

Silly Walks

Build a robot that moves forwards – without using wheels!



Think Like an Engineer:

How can you propel your robot forward without wheels?

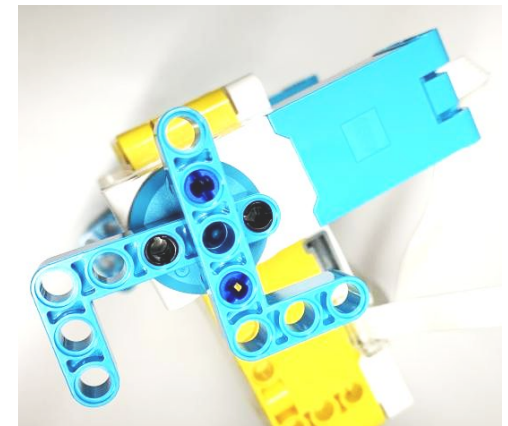
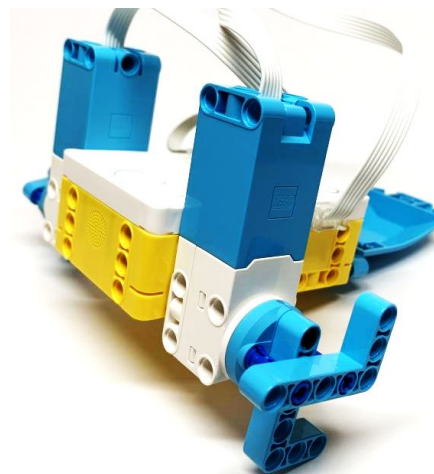
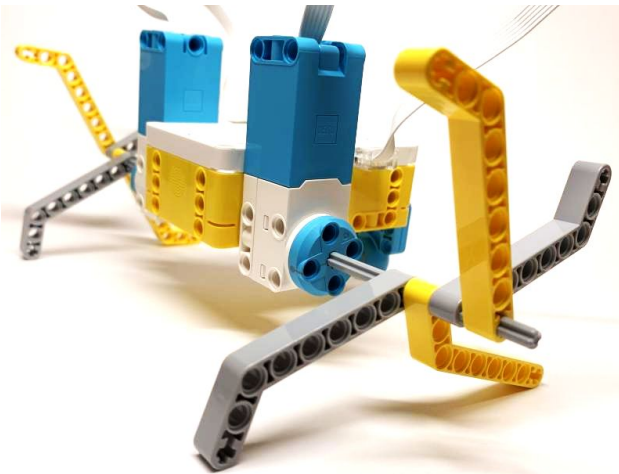


Think Like a Physicist:

Will your robot move faster with longer or shorter legs?

Example Ideas

What are different ways you can attach the “legs” to the motor?



Flip over for more details!





Build It!

LEGO pieces are versatile!

Be creative about what pieces you use and don't be afraid to think outside the box!



You can use these as wheels or legs:



You can use these as stabilizers or supports:



Challenge Yourself!

Try to build a silly walks robot with only one motor