

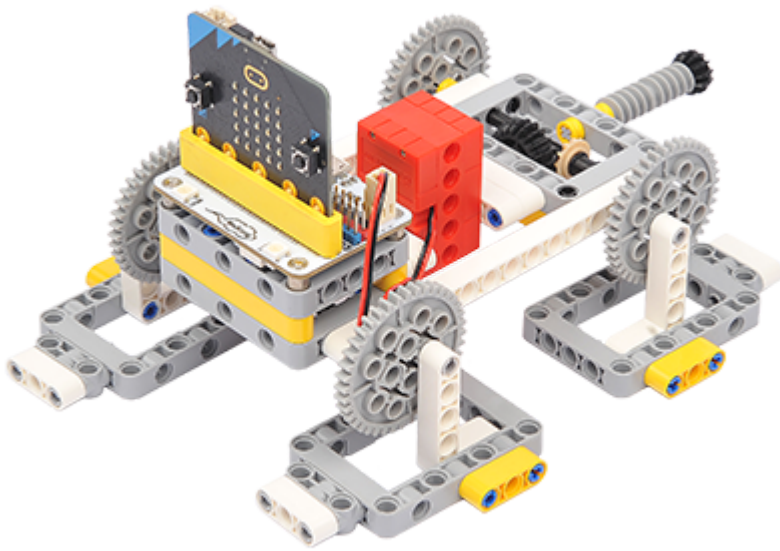
Case 32: Robot Dog

Contents

- [34.1. Purpose](#)
- [34.2. Link:](#)
- [34.3. Materials Required](#)
- [34.4. Bricks build-up](#)
- [34.5. Hardware Connection](#)
- [34.6. Software Platform](#)
- [34.7. Coding](#)

34.1. Purpose


Make a robot dog.



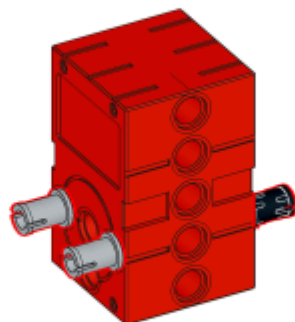

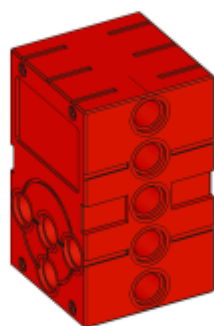
34.2. Link:

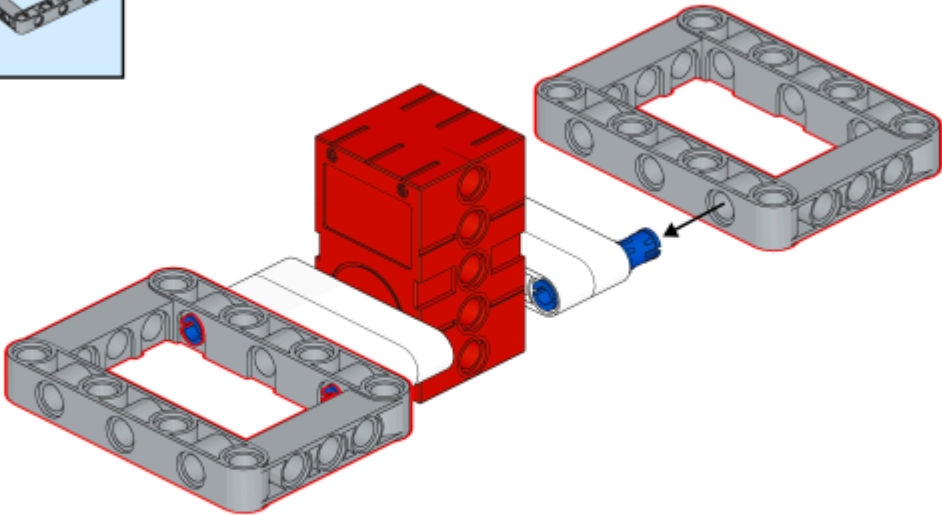
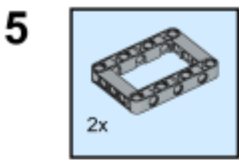
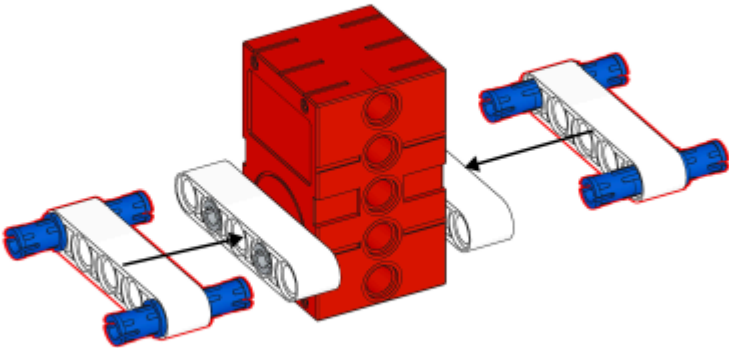
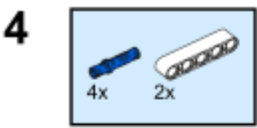
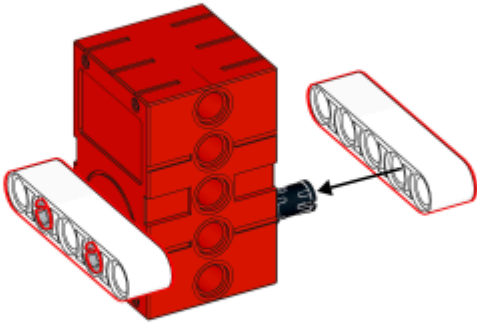
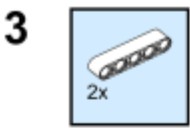
[micro:bit Wonder Building Kit](#)

34.3. Materials Required

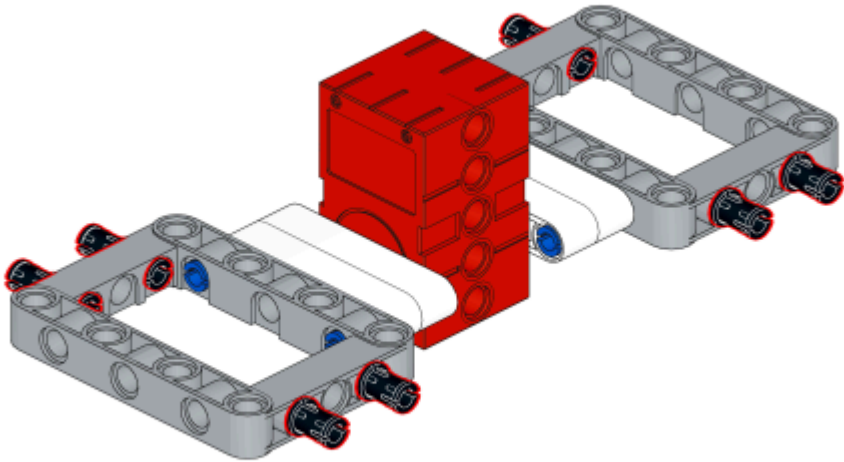


1x

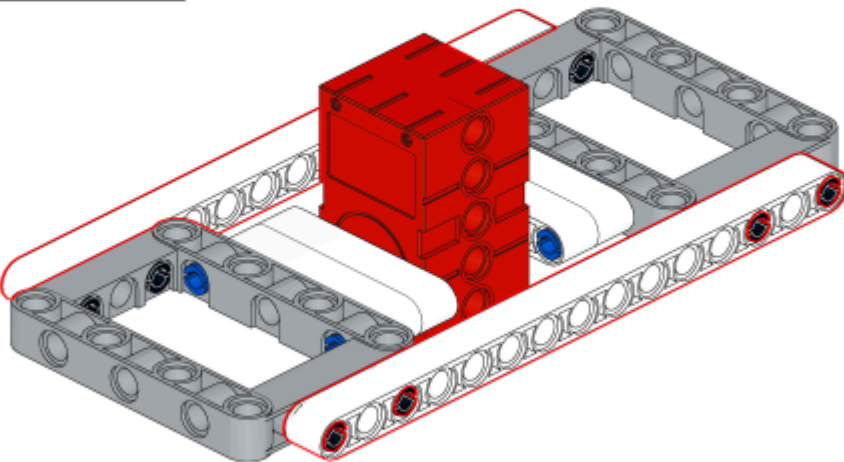
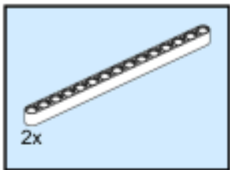




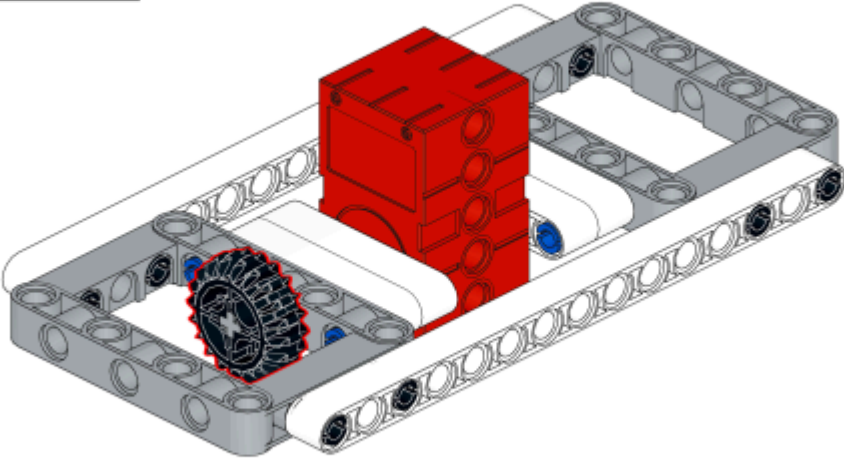
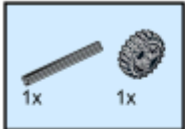
6



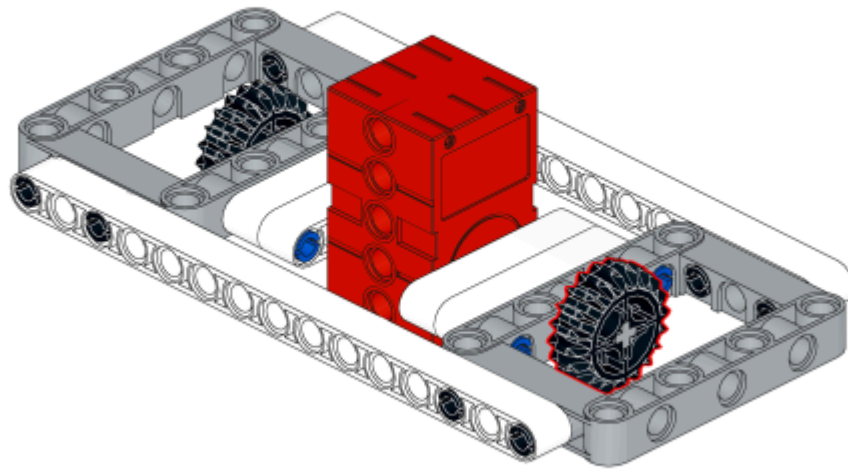
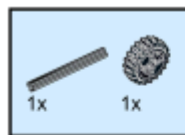
7



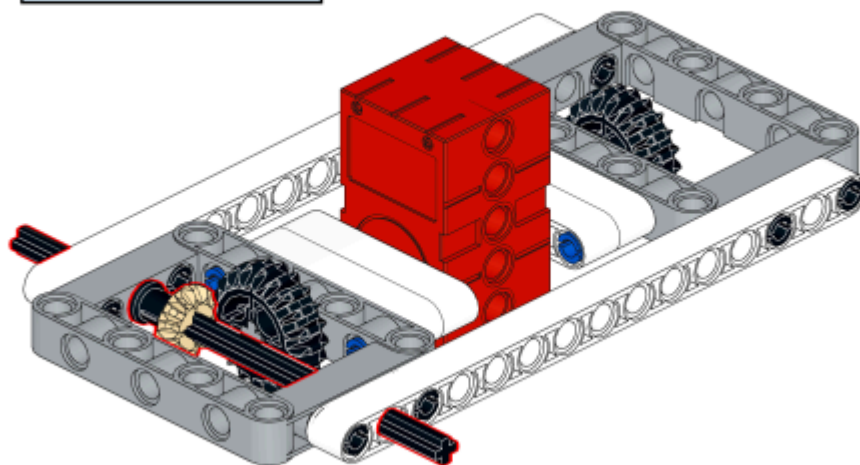
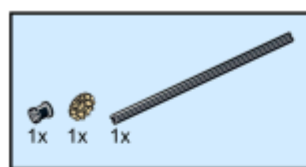
8



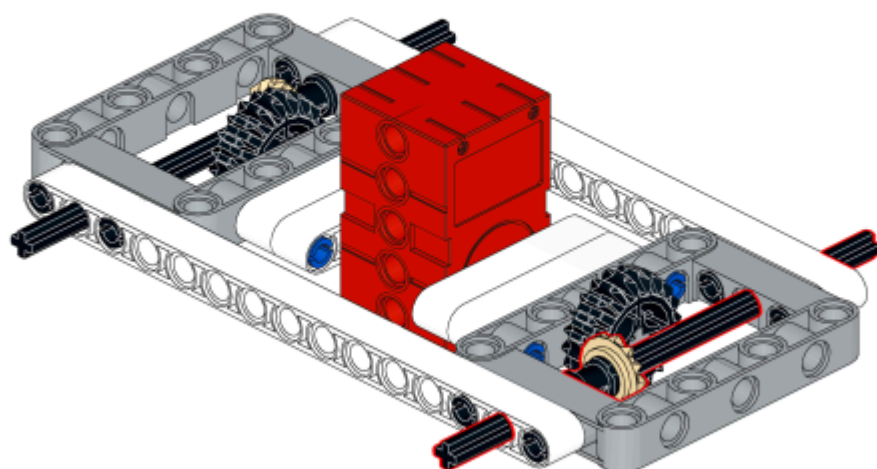
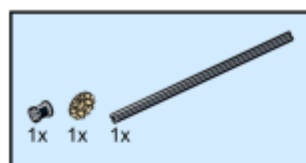
9



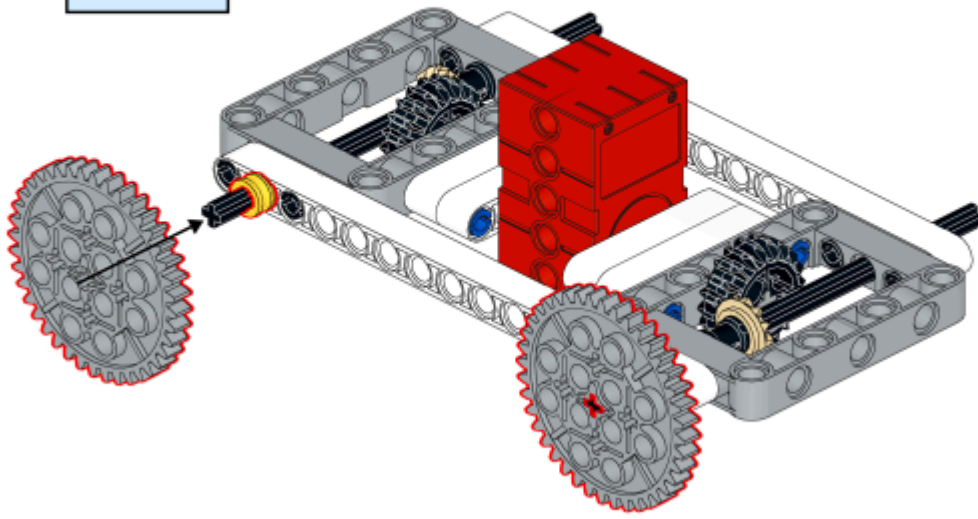
10



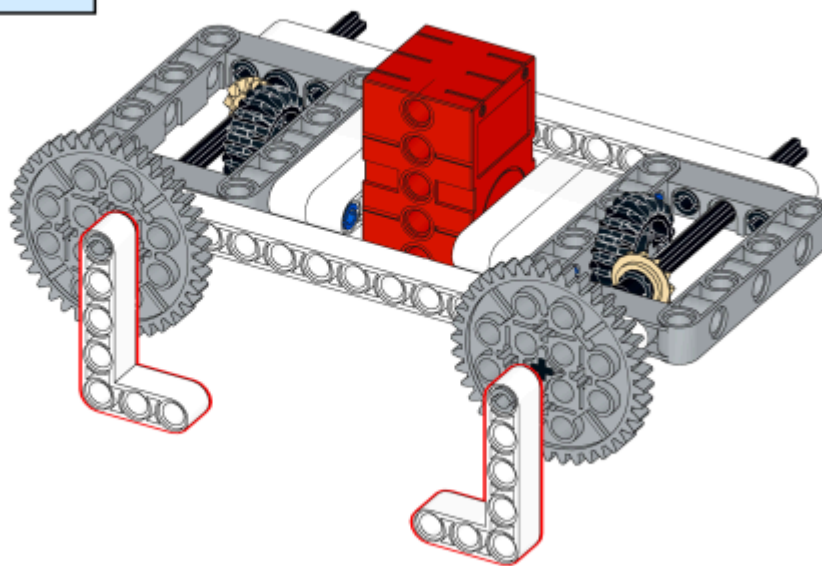
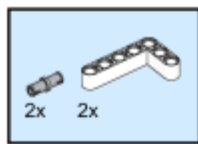
11



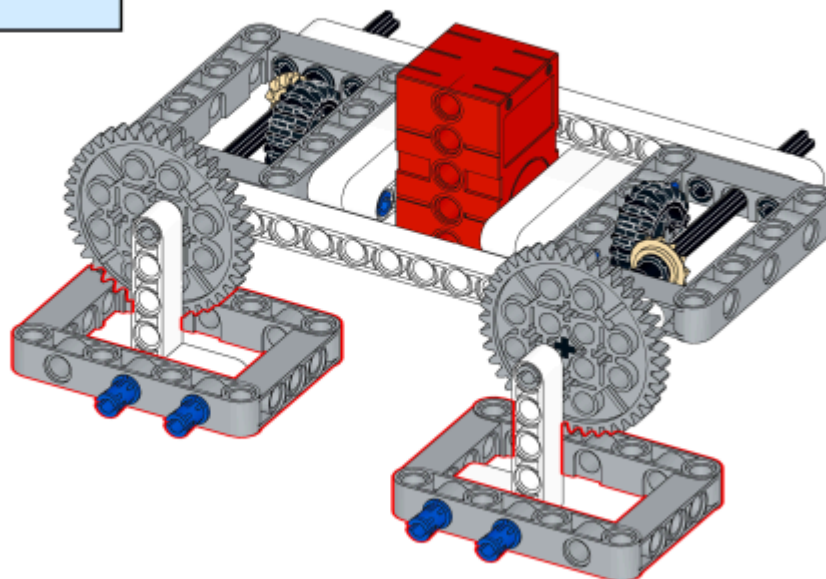
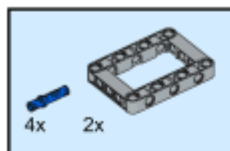
12



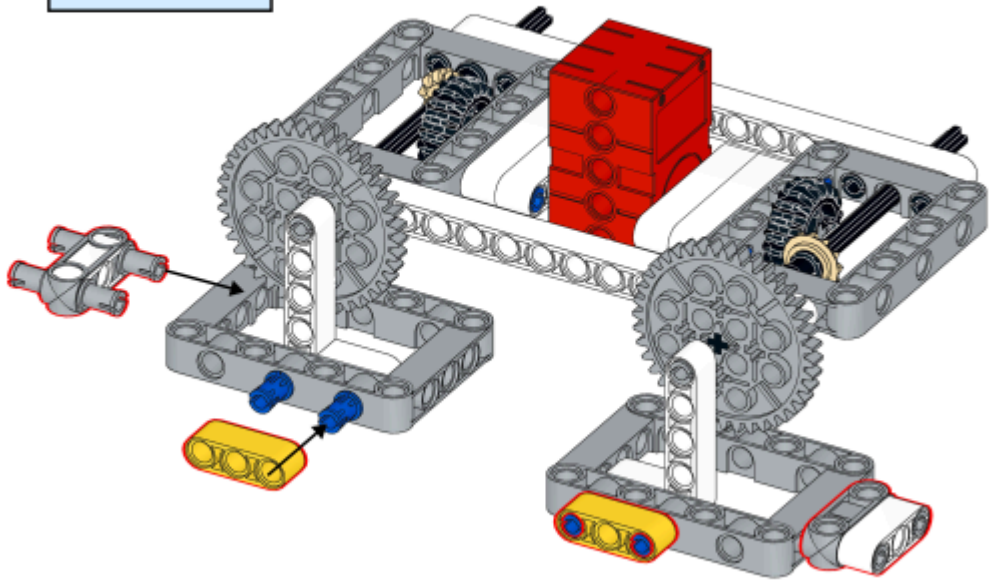
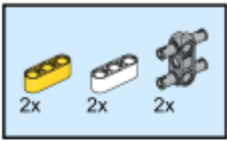
13



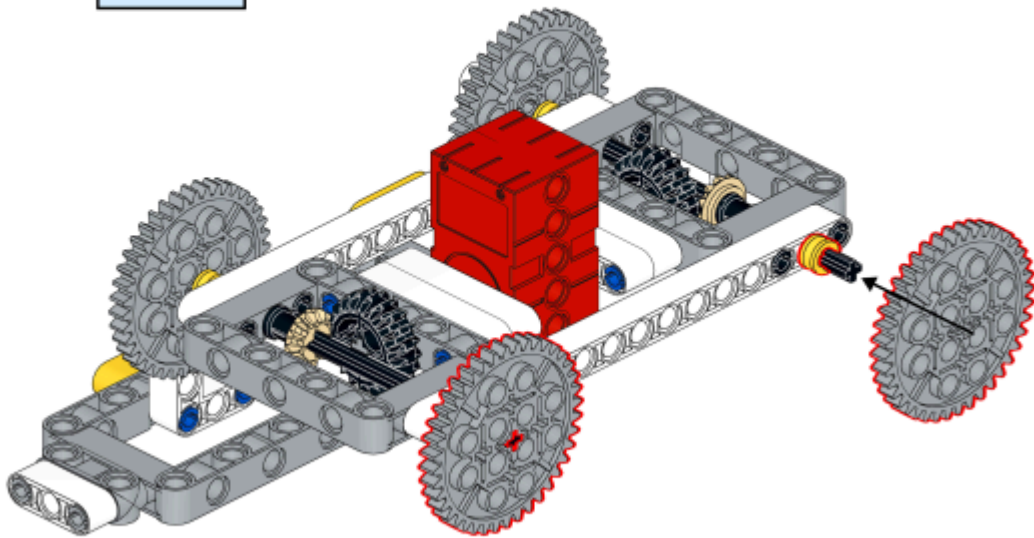
14



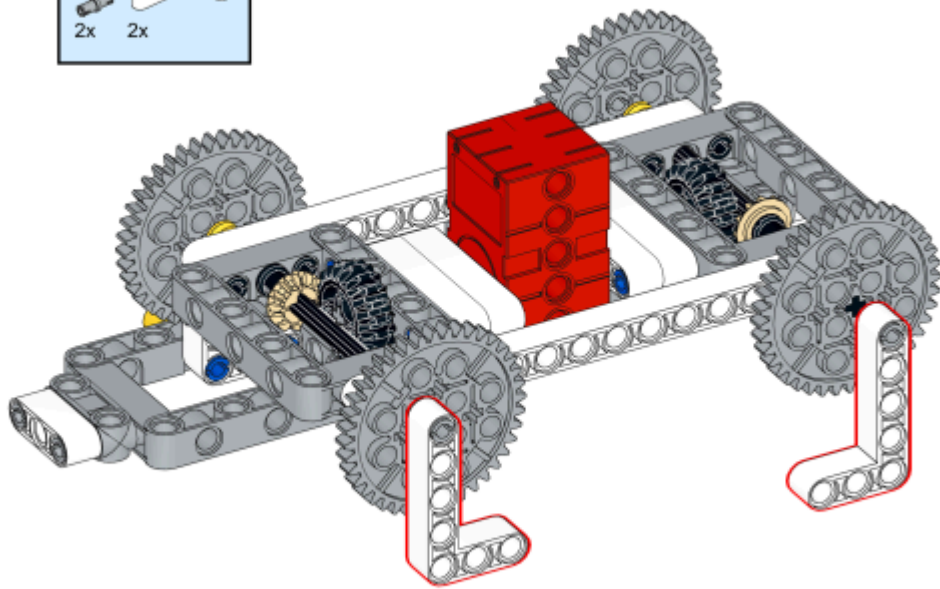
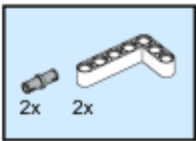
15



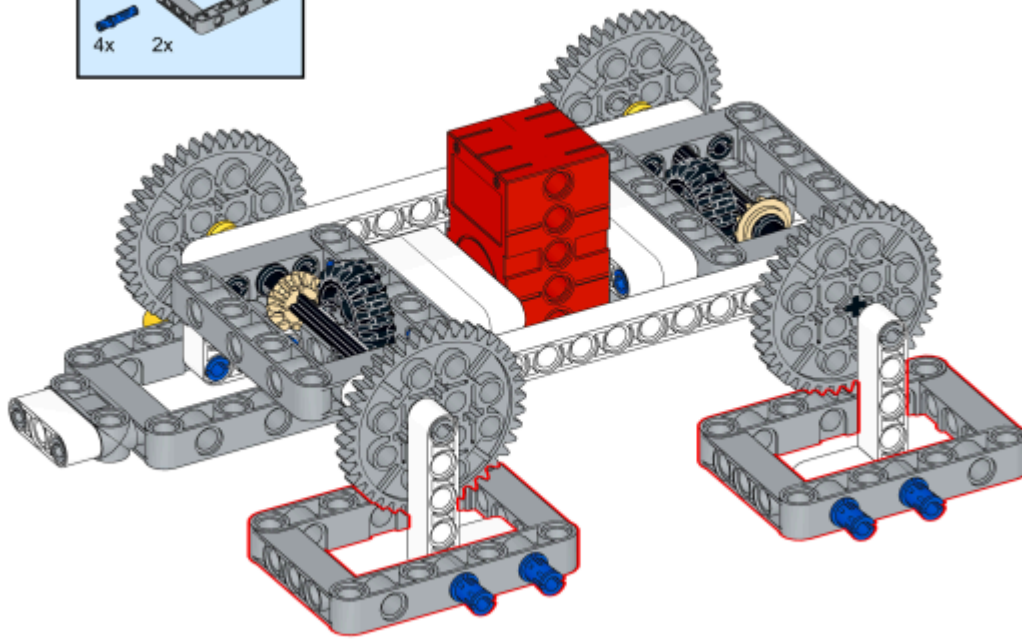
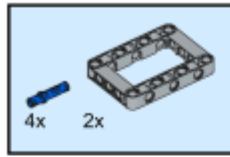
16



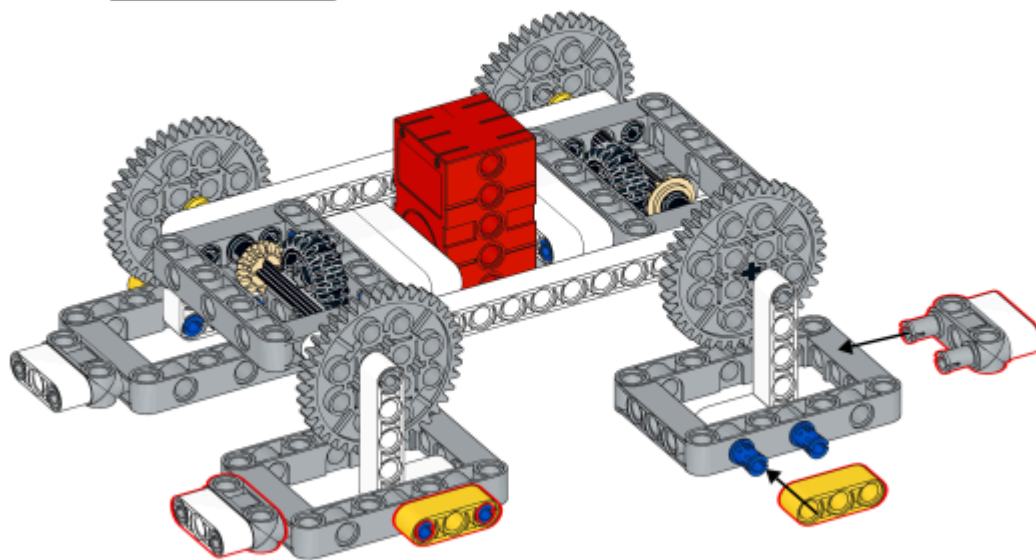
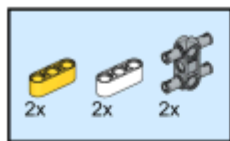
17



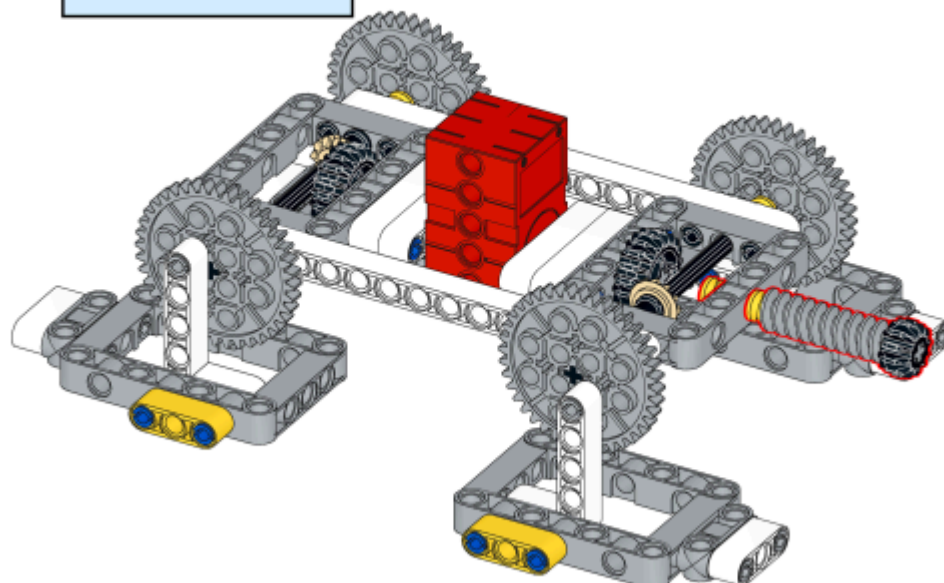
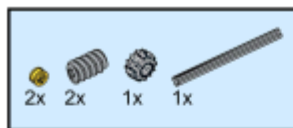
18



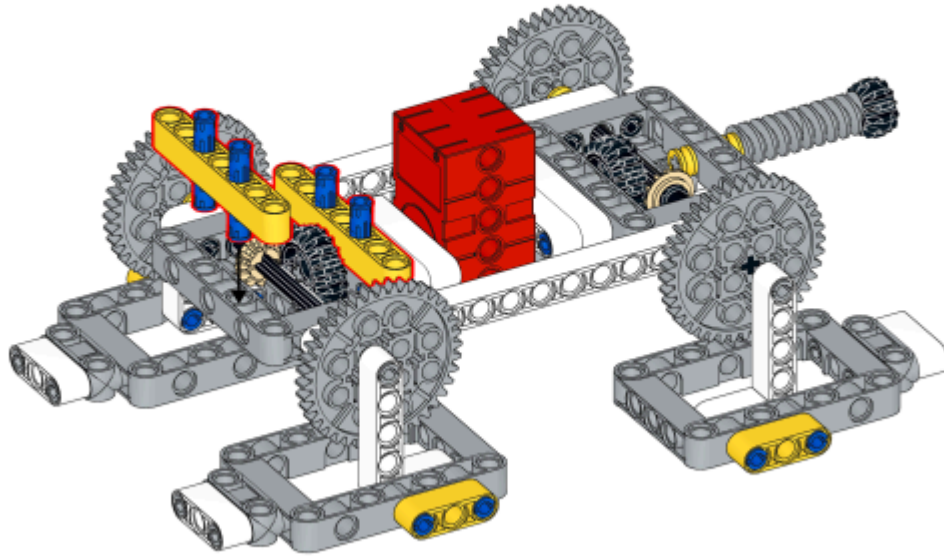
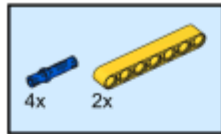
19



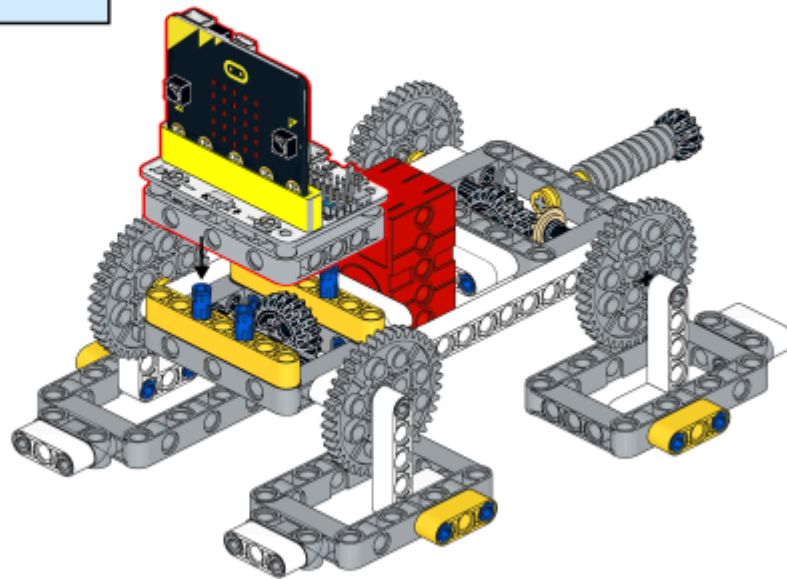
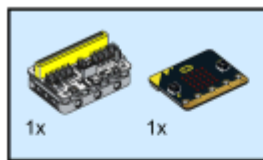
20



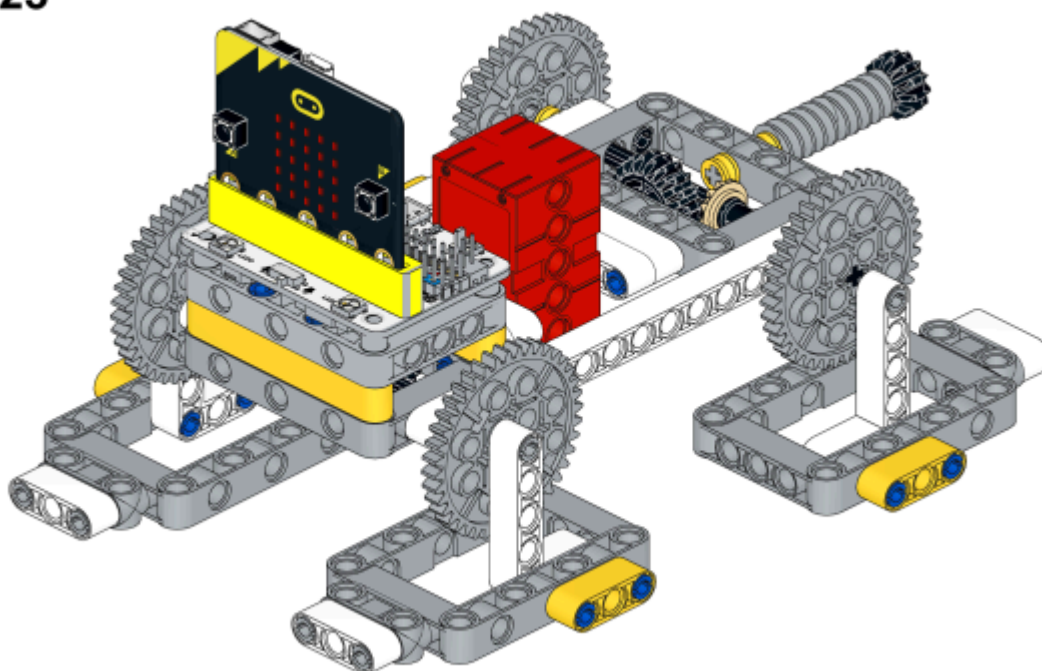
21



22

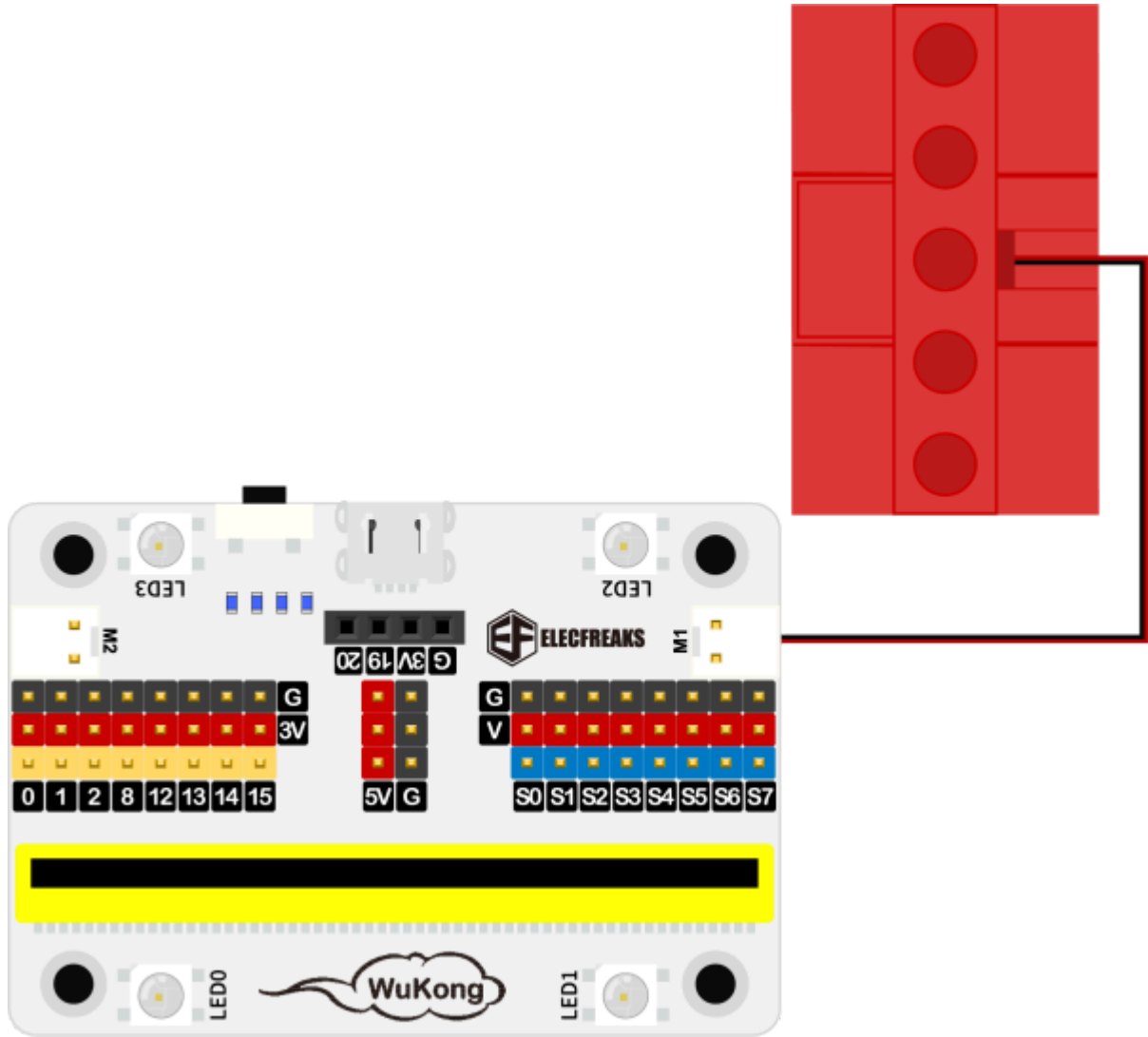


23



34.5. Hardware Connection

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



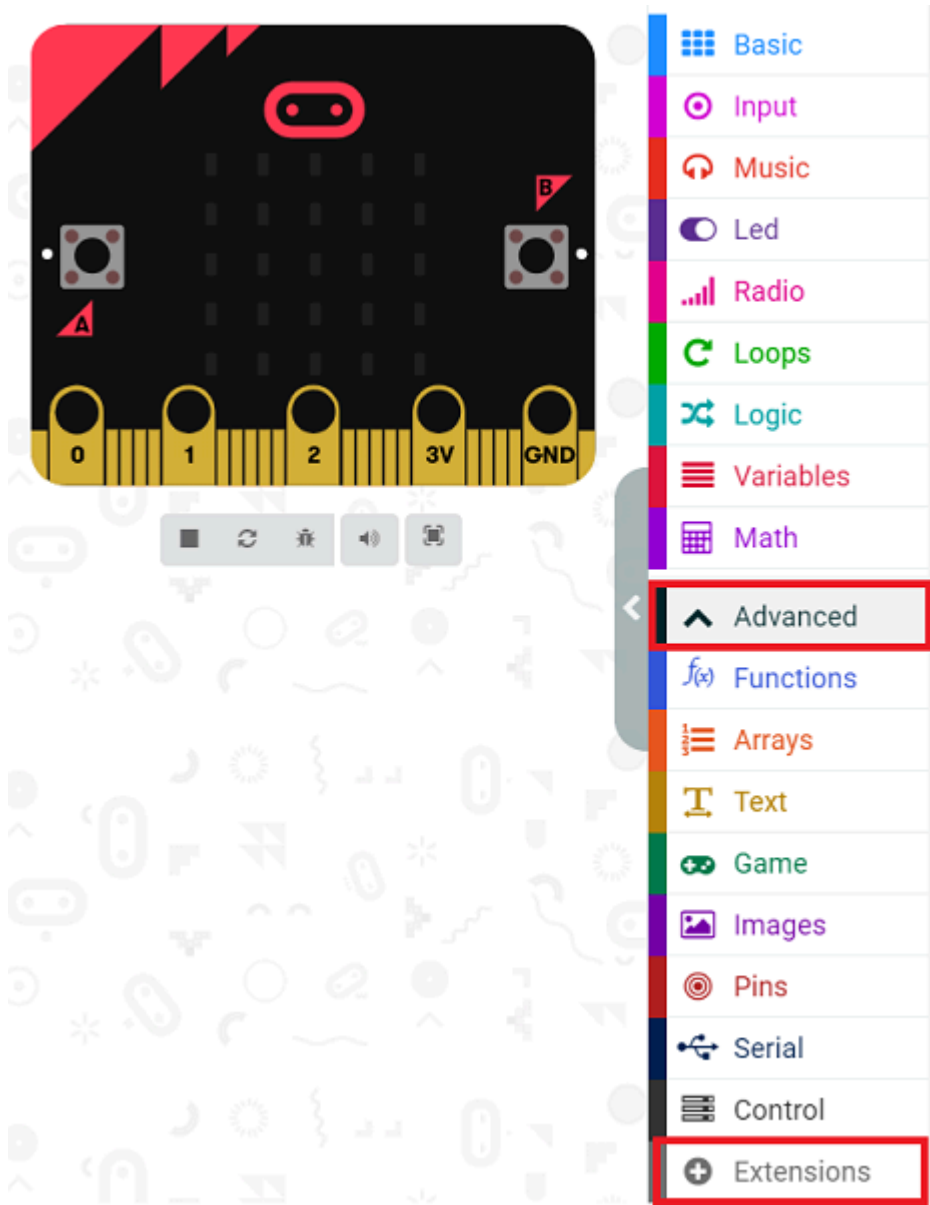
34.6. Software Platform

[MakeCode](#)

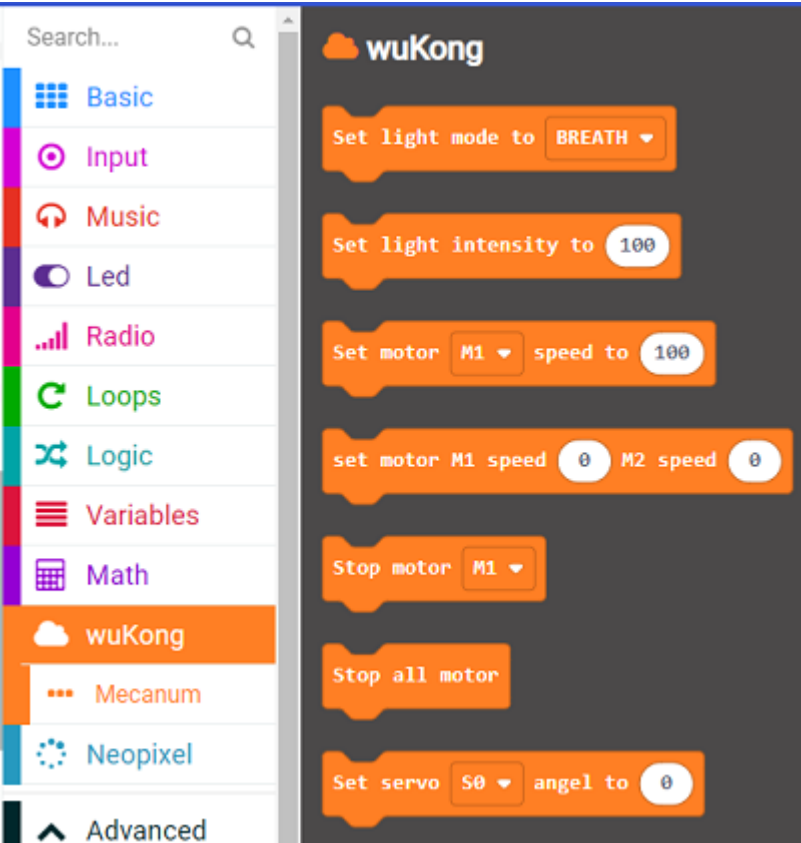
34.7. Coding

Add extensions

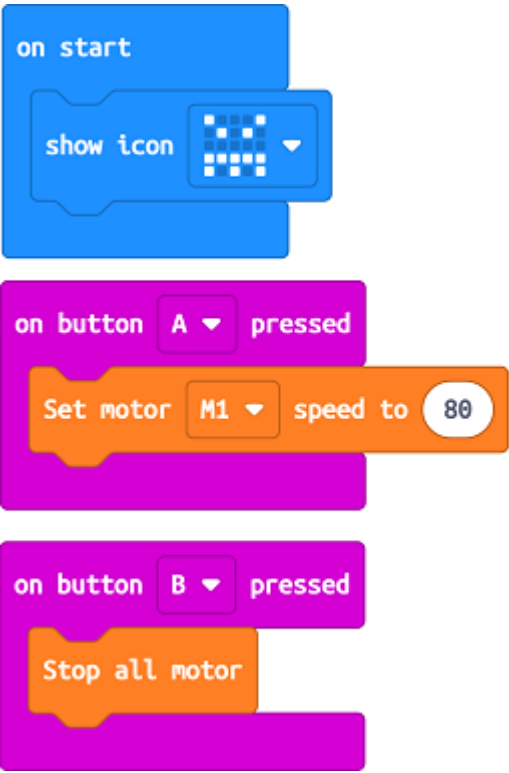
Click “Advanced” in the MakeCode to see more choices.



Search with Wukong in the dialogue box to download it.



Program



Link:https://makecode.microbit.org/_E5pWvtMr1CK1

Result

When button A is pressed, the robot dog moves forward; and when button B is pressed, the robot dog stops moving.