

Case 13: The Seesaw

Contents

- [15.1. Purpose](#)
- [15.2. Link:](#)
- [15.3. Materials Required](#)
- [15.4. Bricks build-up](#)
- [15.5. Hardware Connection](#)
- [15.6. Software Platform](#)
- [15.7. Coding](#)

15.1. Purpose

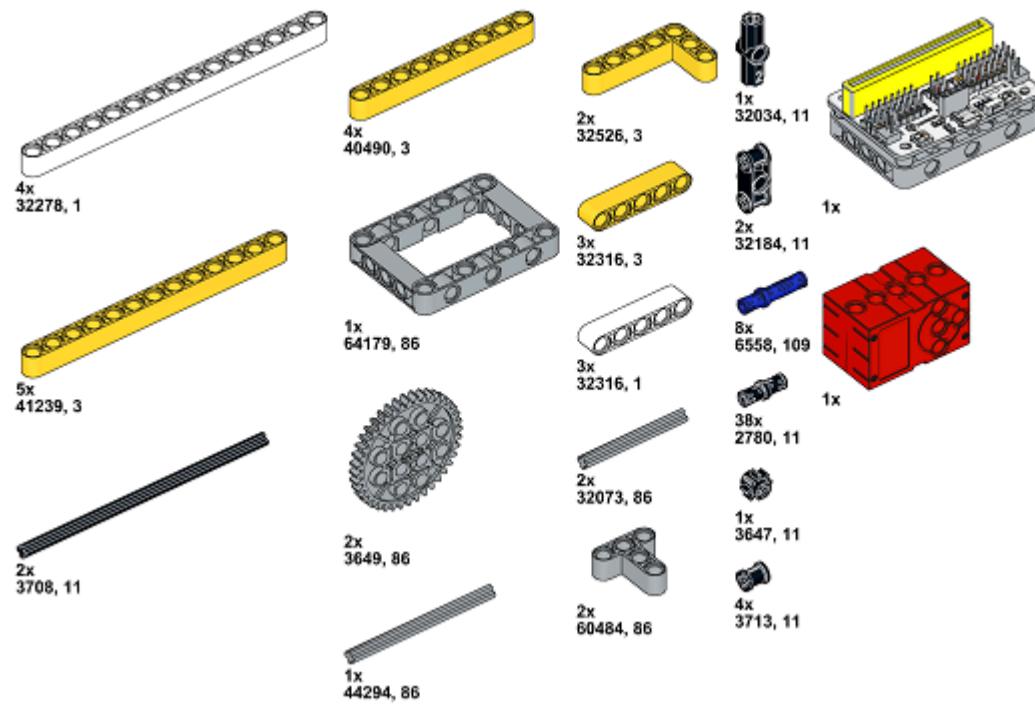
To make a seesaw.



15.2. Link:

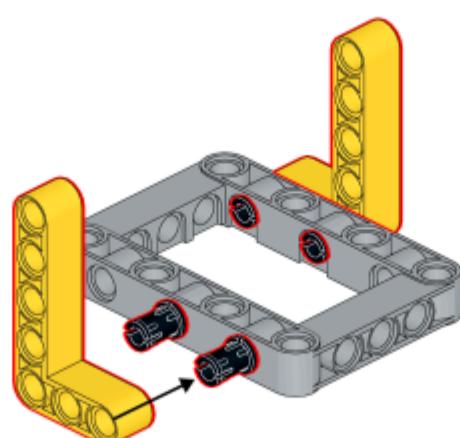
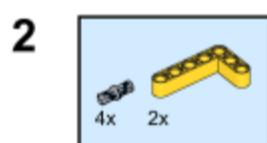
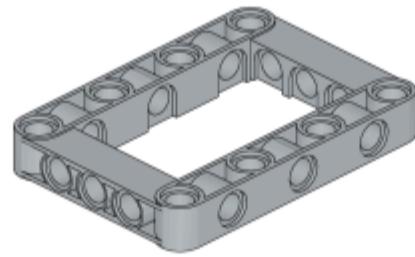
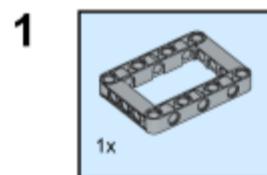
[micro:bit Wonder Building Kit](#)

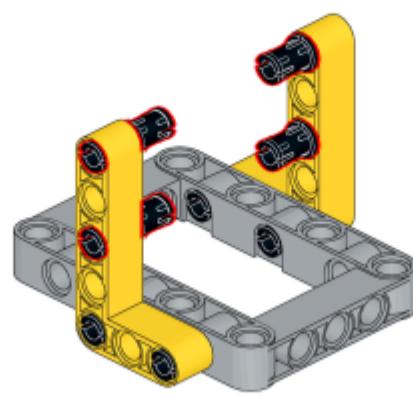
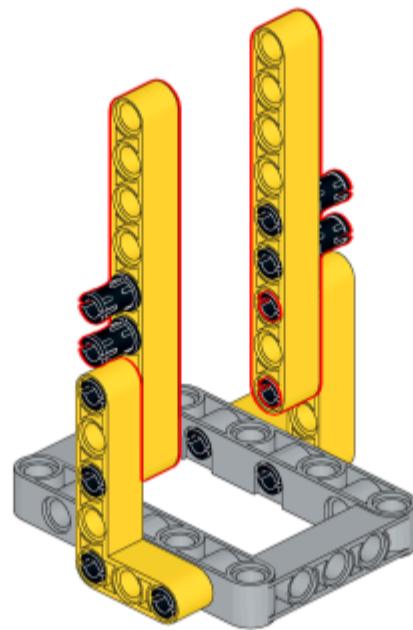
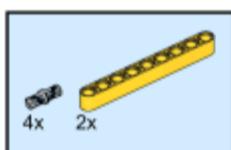
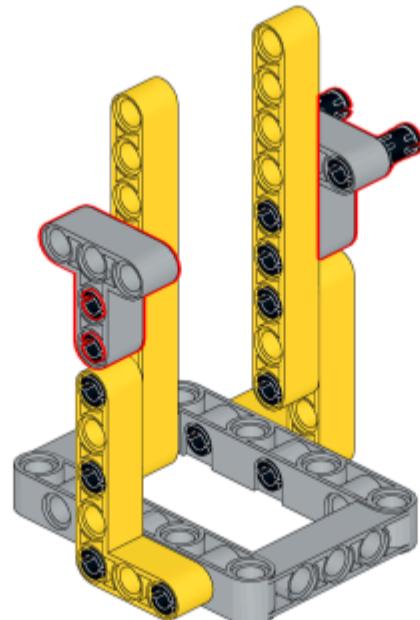
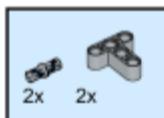
15.3. Materials Required

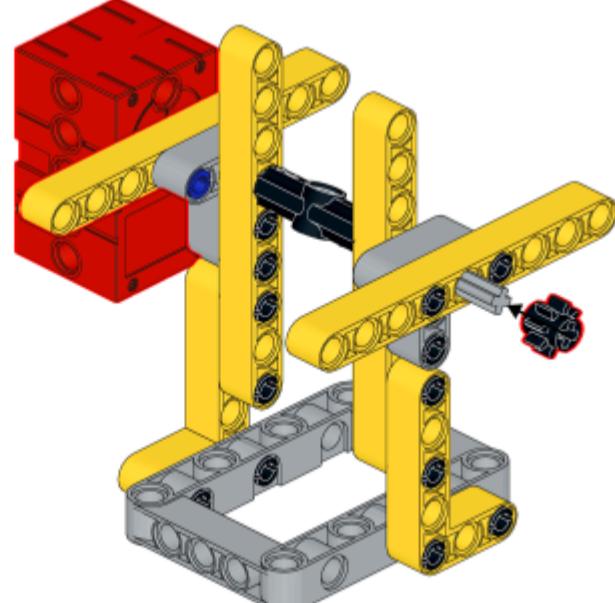
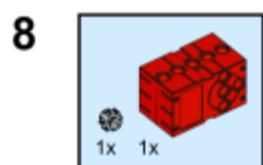
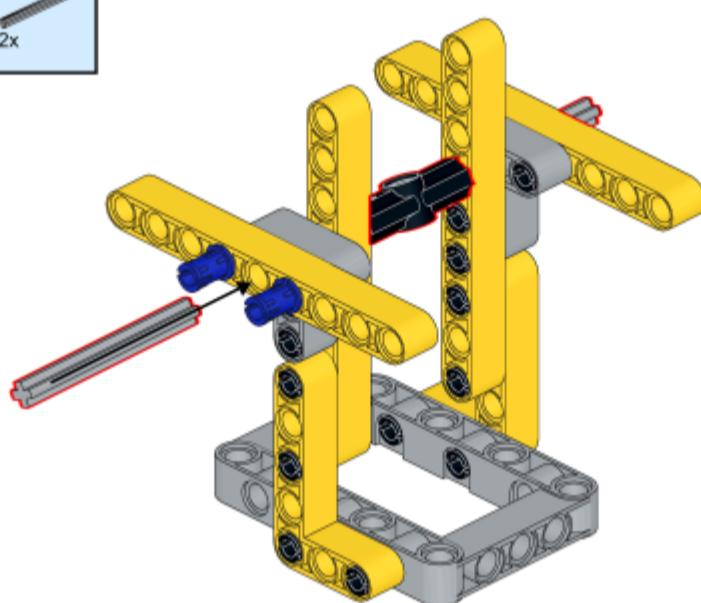
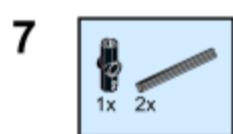
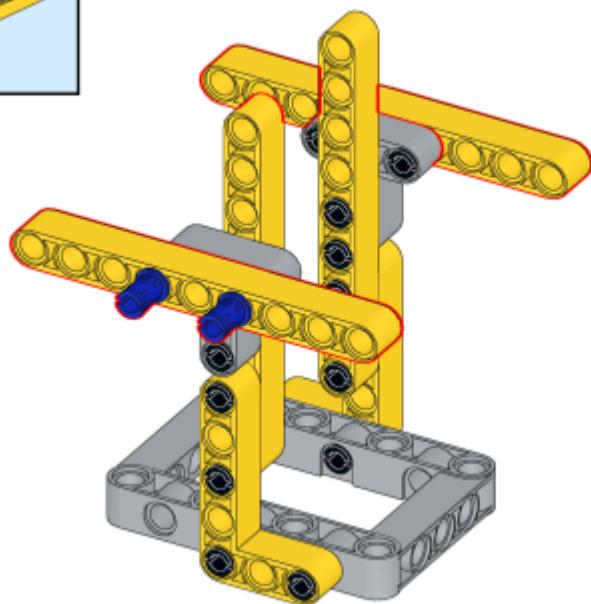
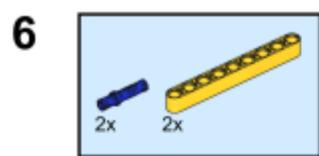


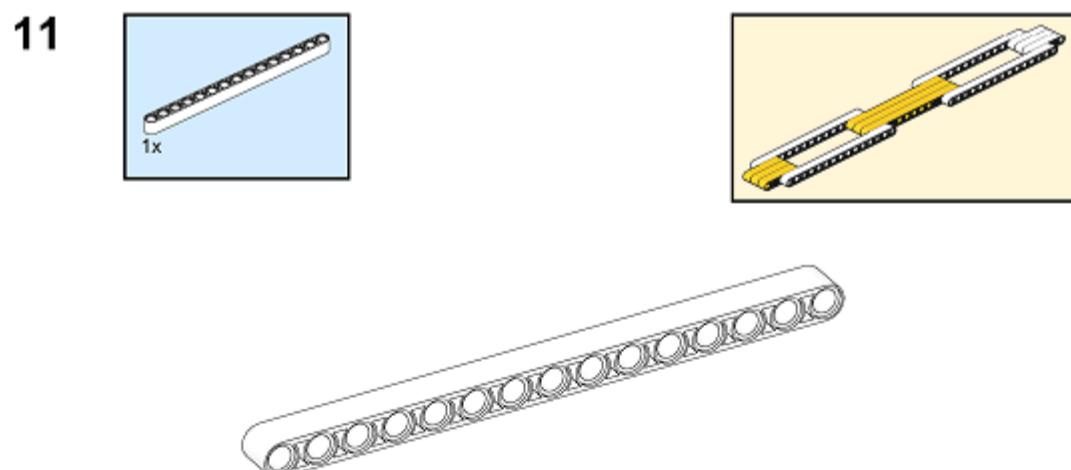
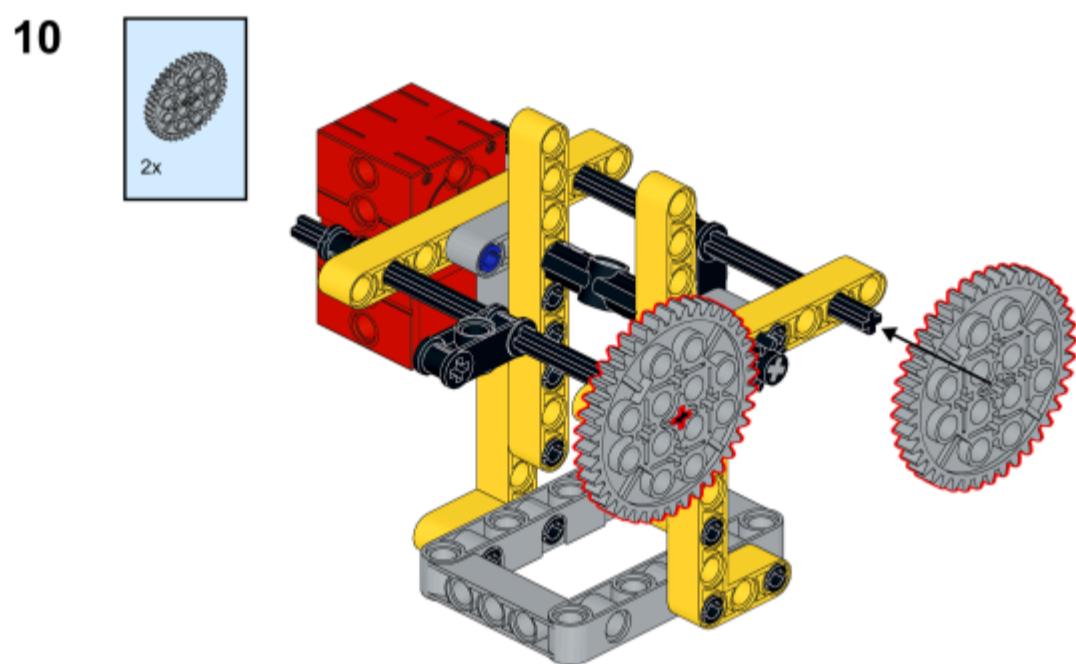
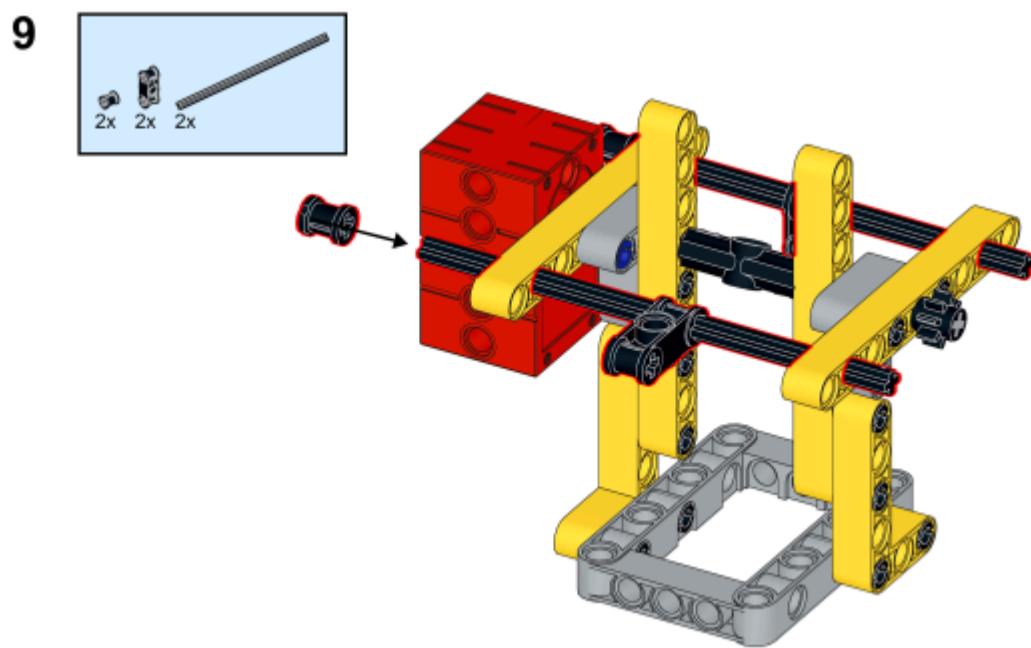
Video link: <https://youtu.be/2qZLmY6tJRs>

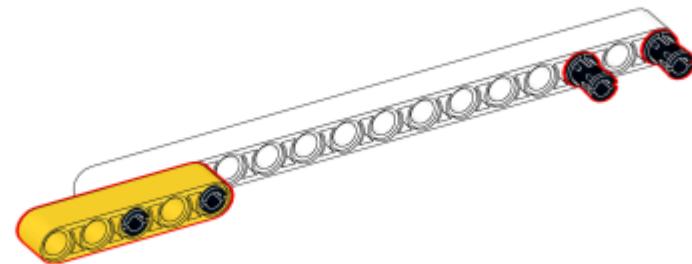
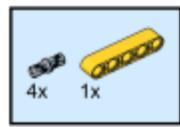
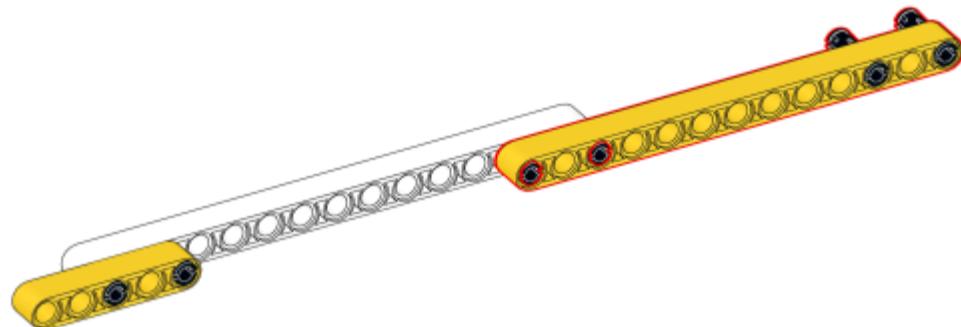
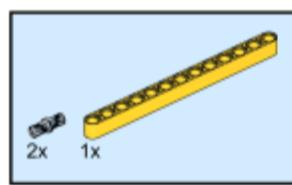
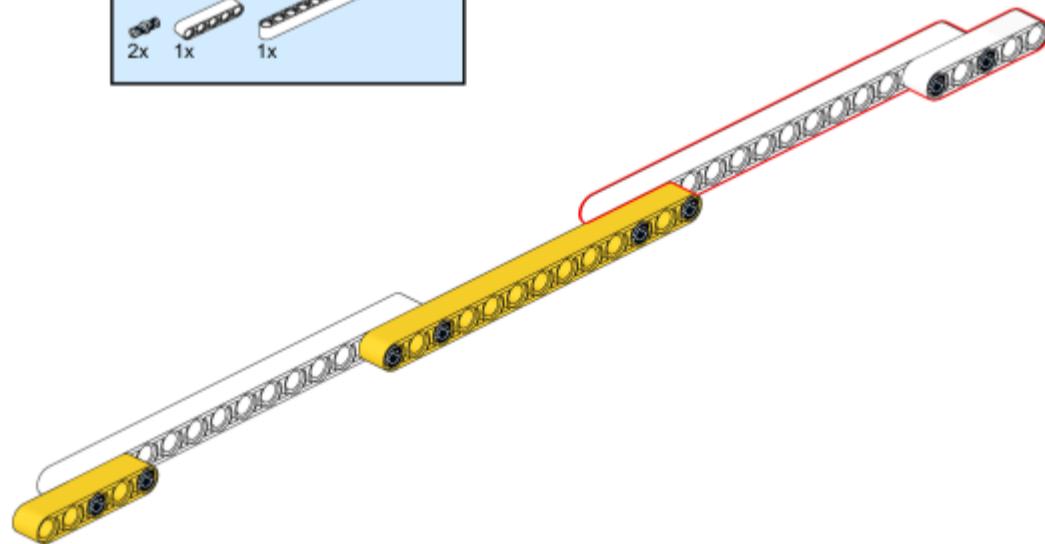
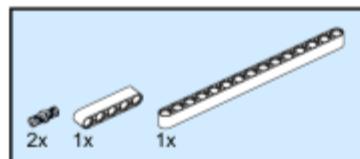
15.4. Bricks build-up

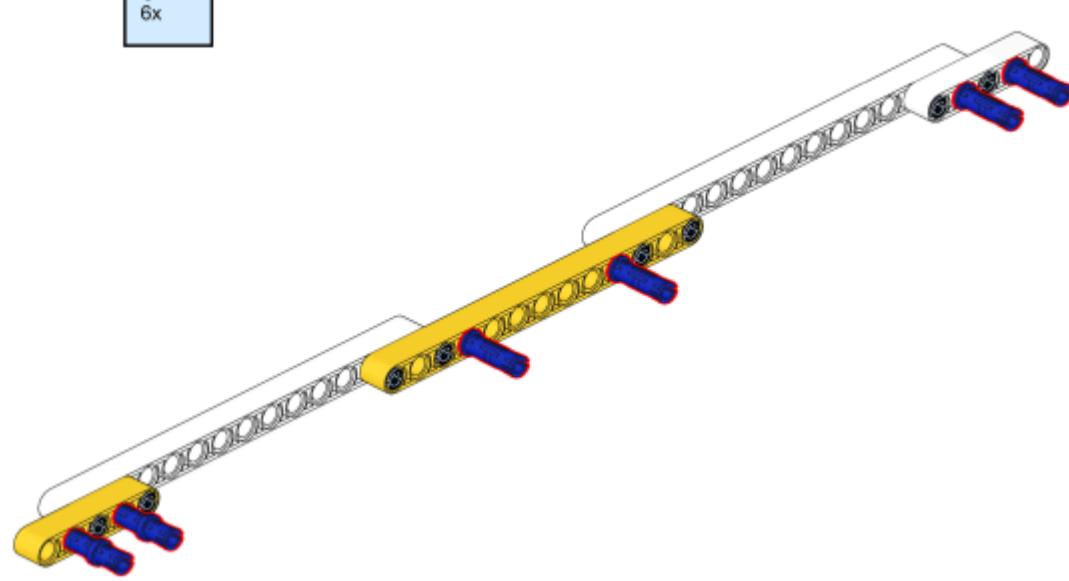
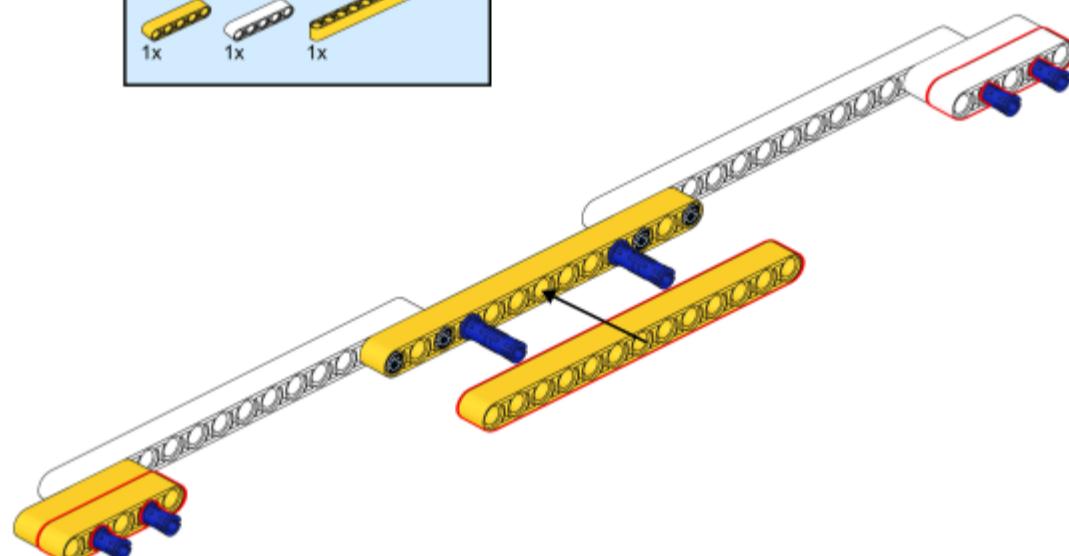
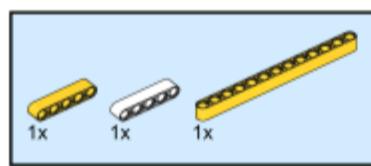
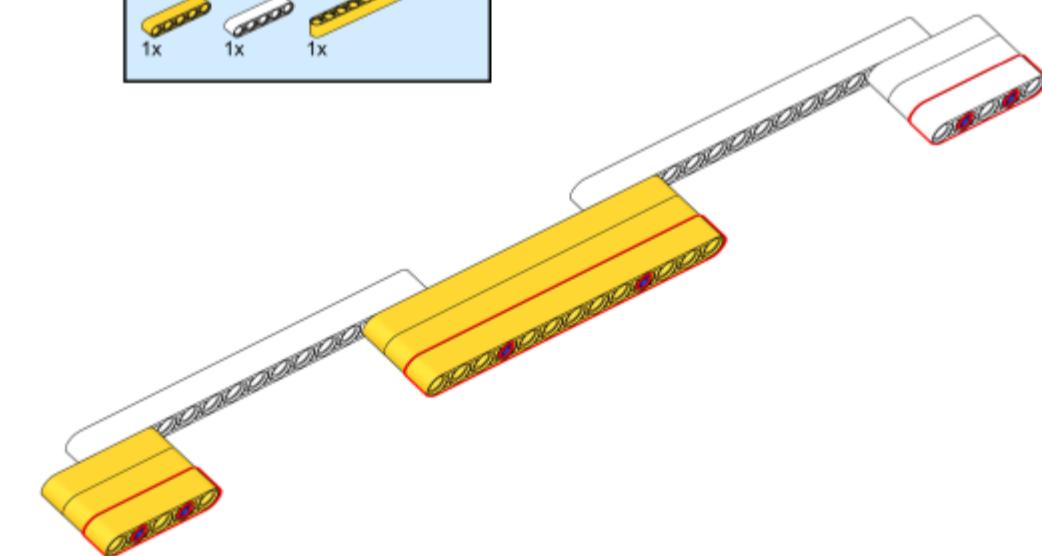
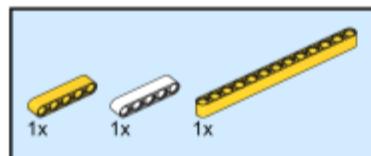


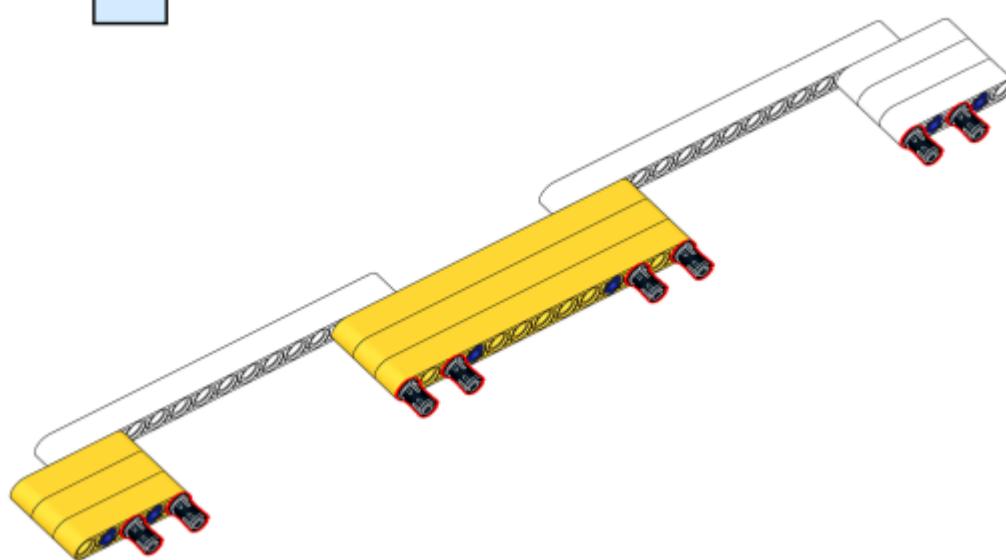
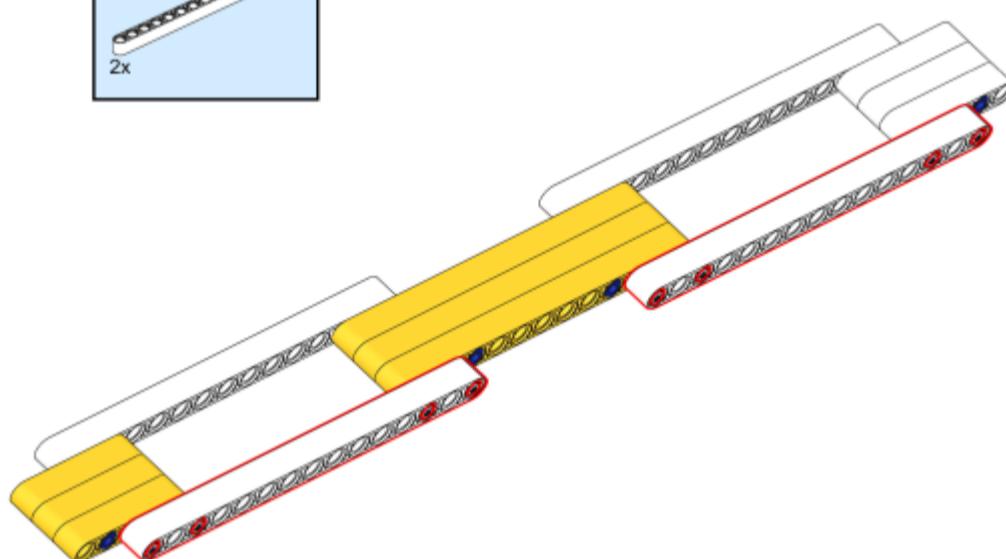
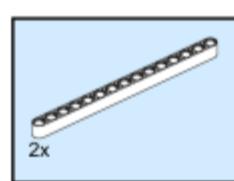
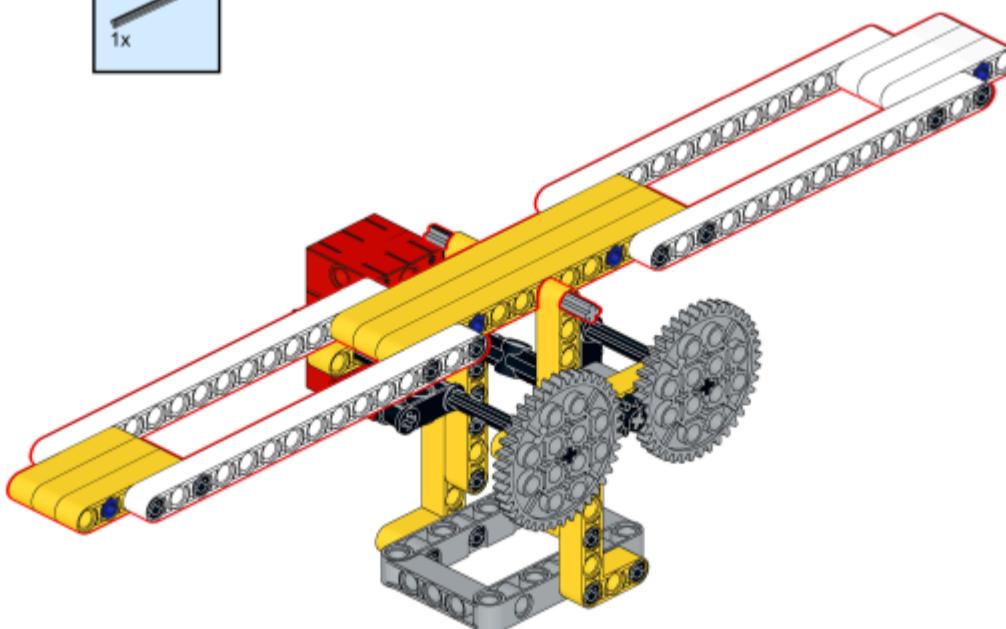
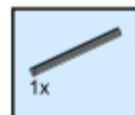
3**4****5**

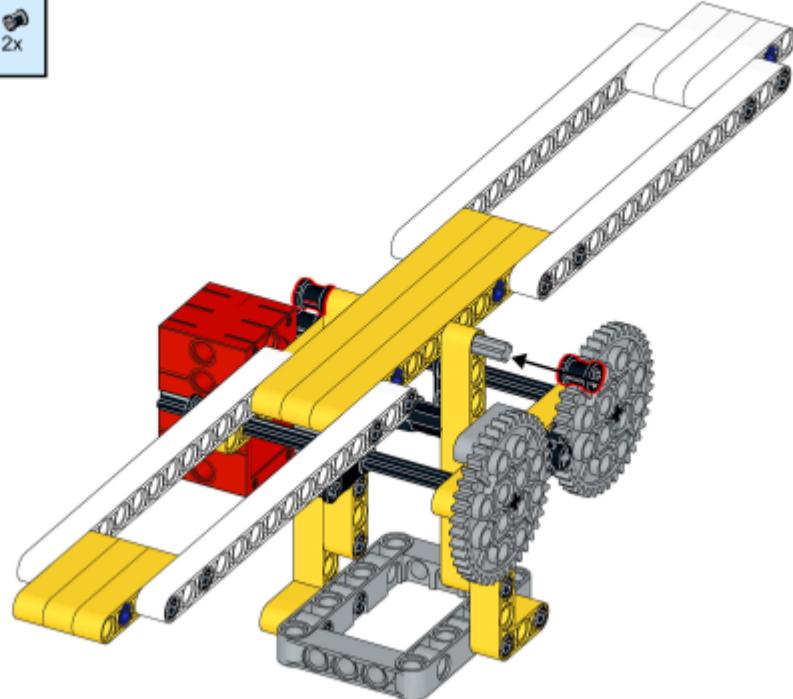
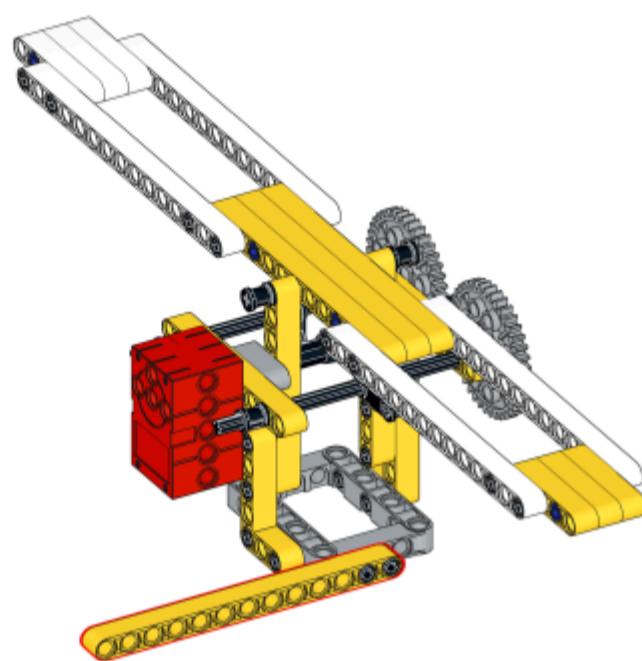
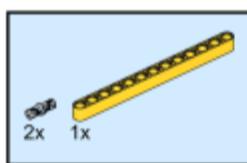
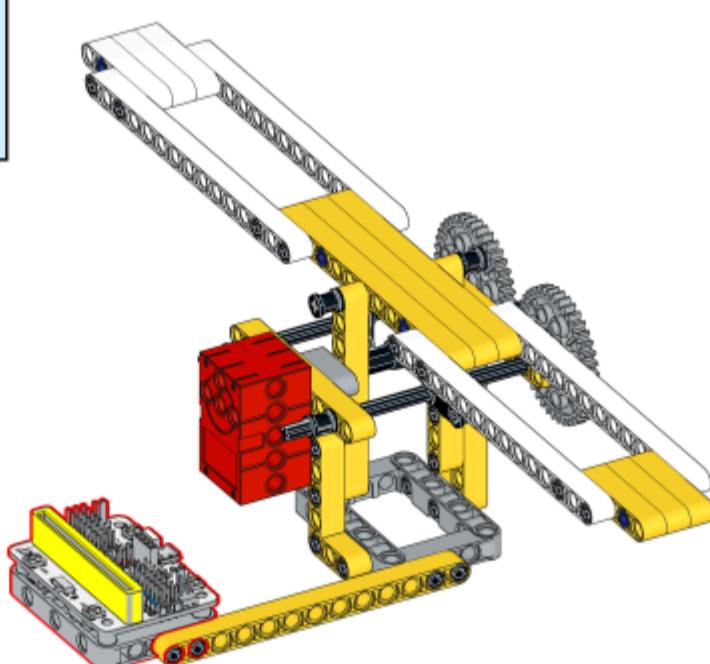
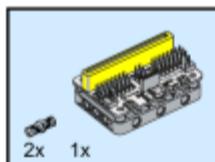


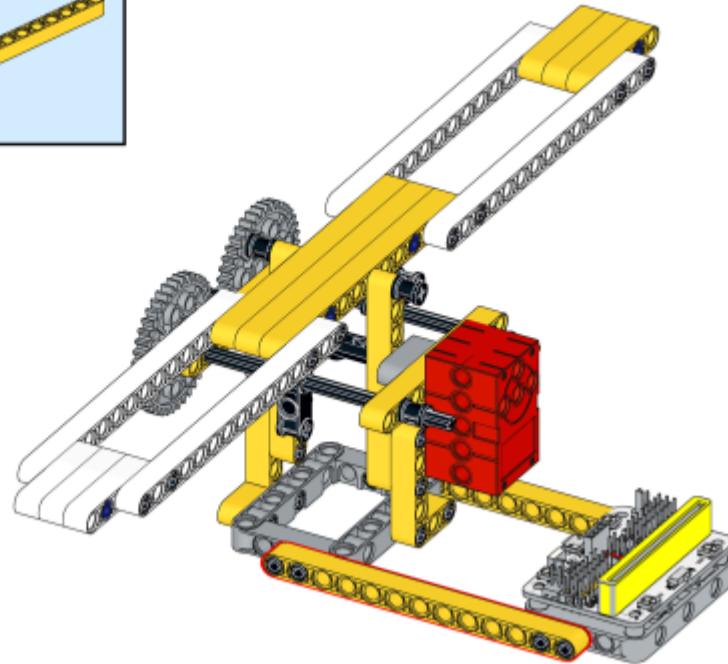
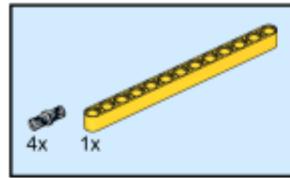
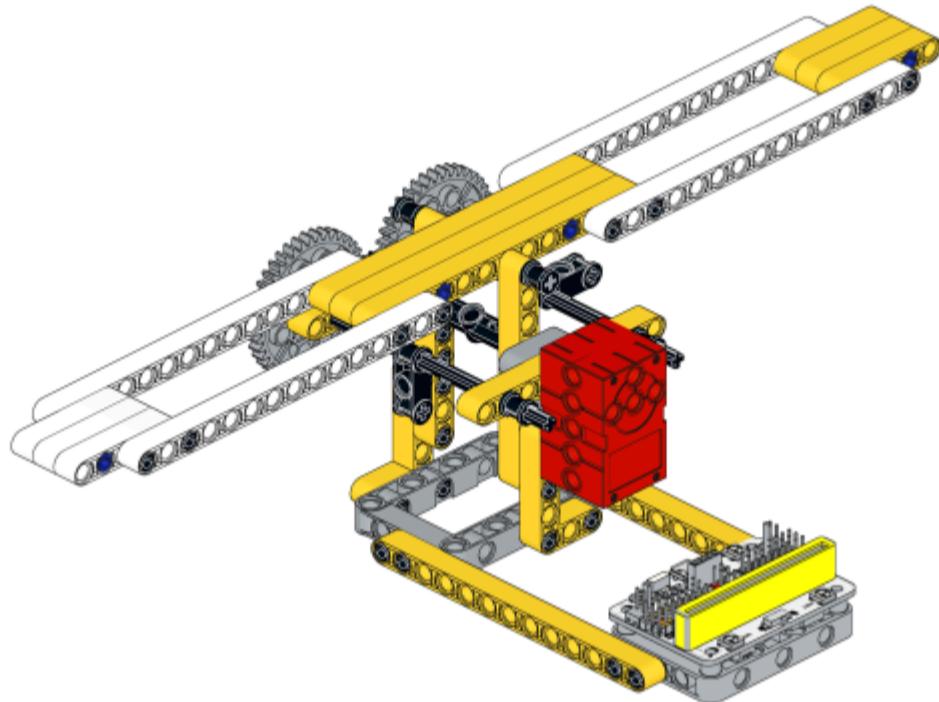


12**13****14**

15**16****17**

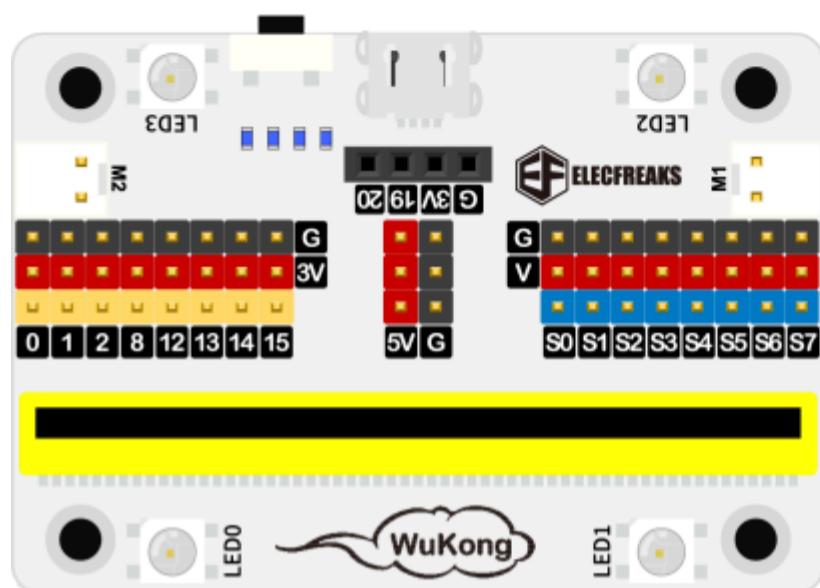
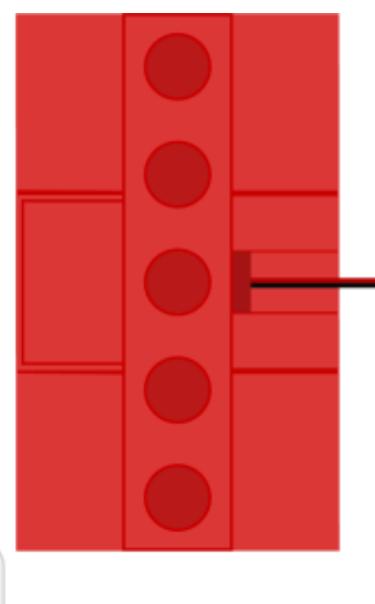
18**19****20**

21**22****23**

24**25**

15.5. Hardware Connection

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



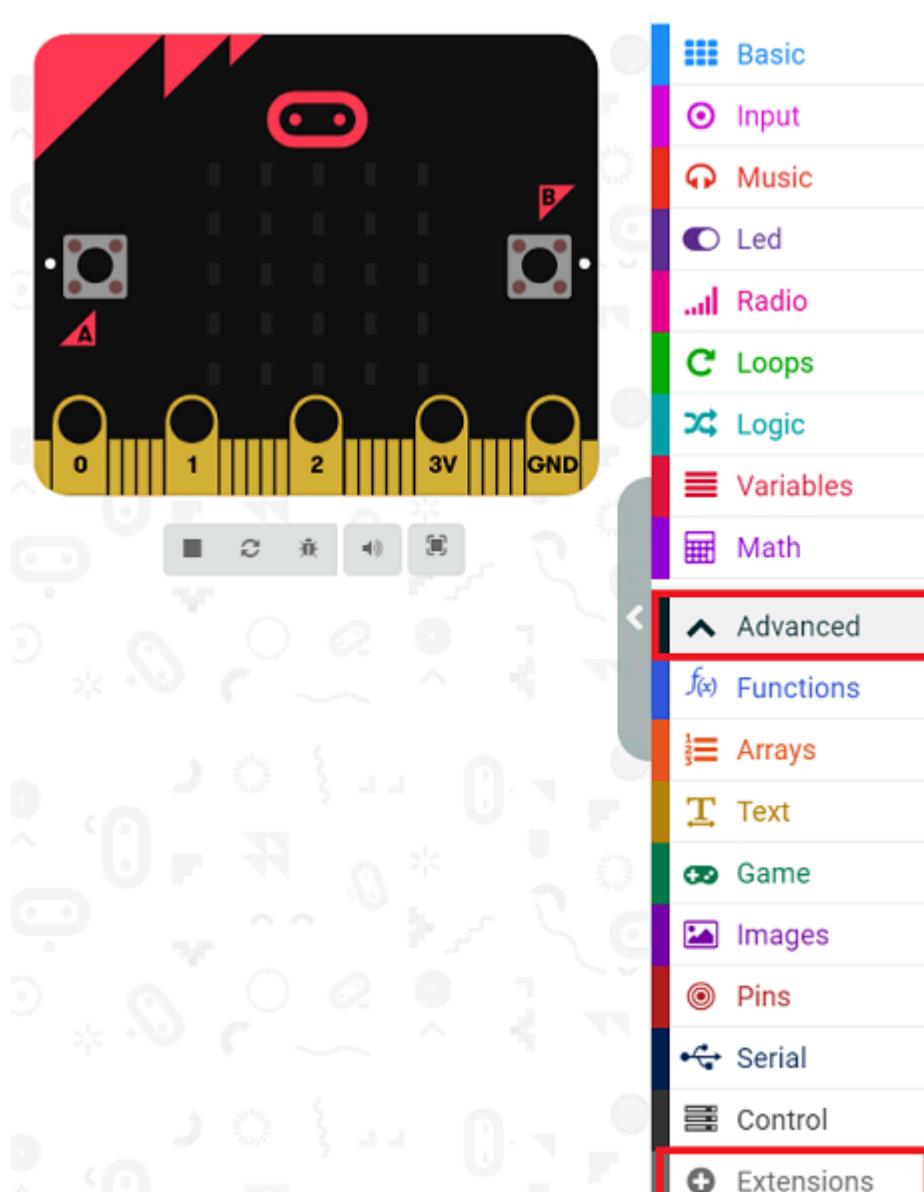
15.6. Software Platform

[MakeCode](#)

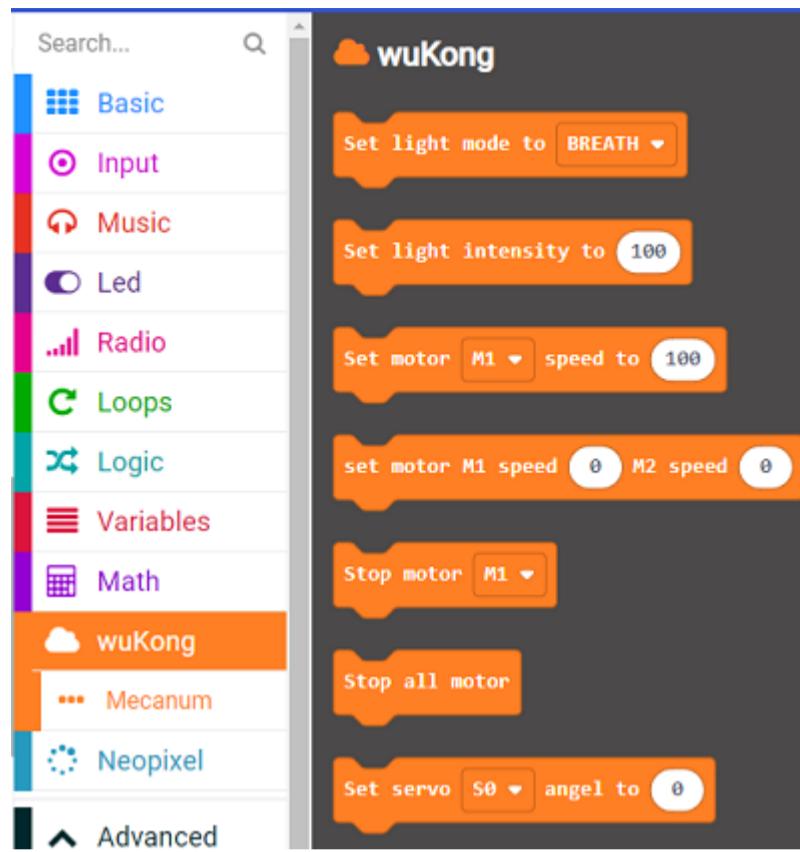
15.7. Coding

Add extensions

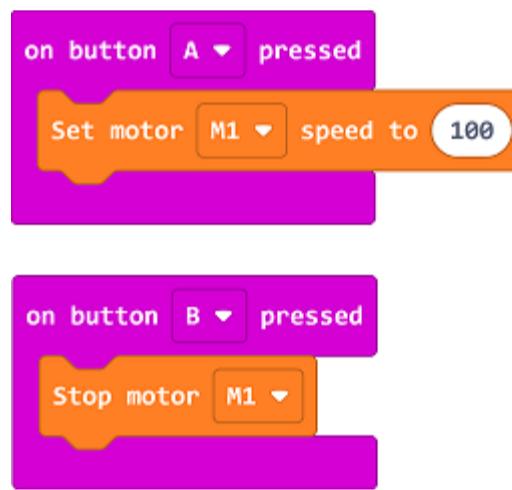
Click “Advanced” in the MakeCode to see more choices.



Search with Wukong in the dialogue box to download it.



Program



Link:https://makecode.microbit.org/_8WiCUt0zu6wv

Result

When button A is pressed, the seesaw operates automatically and when button B is pressed, the seesaw shuts down and stops operating.

By ELECFREAKS Team

© Copyright 2022, ELECFREAKS Team.