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Project No.: 2021-1-EL01-KA220-SCH-000023967
KA220-SCH - Cooperation partnerships in school education



Automation Engineers





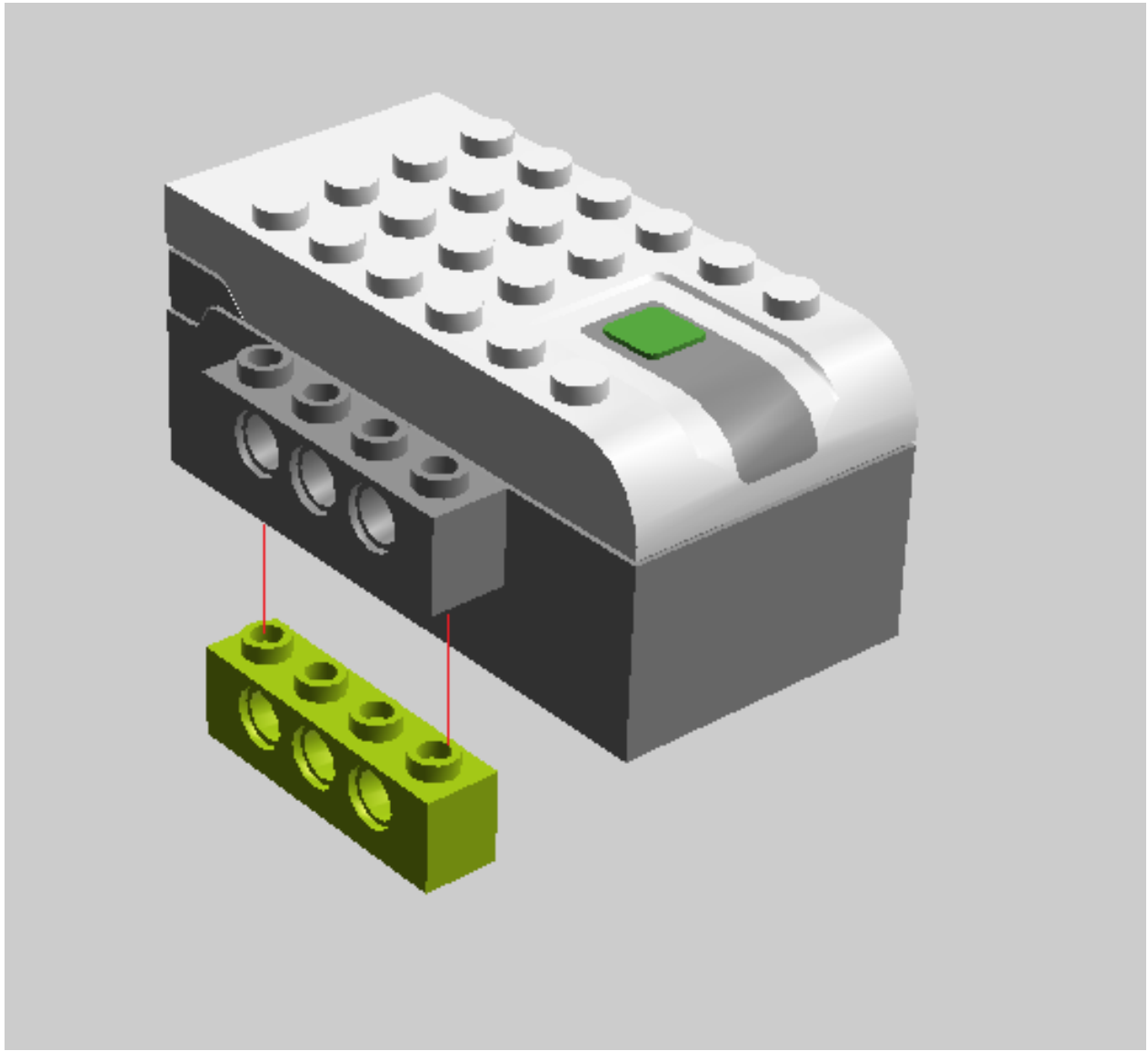
TODAY WE START WITH THE BUILD



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STEM Education for Primary Schools
STEM for Youngsters

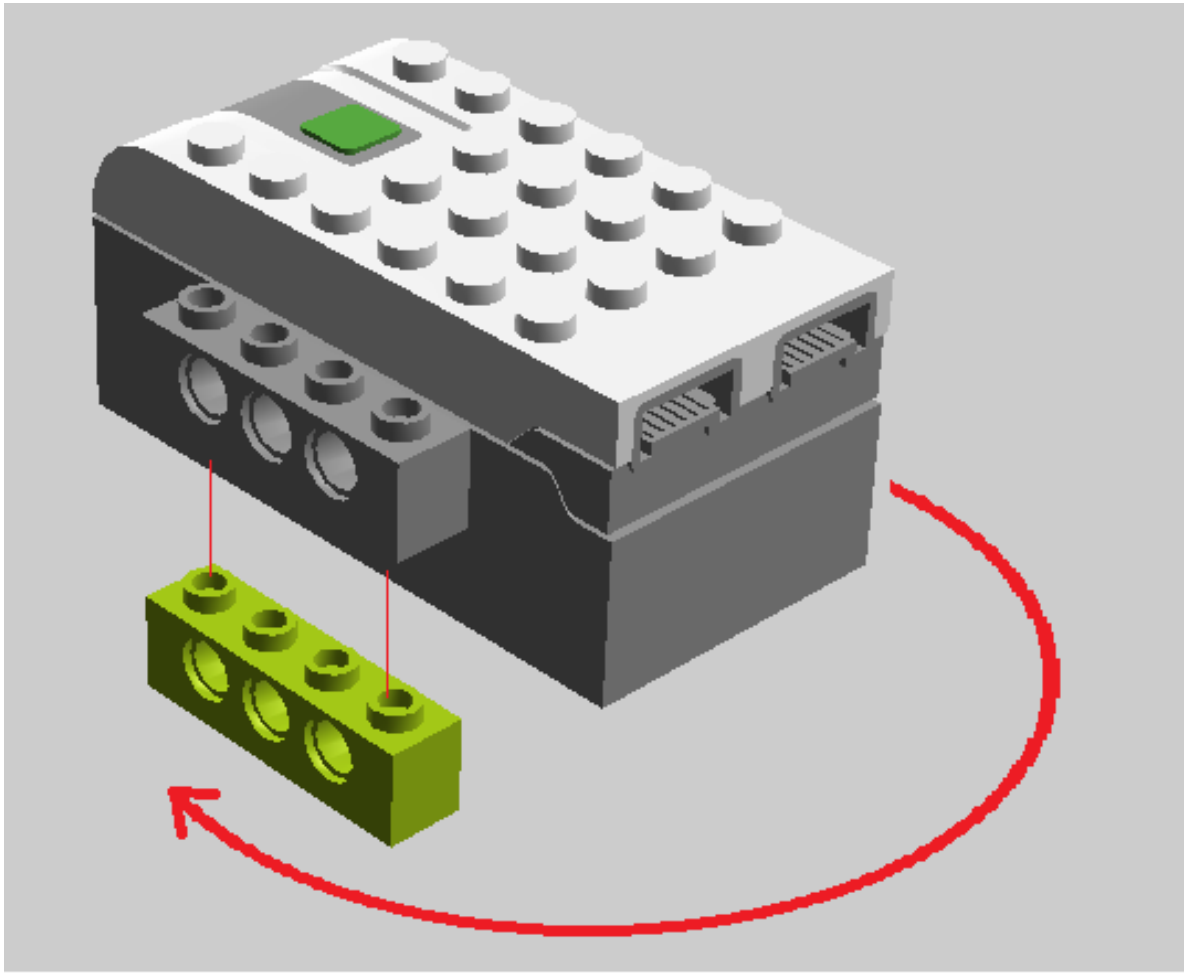
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2

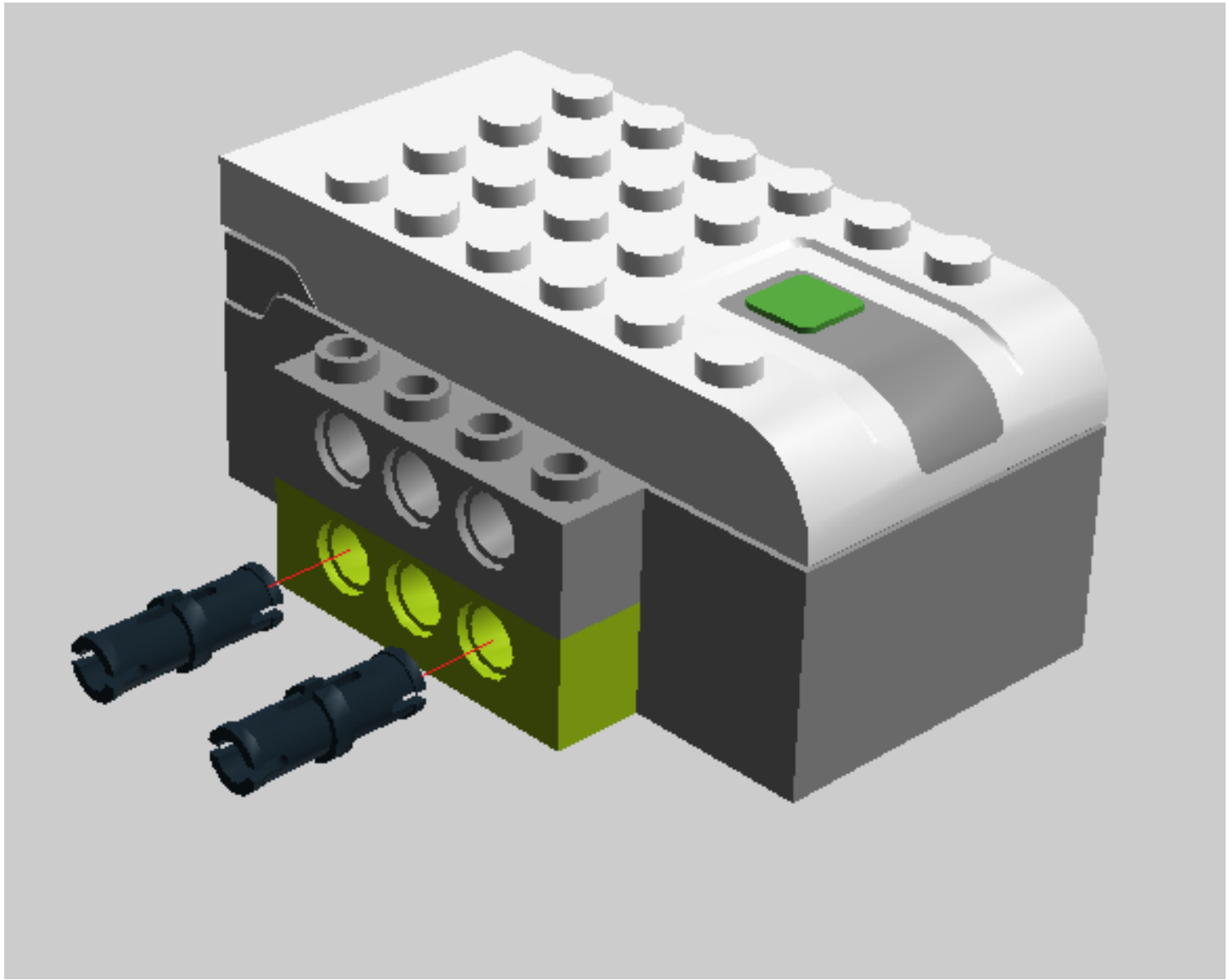


Turn the hub to the other side
and repeat the previous step

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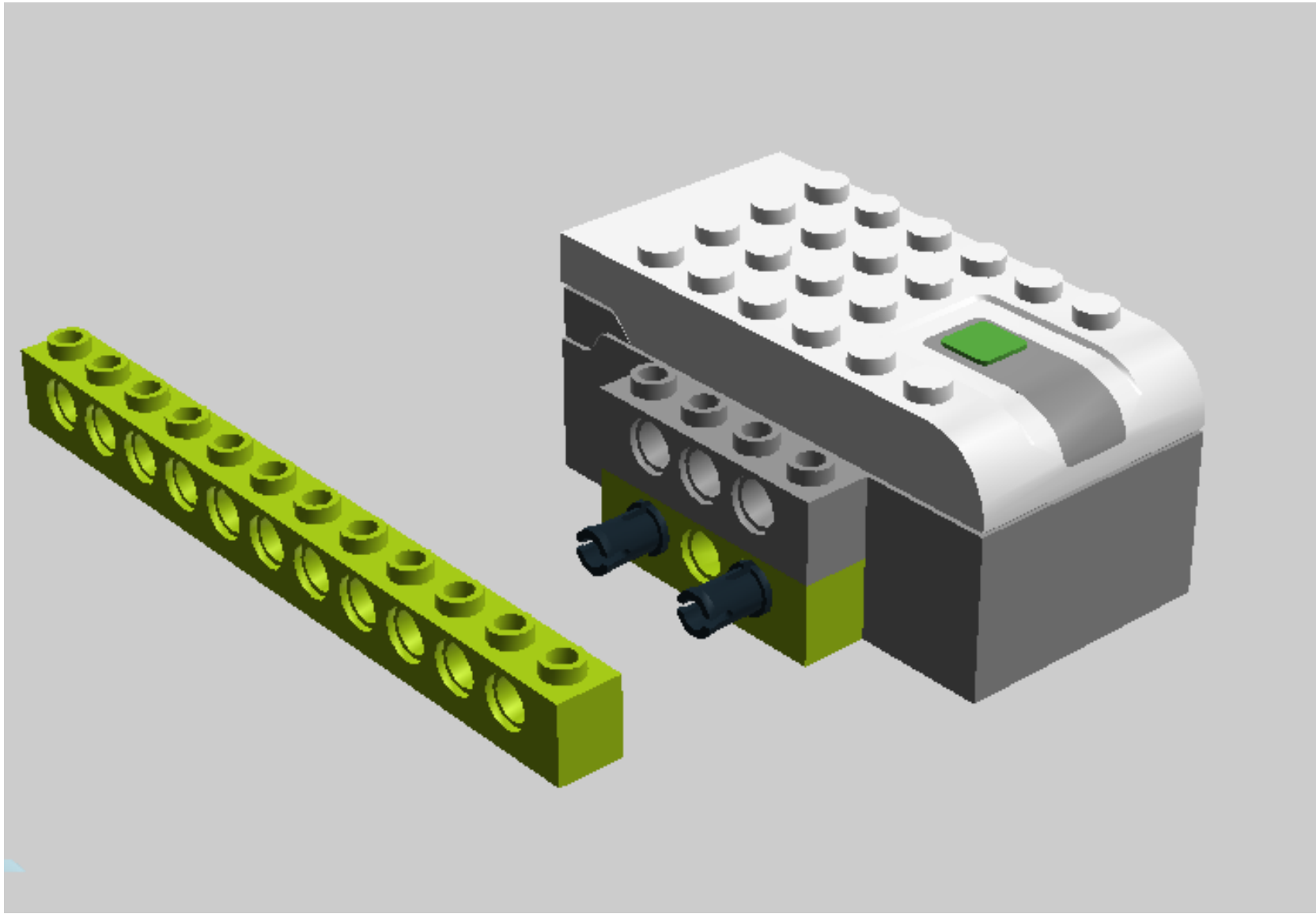
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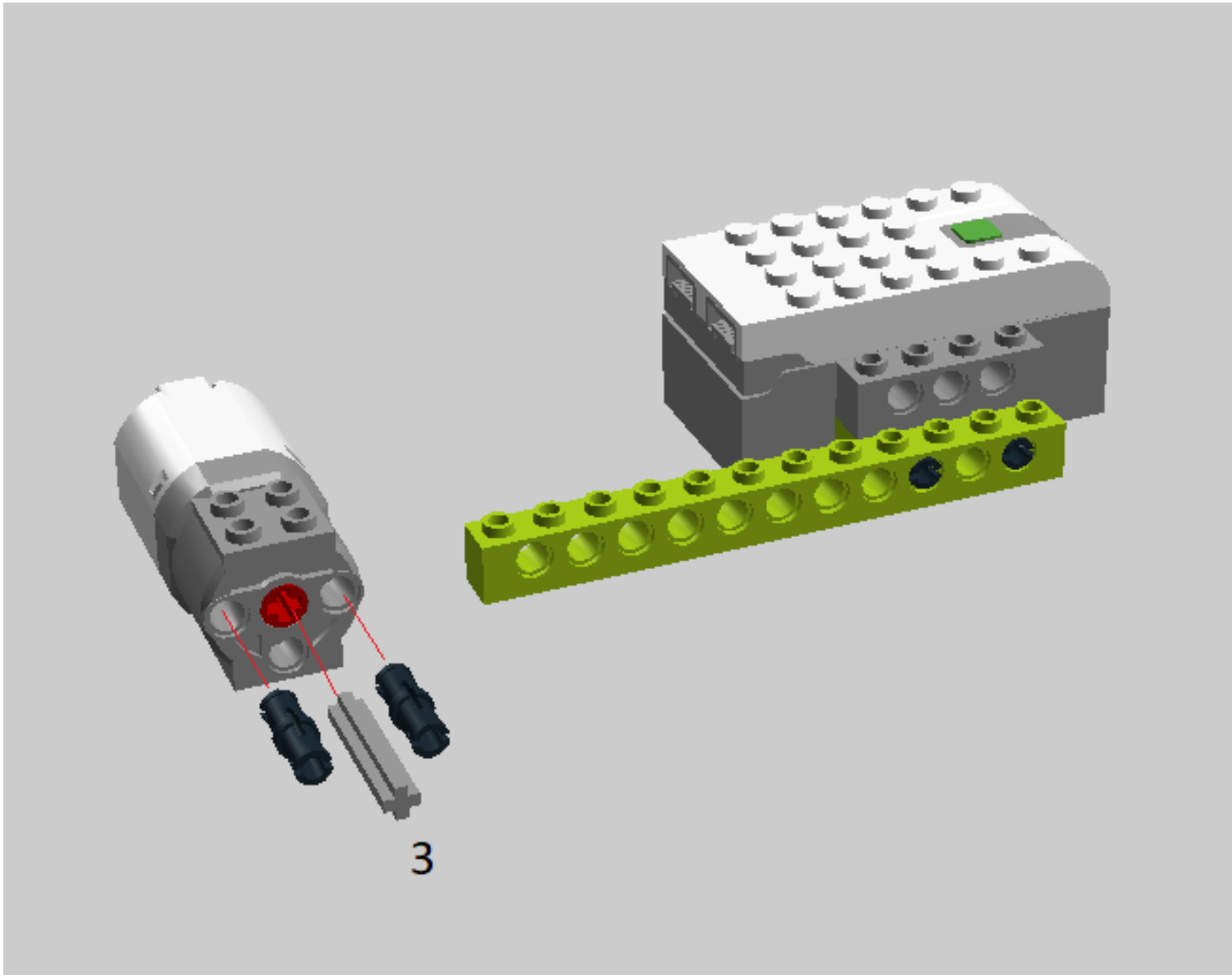
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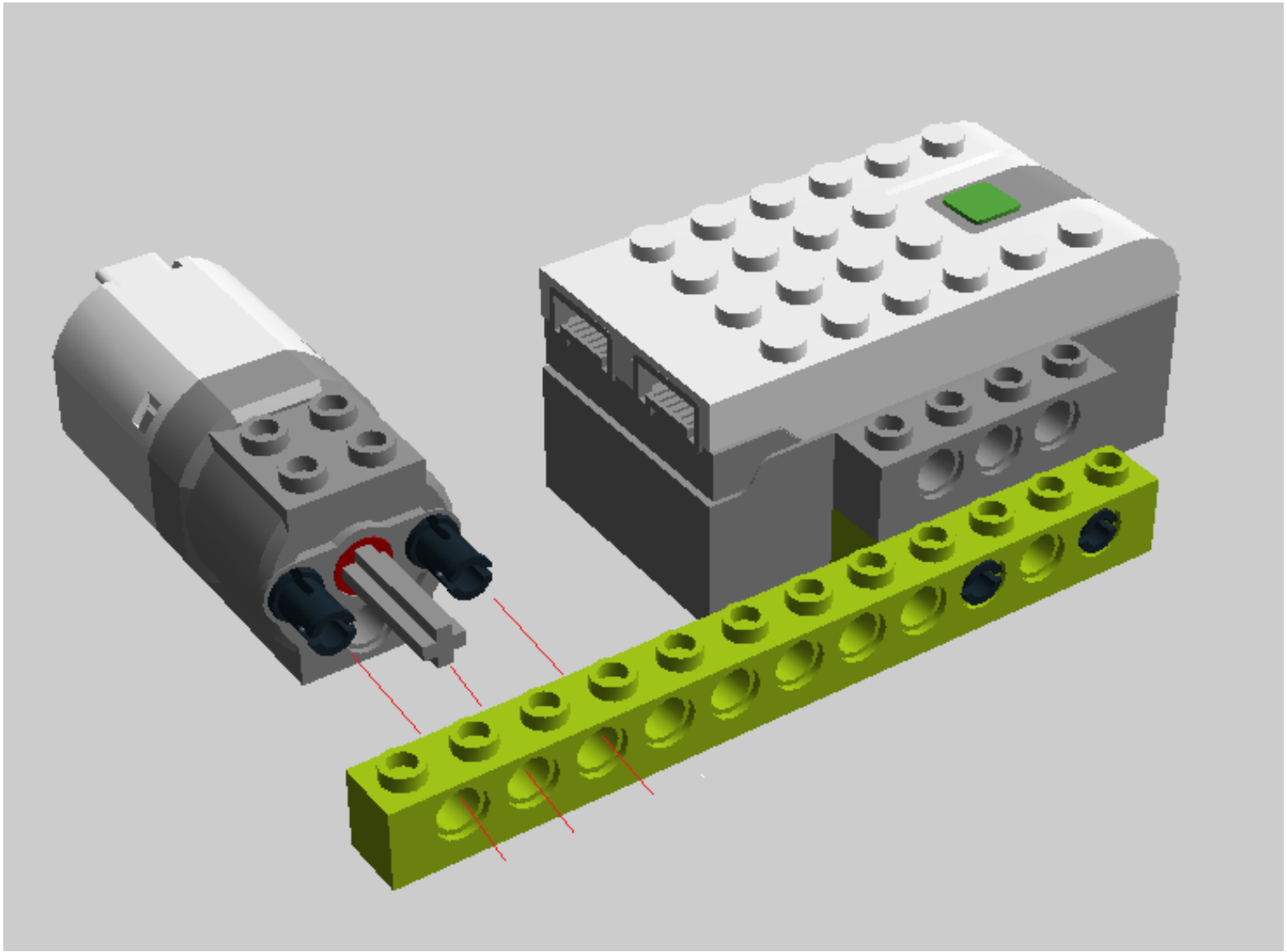
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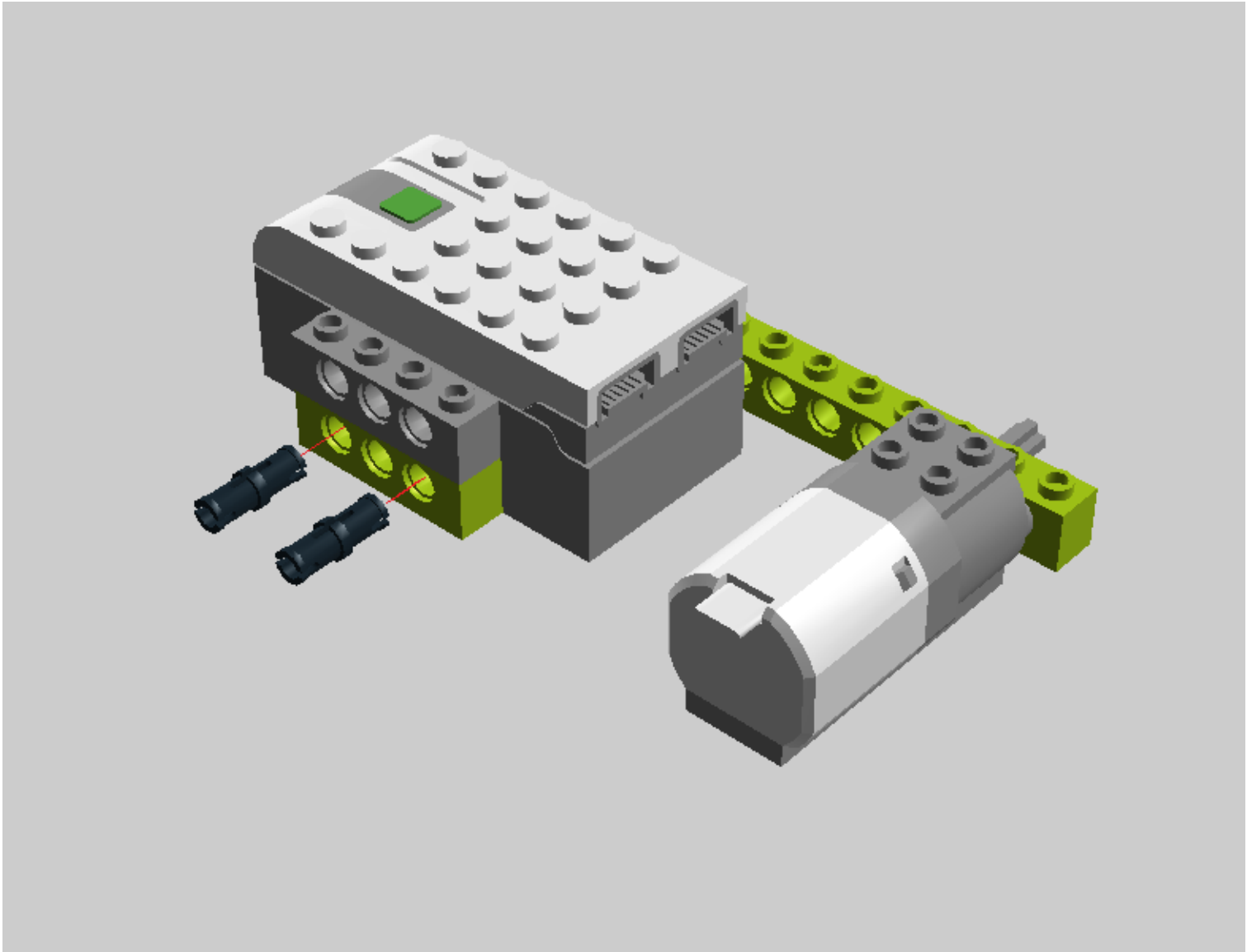
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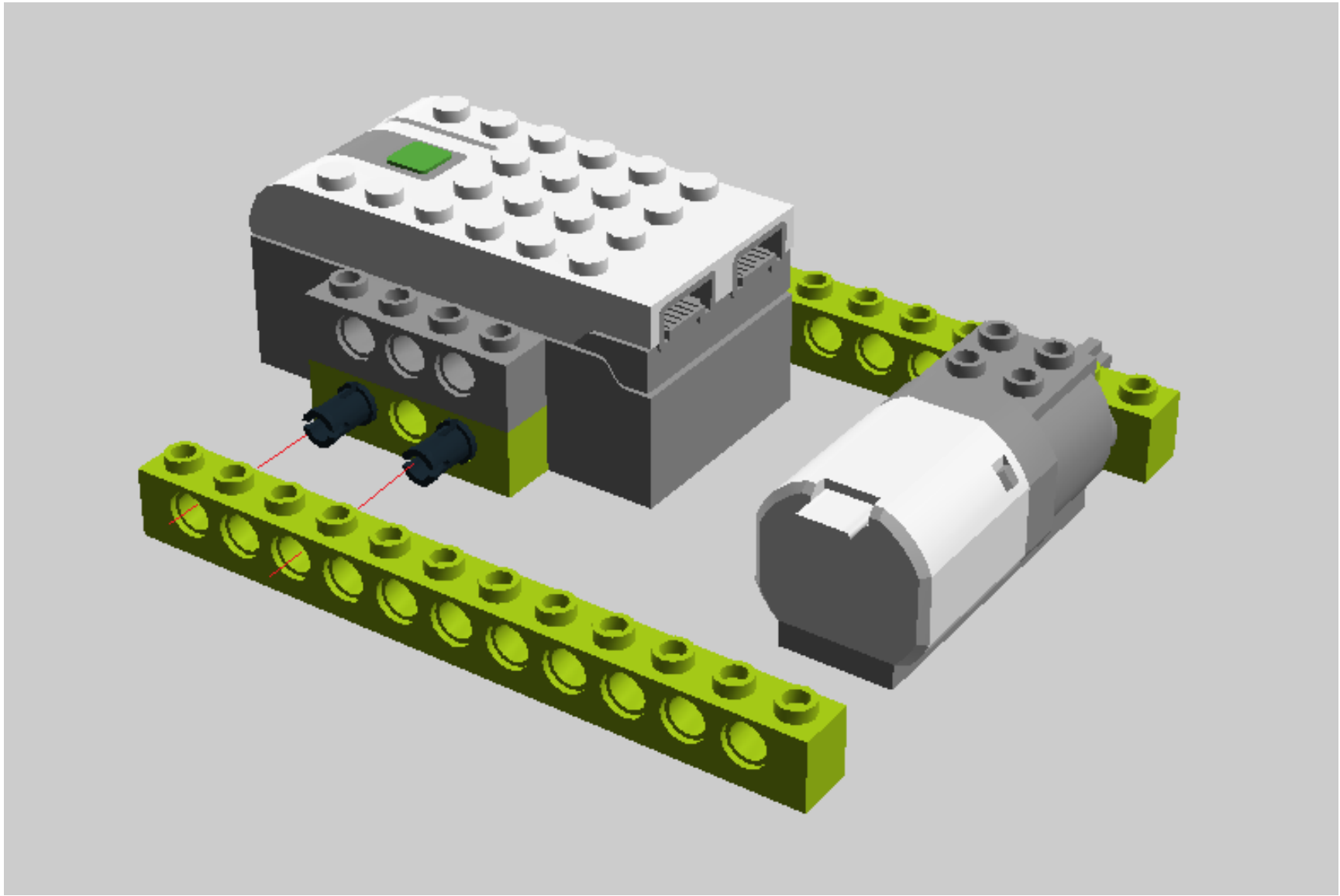
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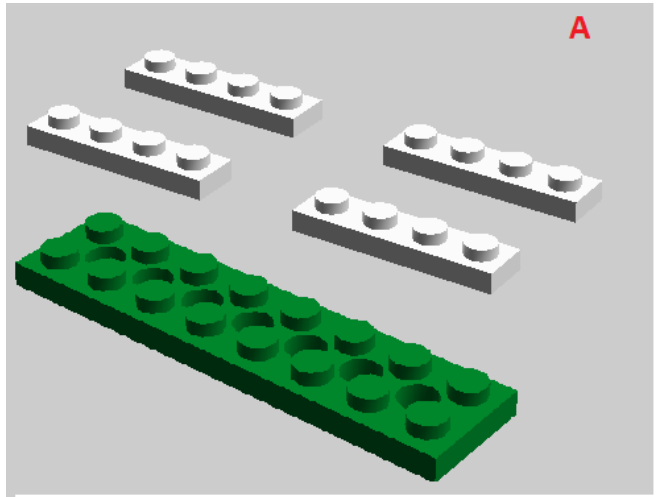
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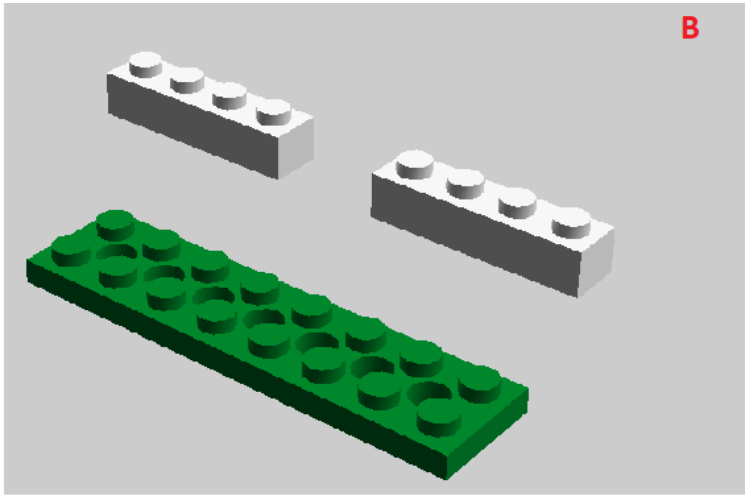


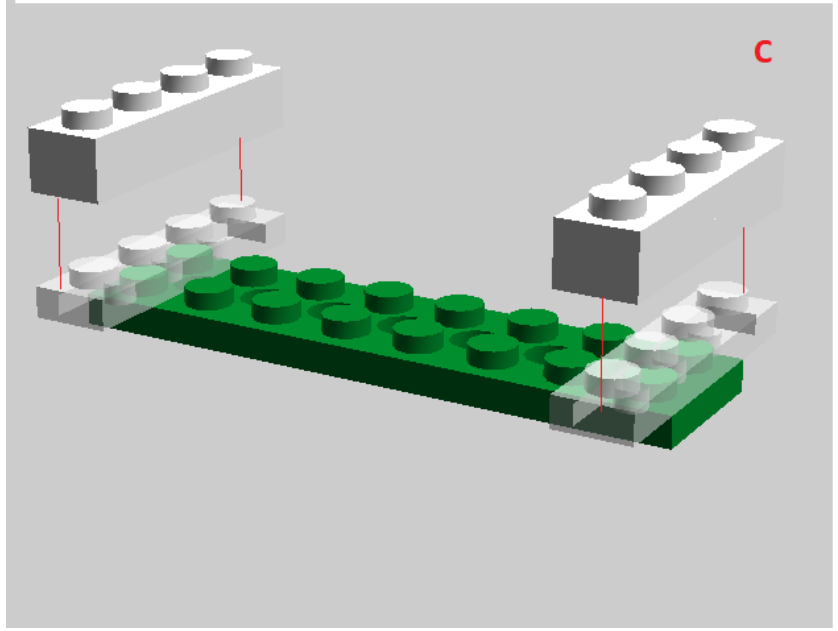
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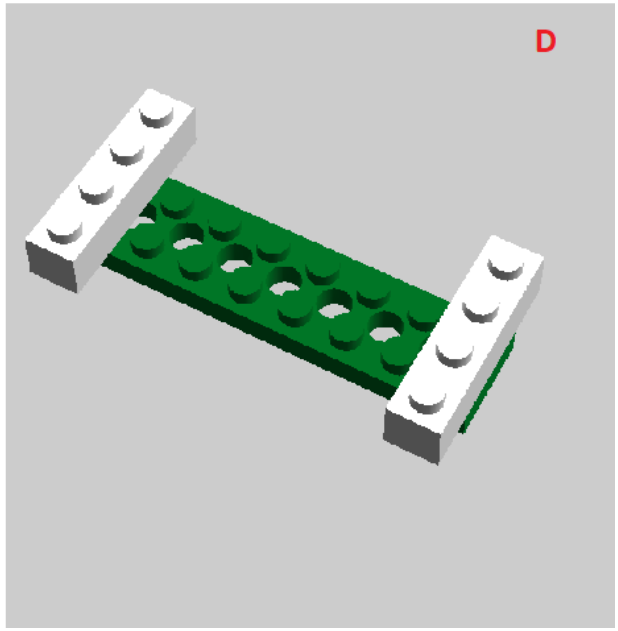
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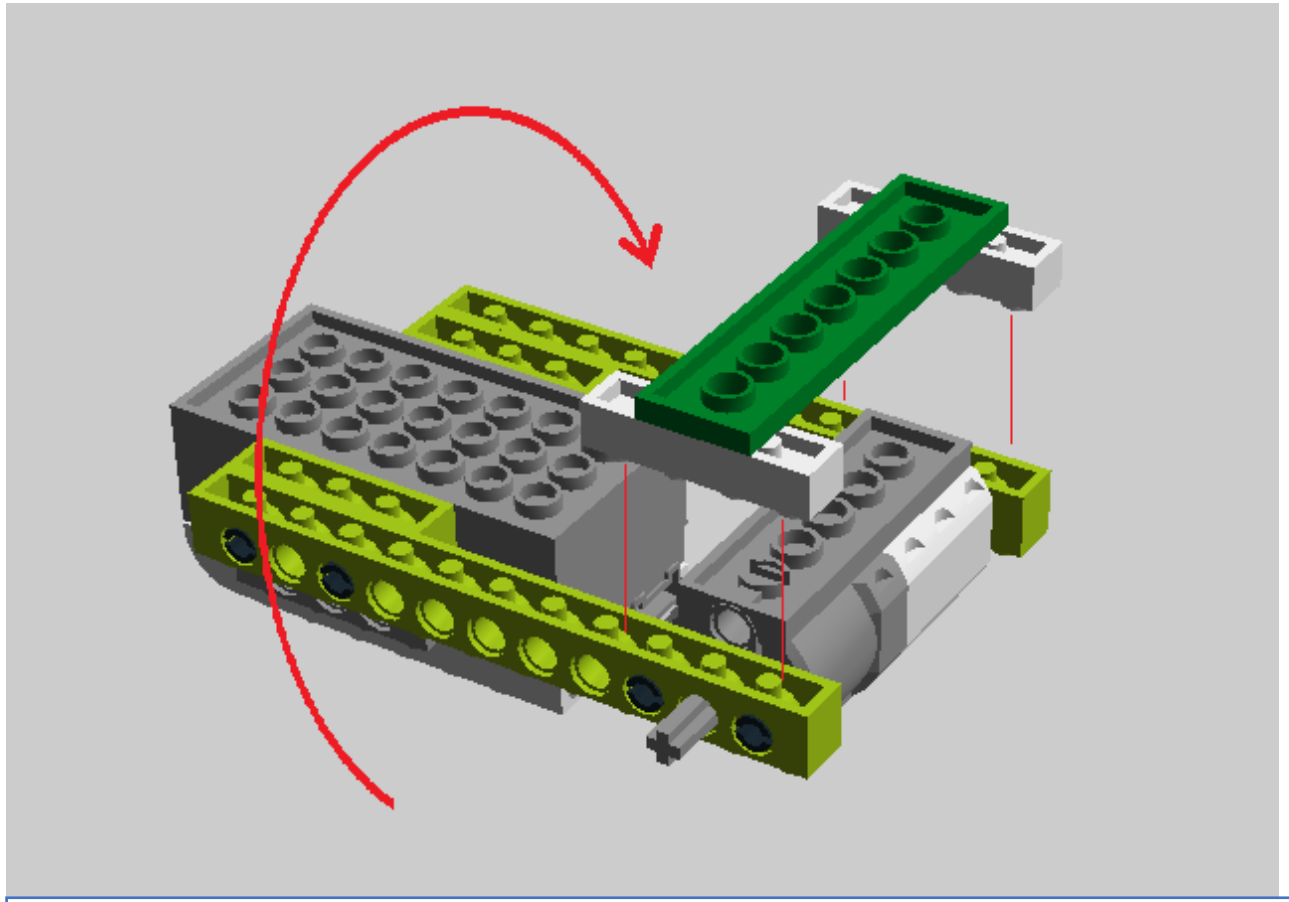








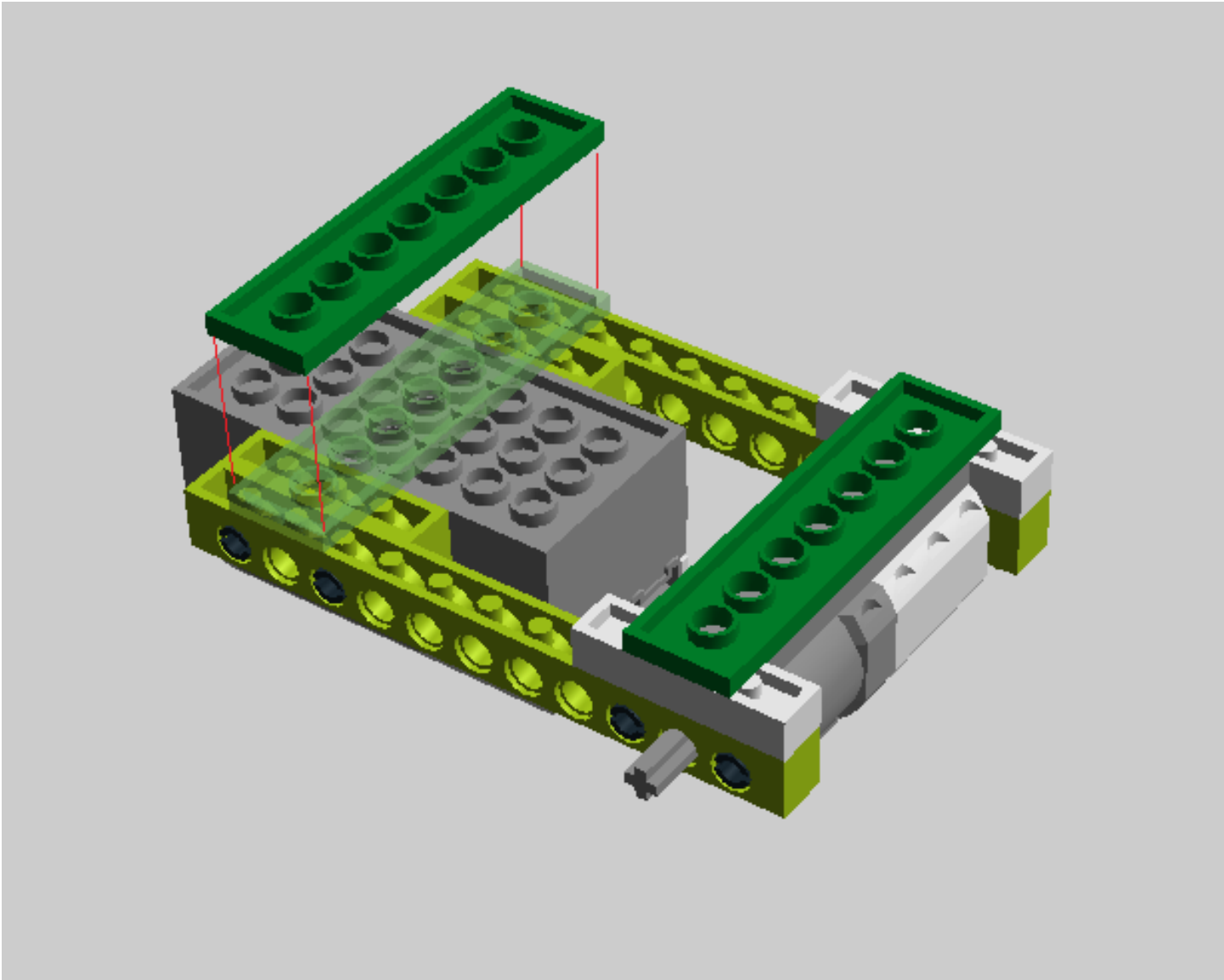
10



Turn the model upside down
and place the piece you assembled in the previous step

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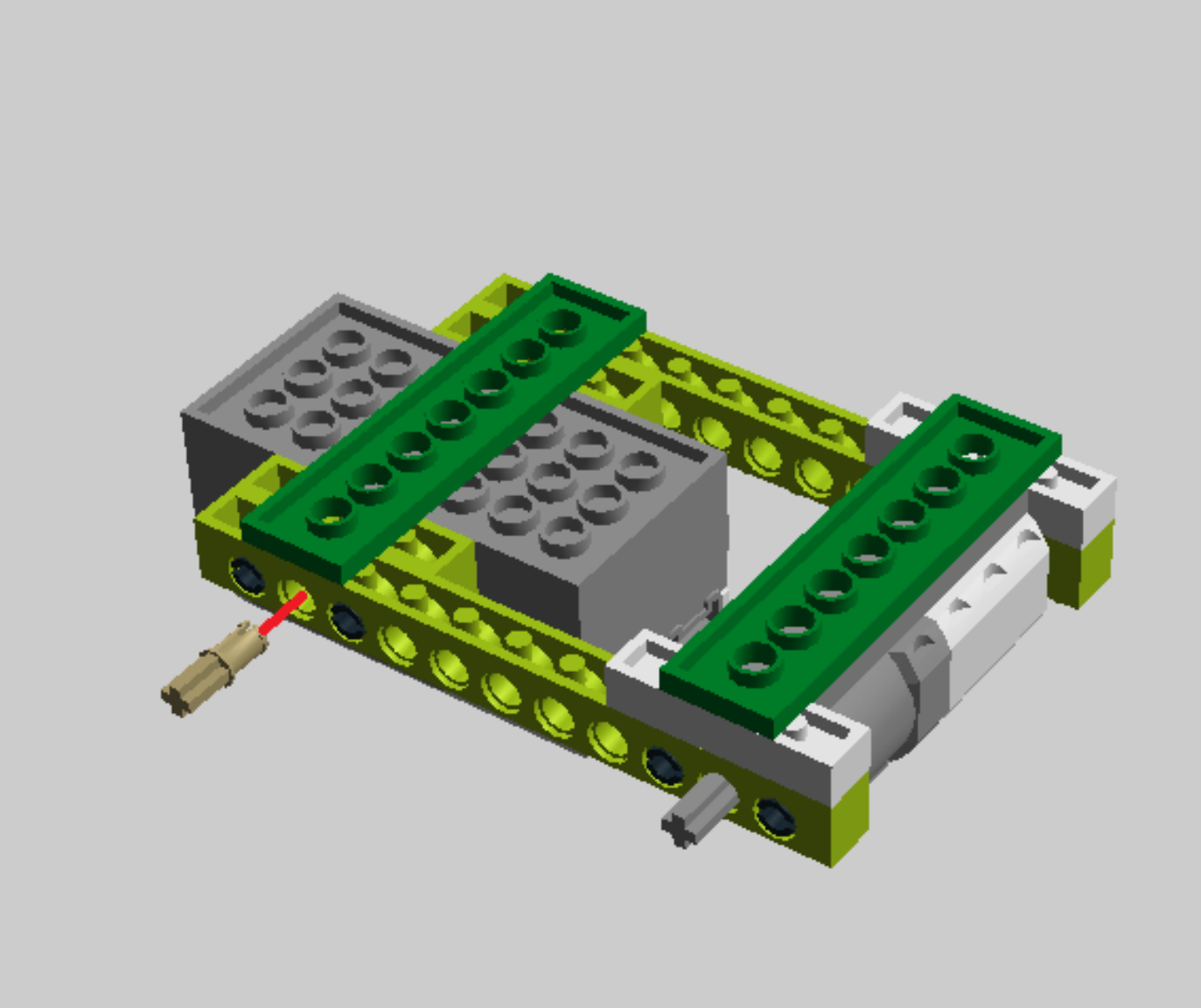
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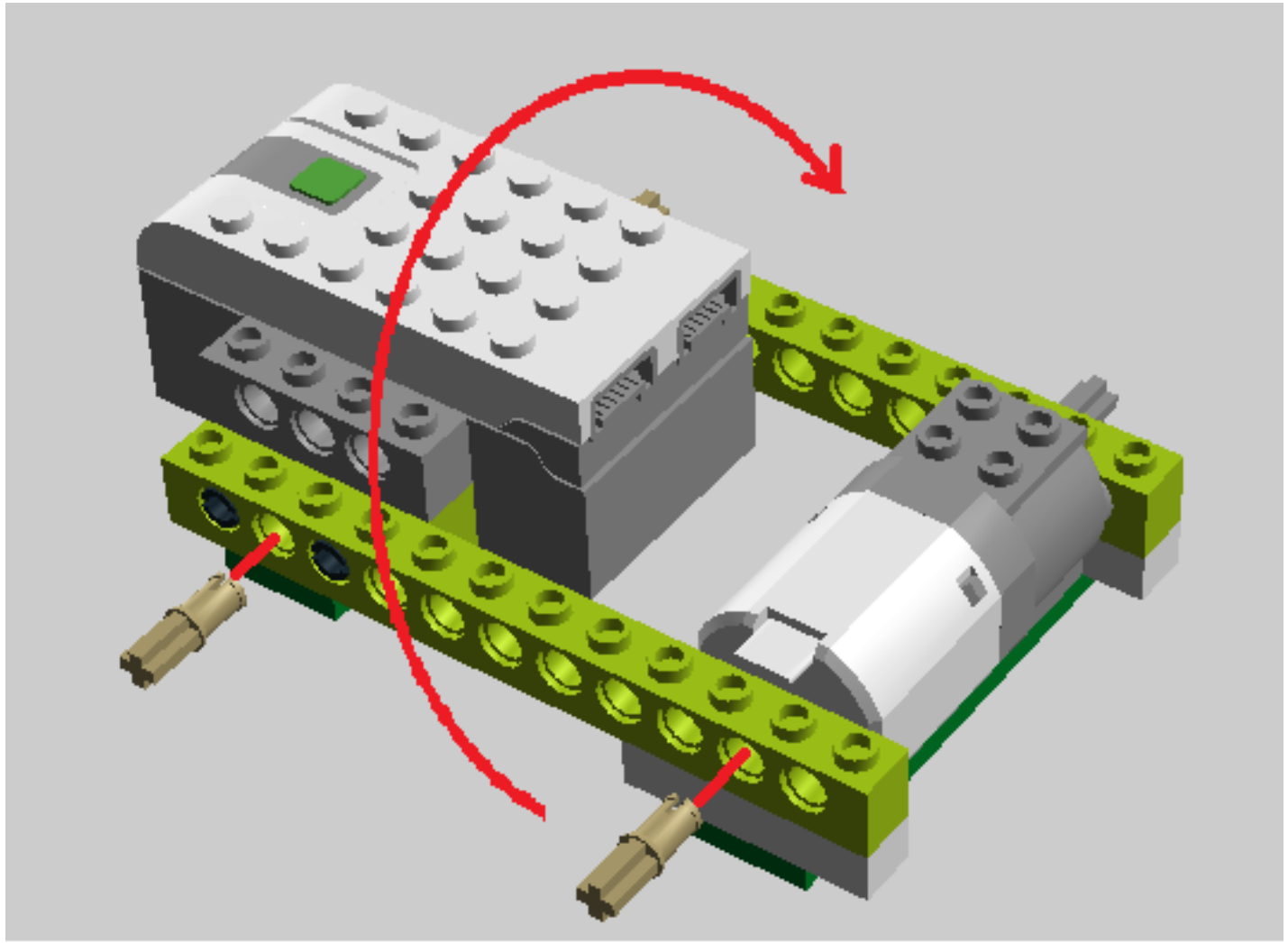
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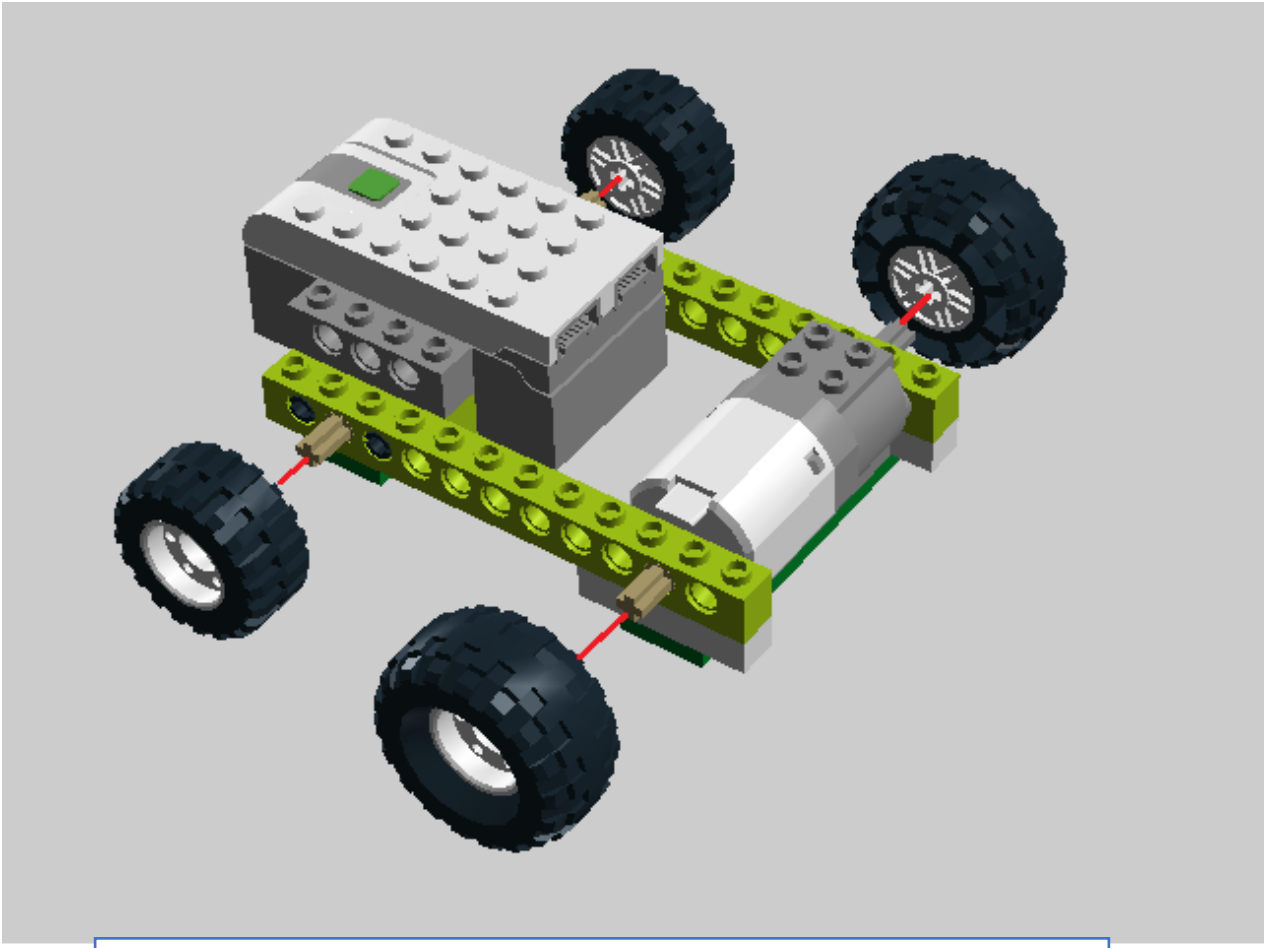


Turn the build upside down again

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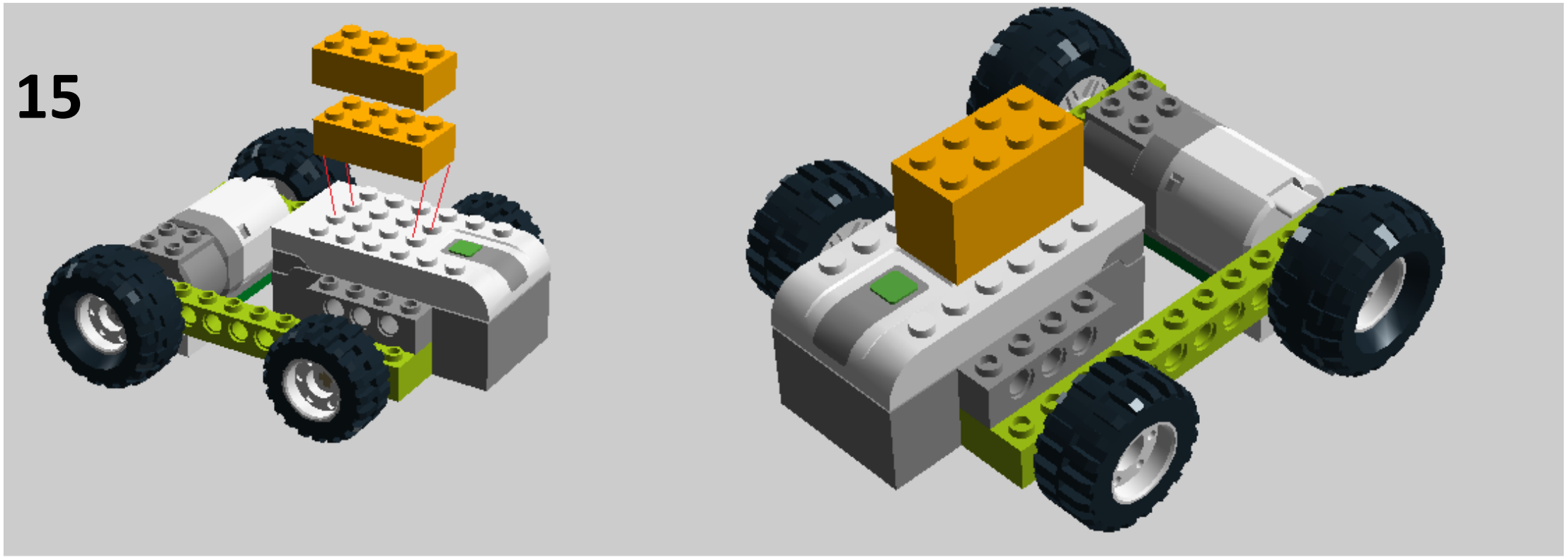
14



Place the wheels:
two little ones in the front
two big ones in the back

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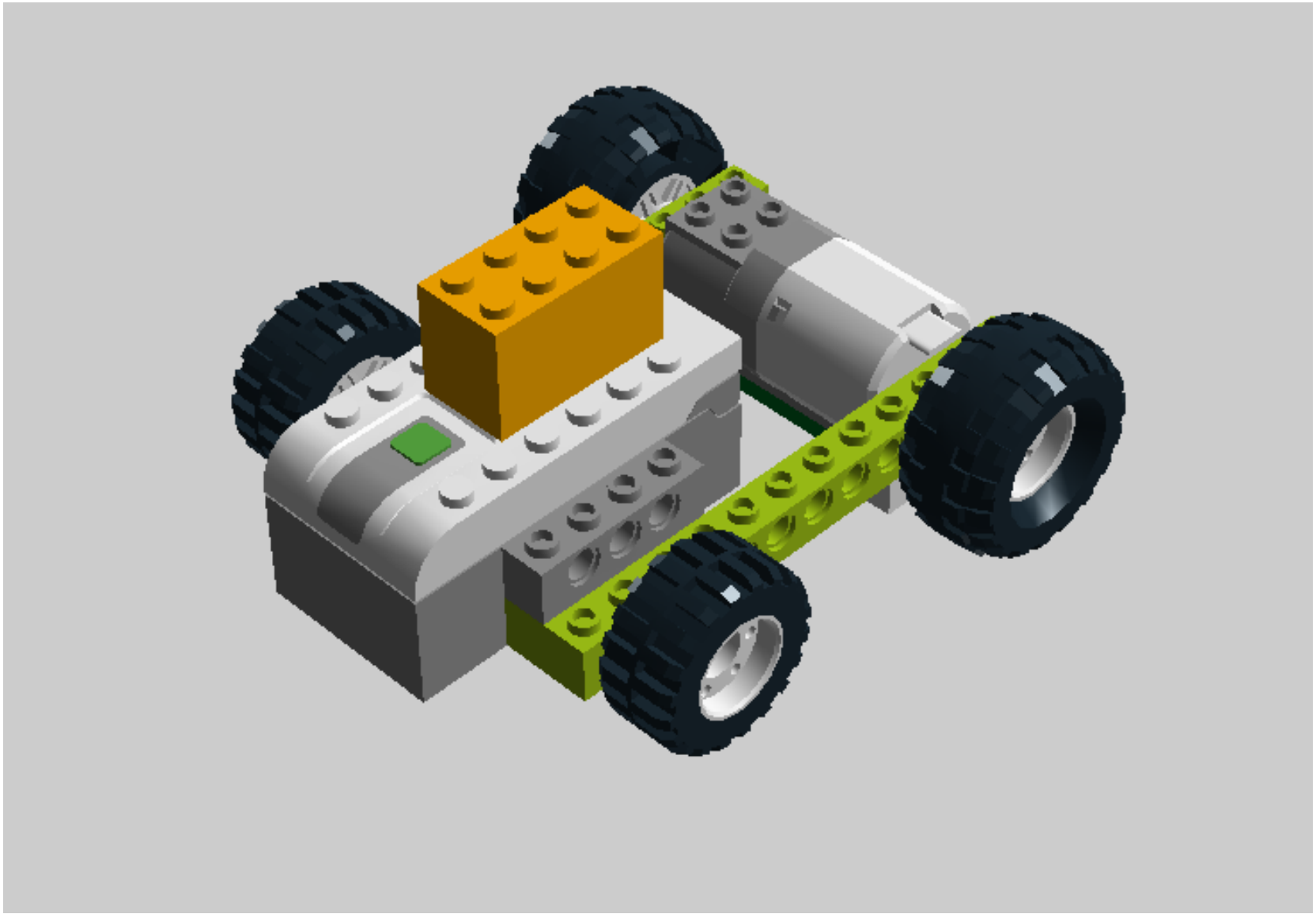
15



Place the two orange bricks for cable management, so they don’t interact with the wheels

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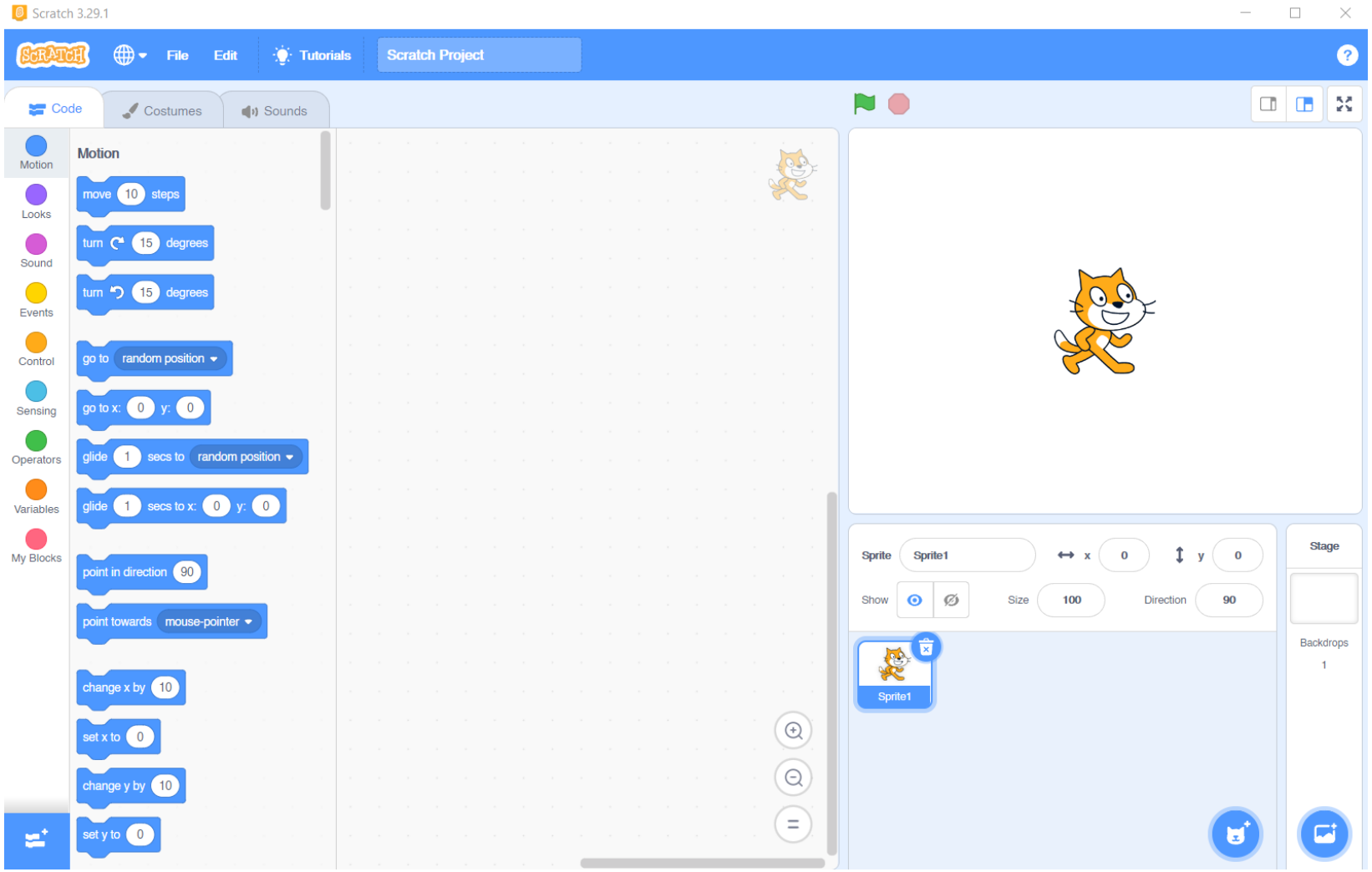
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Introduction to Scratch





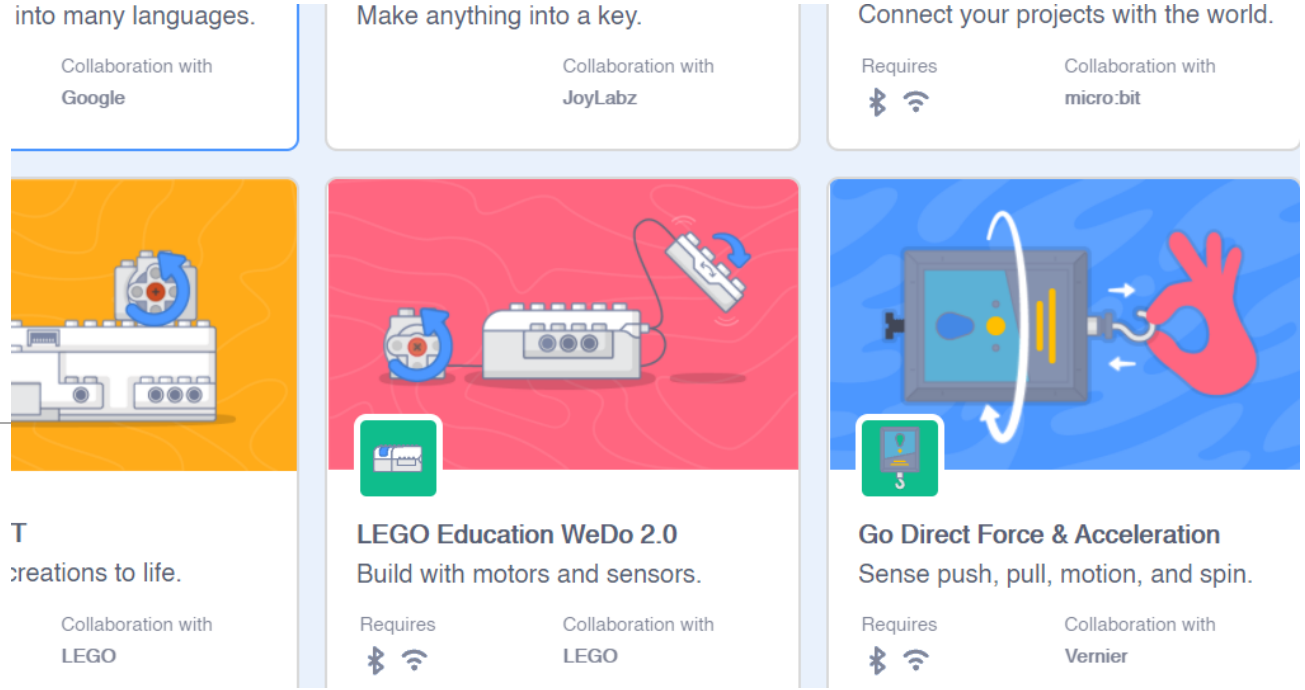
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Connect with Scratch:

1. Select the icon “Add extension”



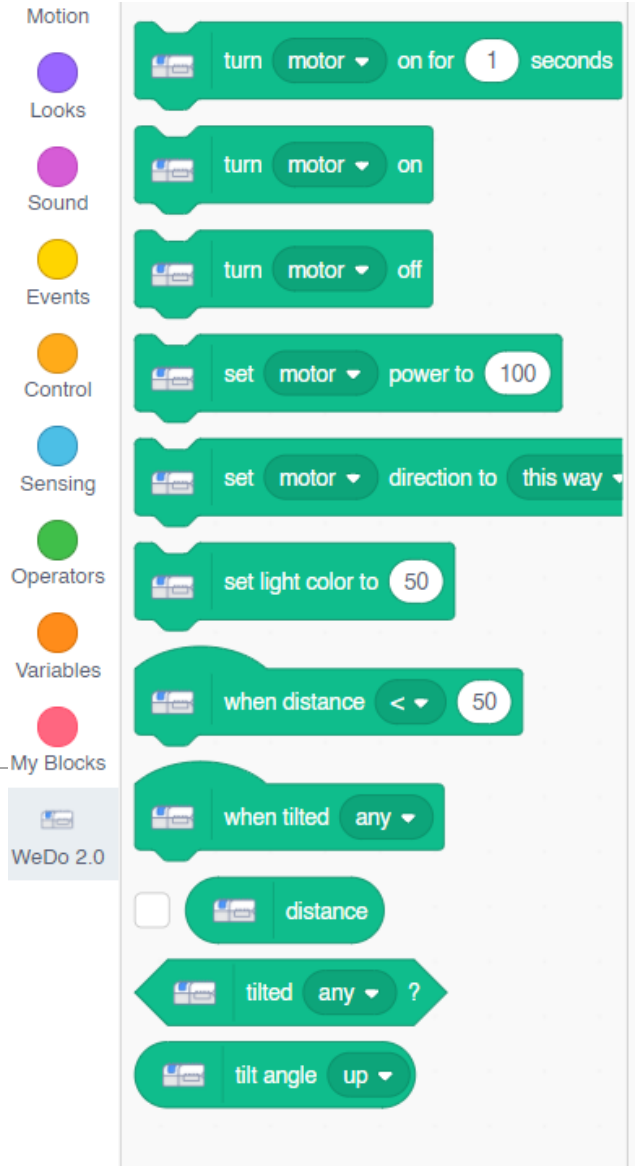
2. Then, choose the icon “Lego Education WeDo 2.0”



3. Select “Start Searching”

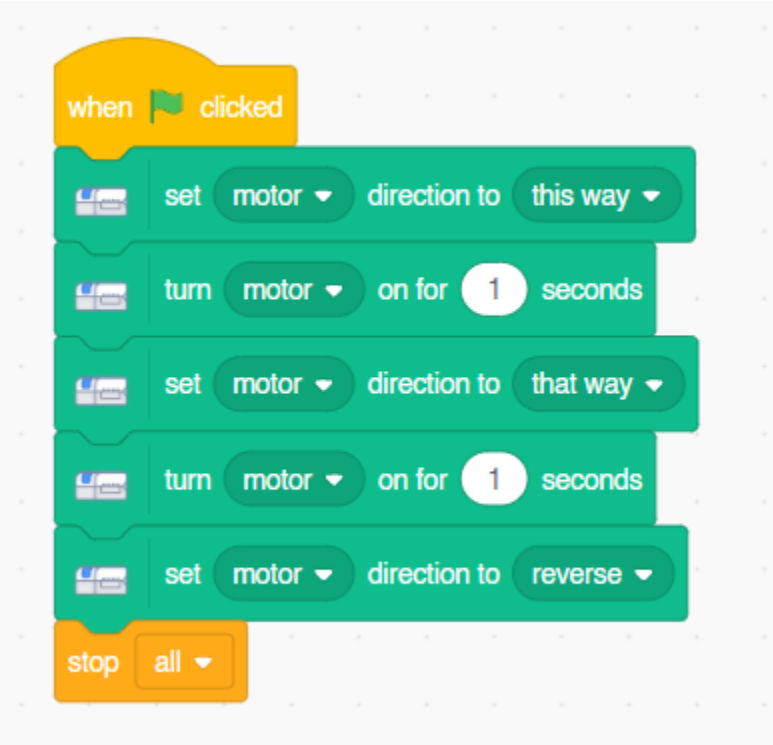


4. When the Hub of WeDo 2.0 connects, you can see the blocks of WeDo 2.0 in green.



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- The blocks you need are in the category "WeDo 2.0", "Events" and "Control"
- Copy the links you see below and do your trials with your vehicle
- Modify the blocks to observe how your vehicle responds.



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When you finish your worksheet

disassemble your build

and put every piece in its right place



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