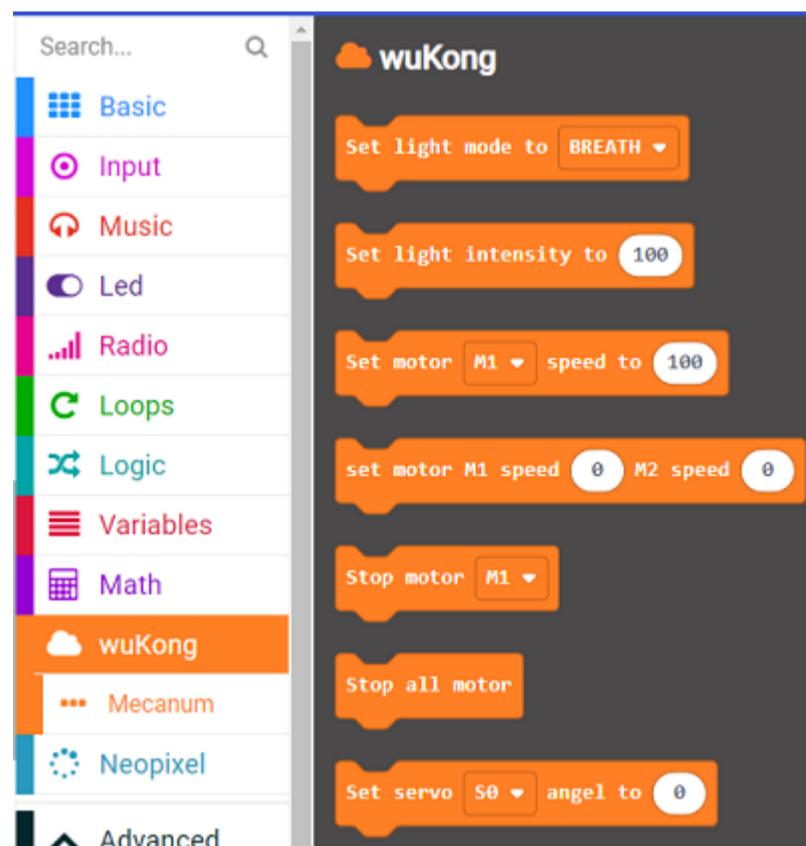
13.7. Coding

Add extensions

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



Search with Wukong in the dialogue box to download it.



Program

```

on button A ▾ pressed
  Set motor M1 ▾ speed to 100

on button B ▾ pressed
  Stop motor M1 ▾

```

Link:https://makecode.microbit.org/_VuRXgH1y30yp

Result

When button A is pressed the tiny sky wheel starts to rotate and when button B is pressed it stops rotating.

By ELECFREAKS Team

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