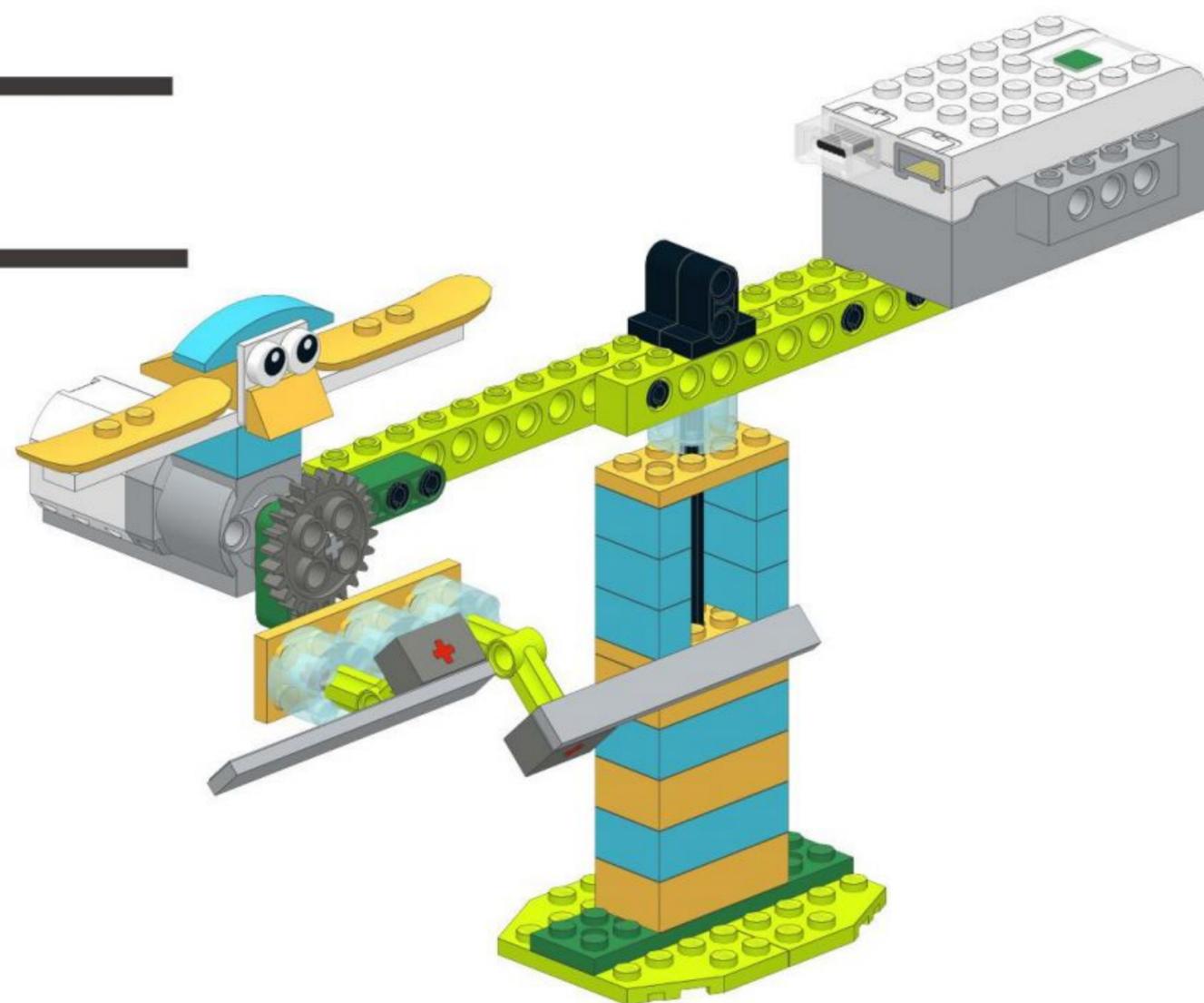


We Do PLANE





A Note from the Author

Thank you for obtaining THE YOSHIHITO'S CREATION BOOK.

This book includes one model which is well-selected as an attractive work from among a number of Yoshihito Isogawa's LEGO® creations. And the book also shows you step-by-step instructions to recreate the model.

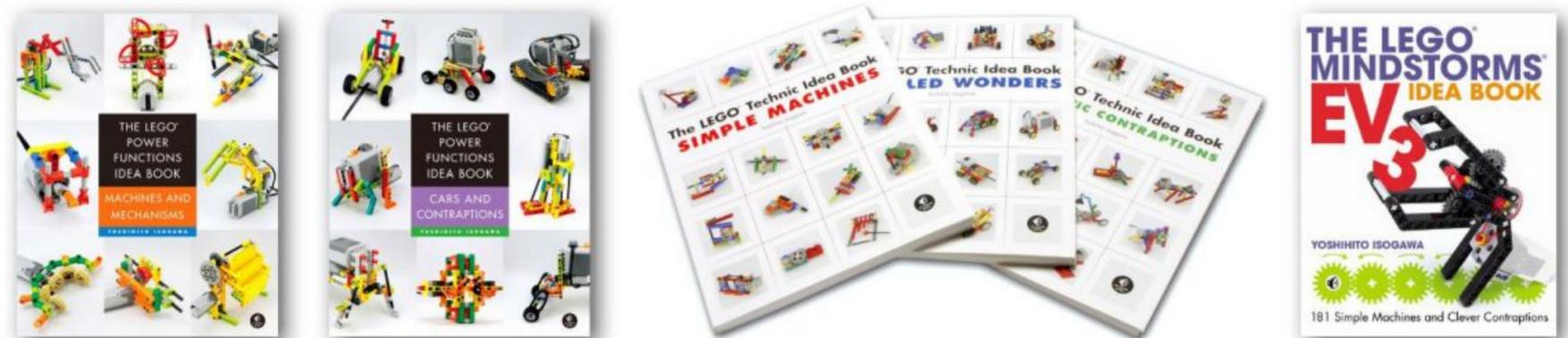
I believe this book would be useful for those who would like to experience the specific mechanical building, those who would like to create new works for their children, and those who would like to learn the machine structure in the Yoshihito Isogawa's way.

If you would like to learn the mechanical engineering and robotics using LEGO® bricks in earnest, my books which were published by the USA publisher - "The LEGO® Power Functions Idea Book" series, "The LEGO® Technic Idea Book" series and "The LEGO® MINDSTORMS® EV3 Idea Book" are recommended.

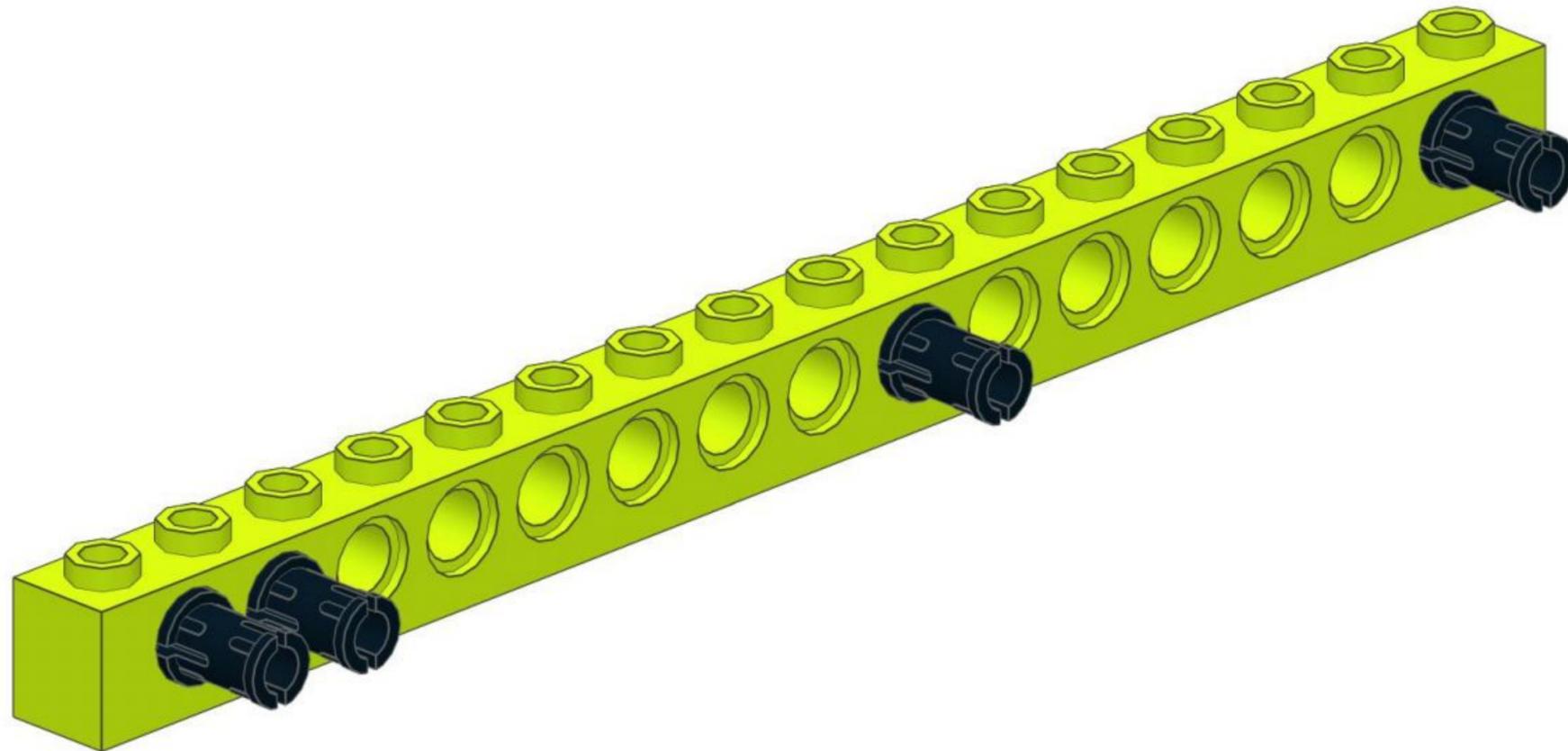
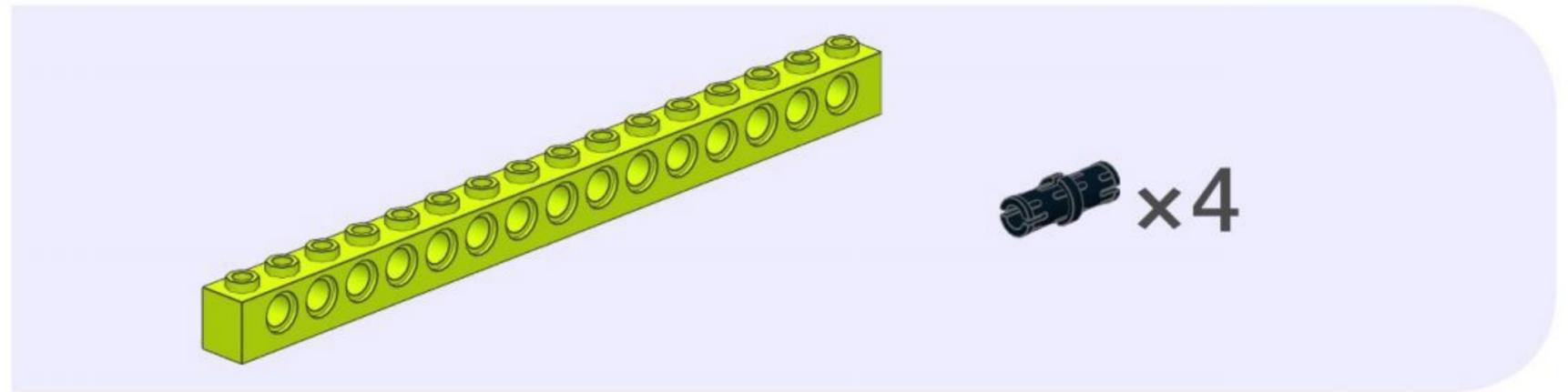
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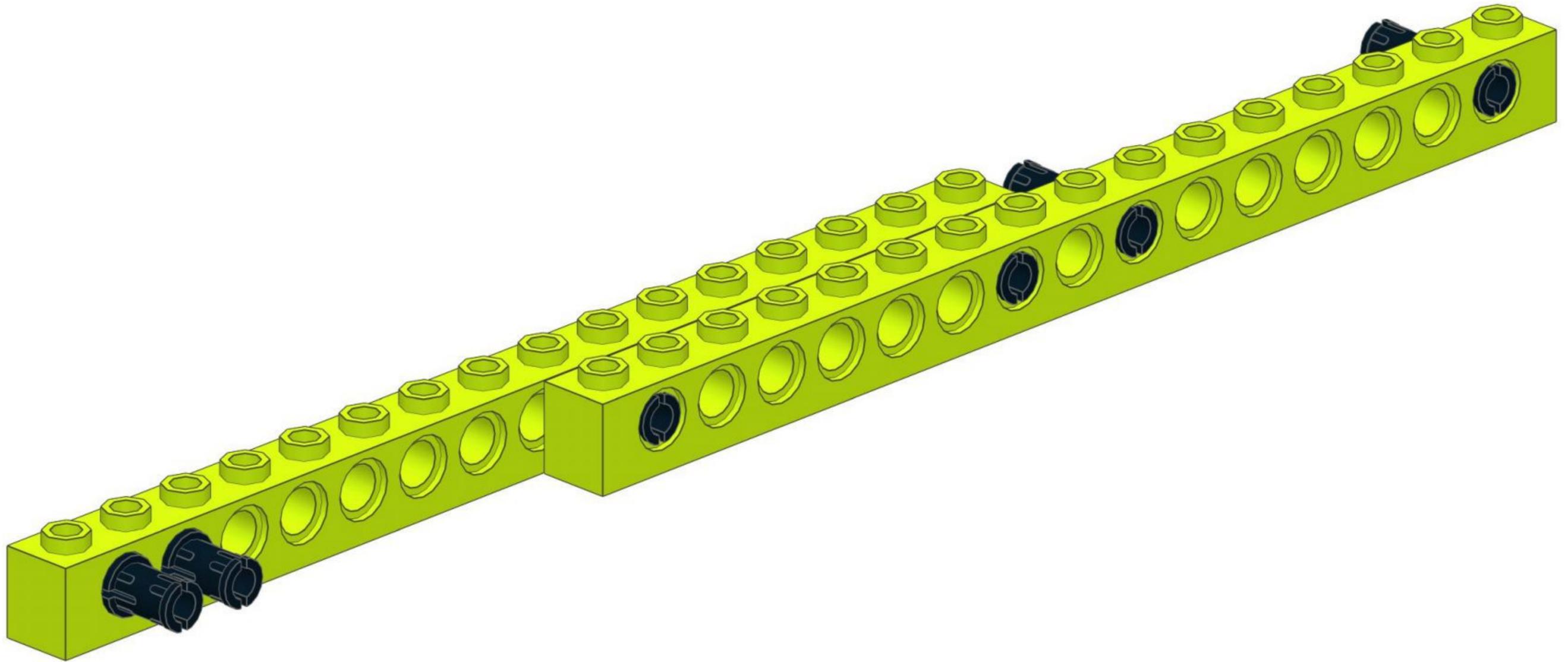
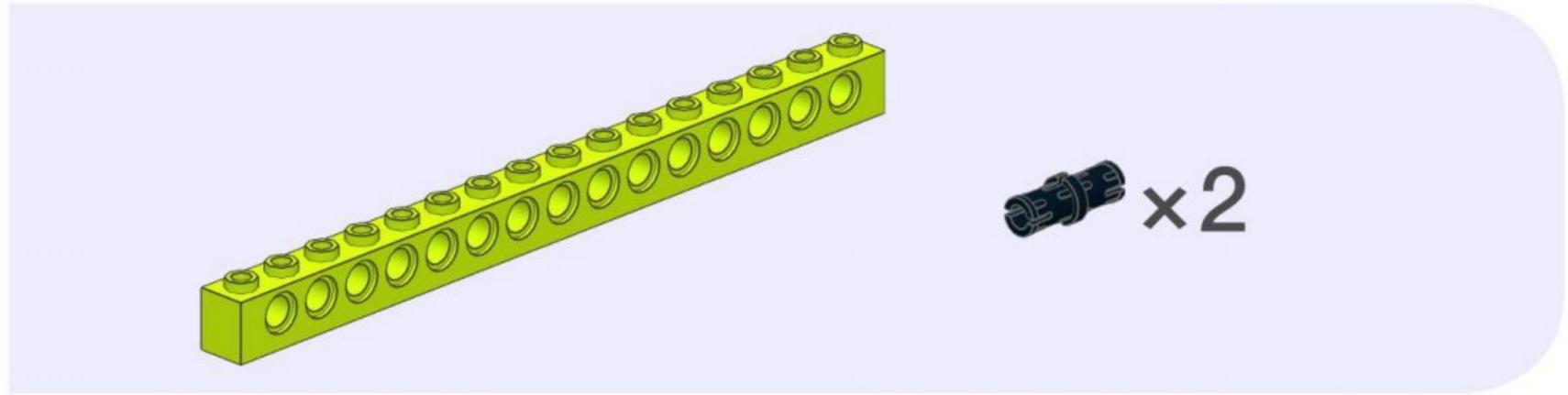
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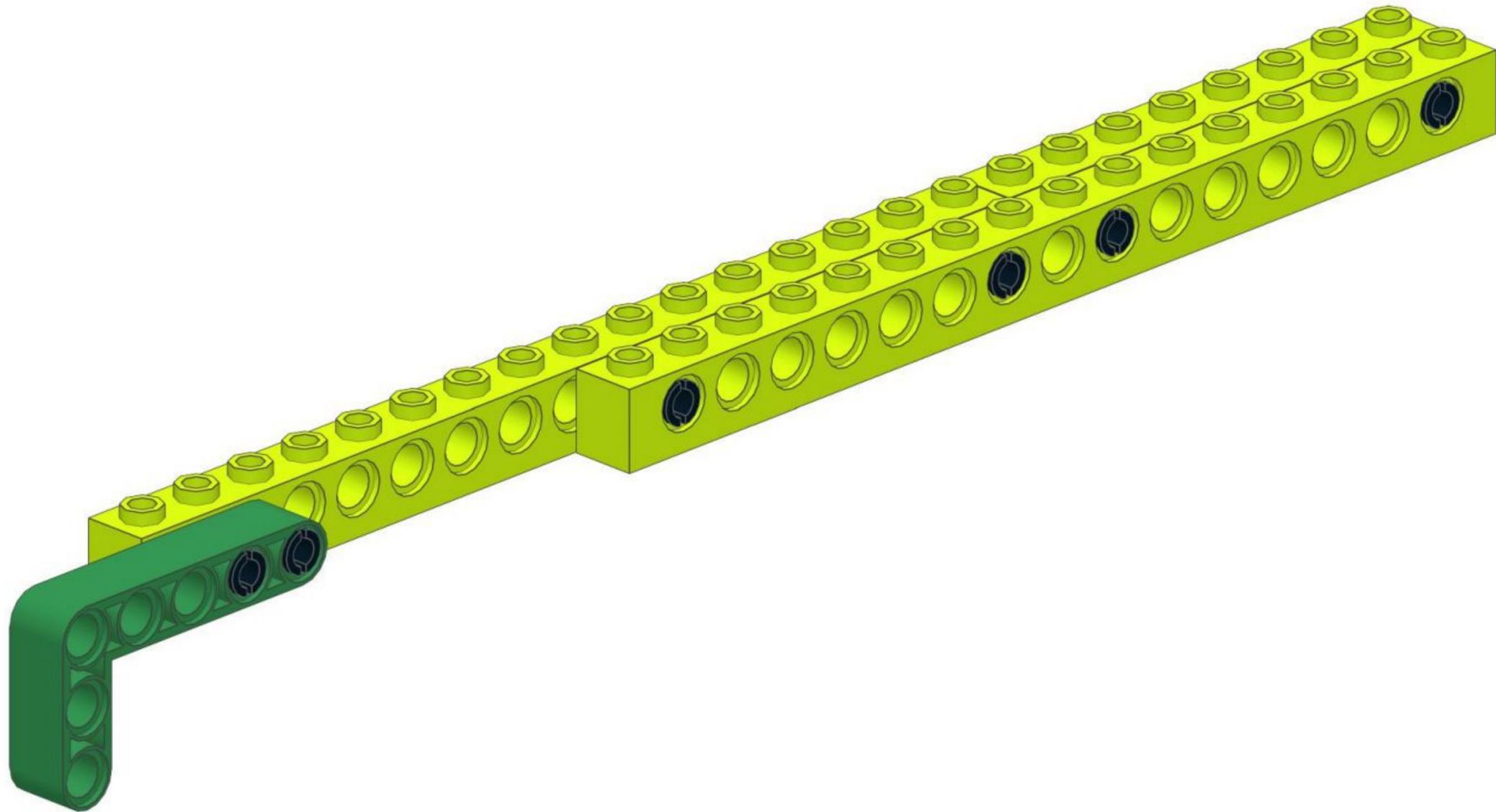
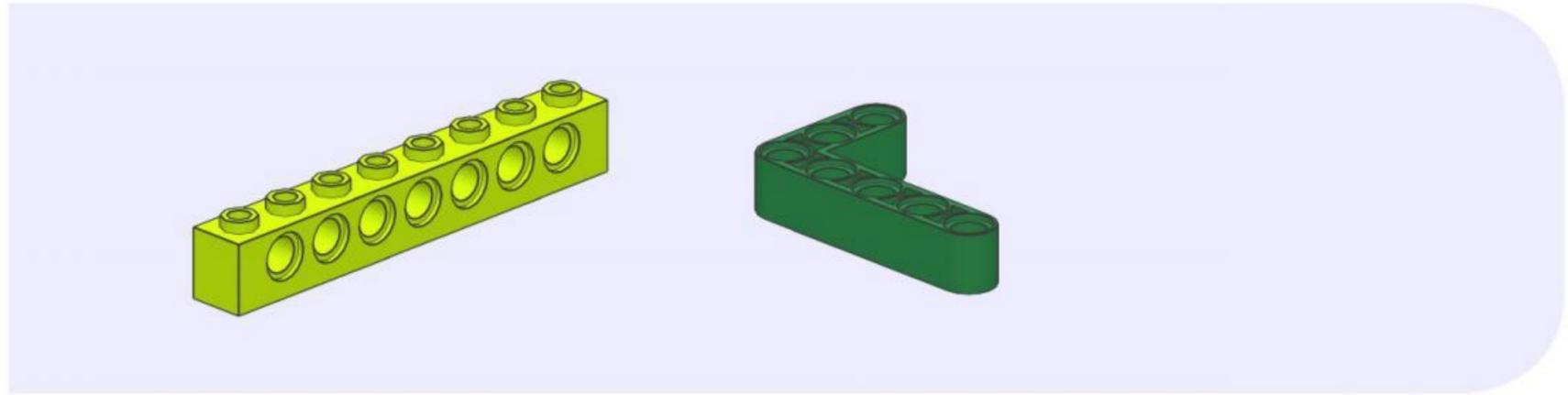
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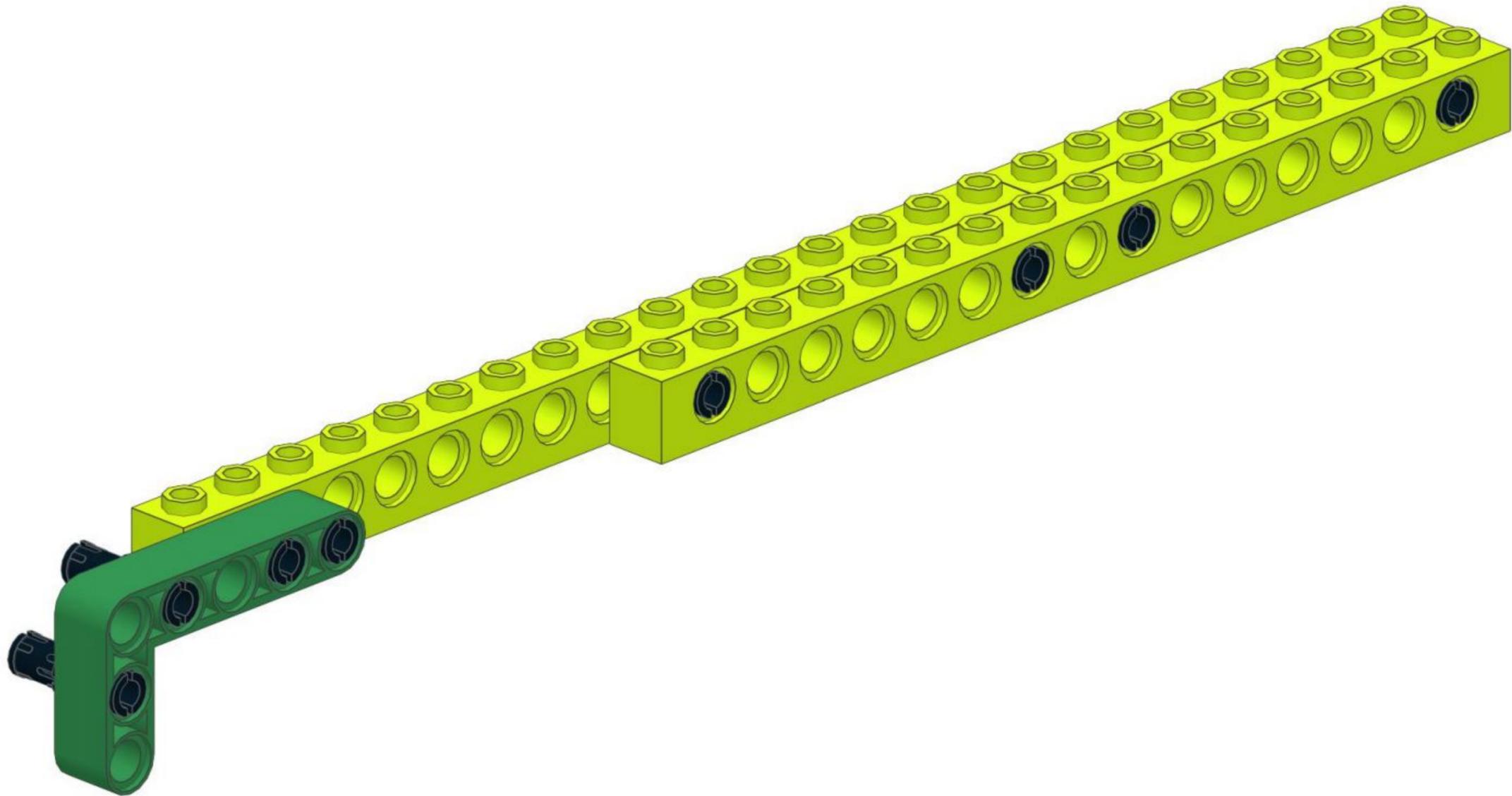


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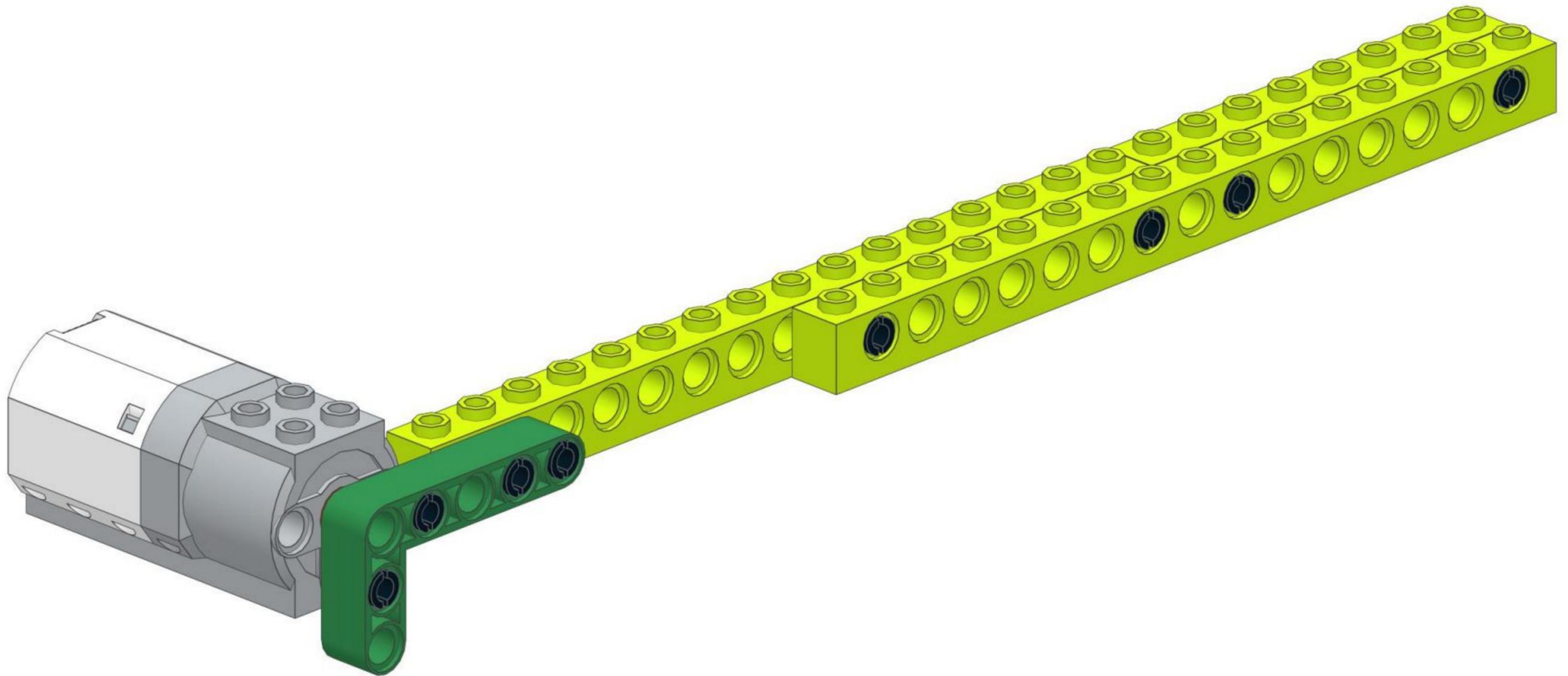


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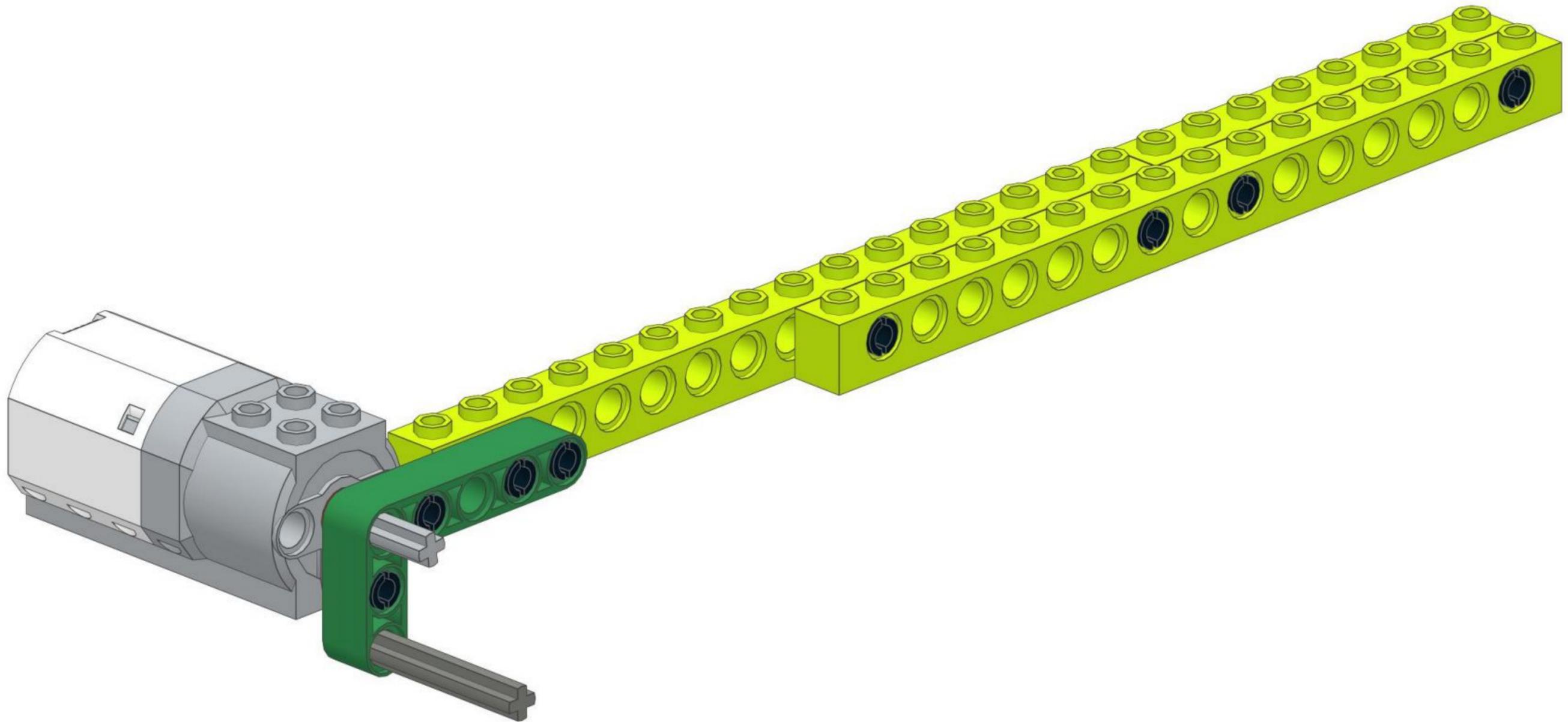
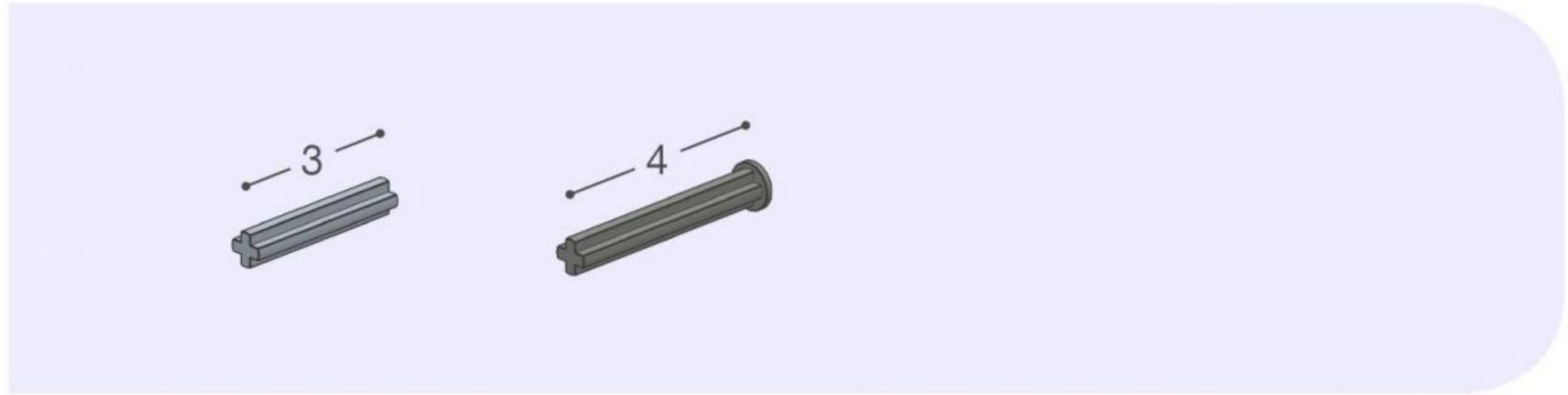
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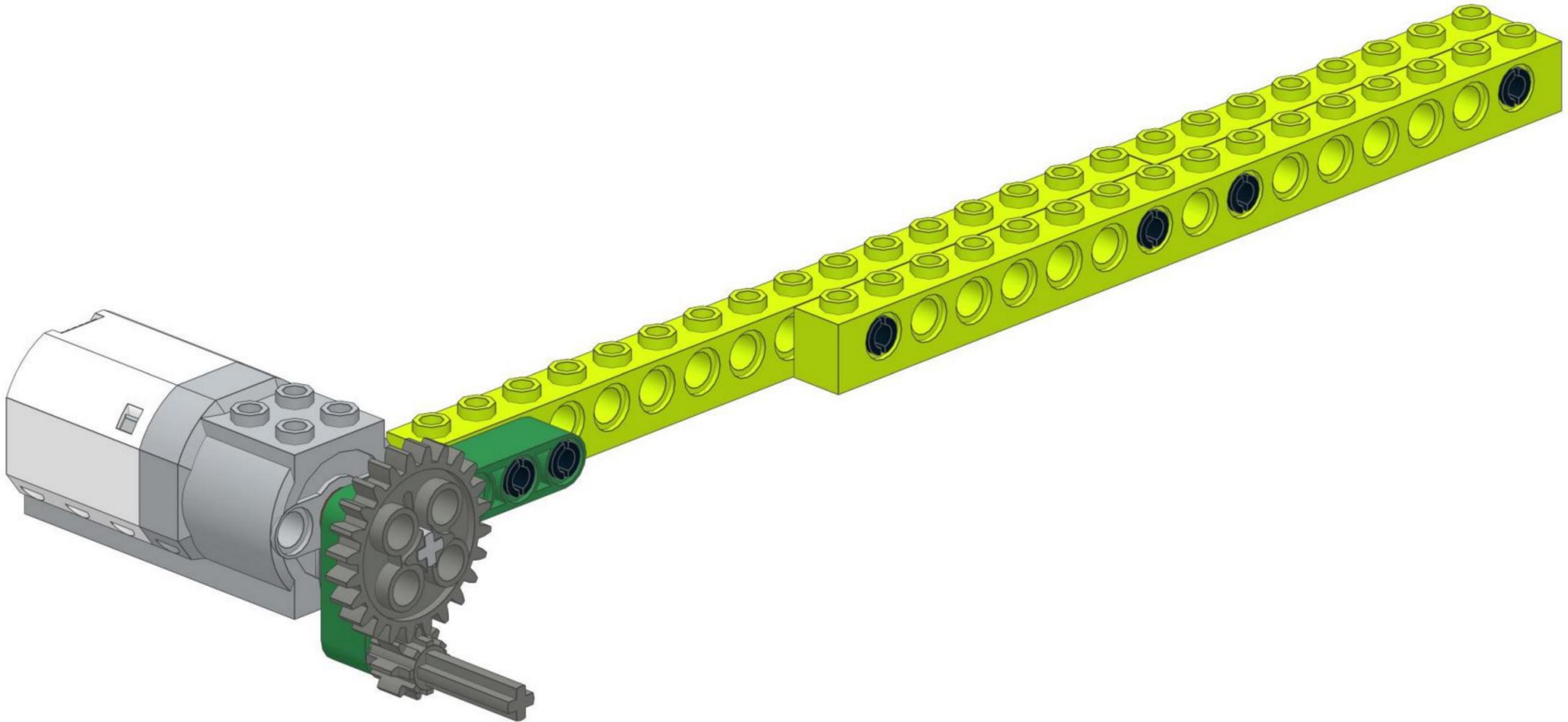
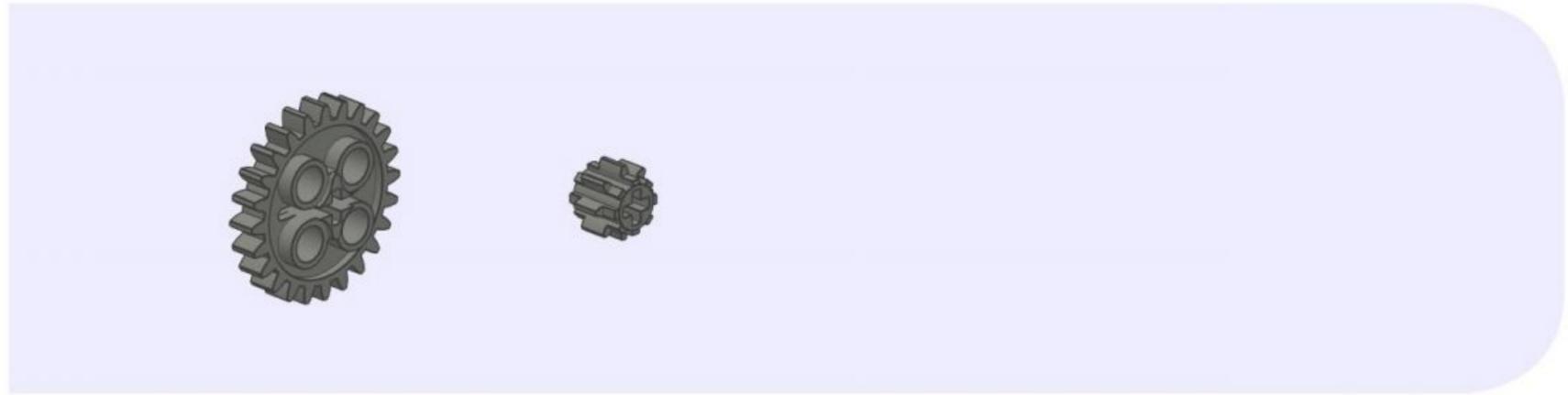
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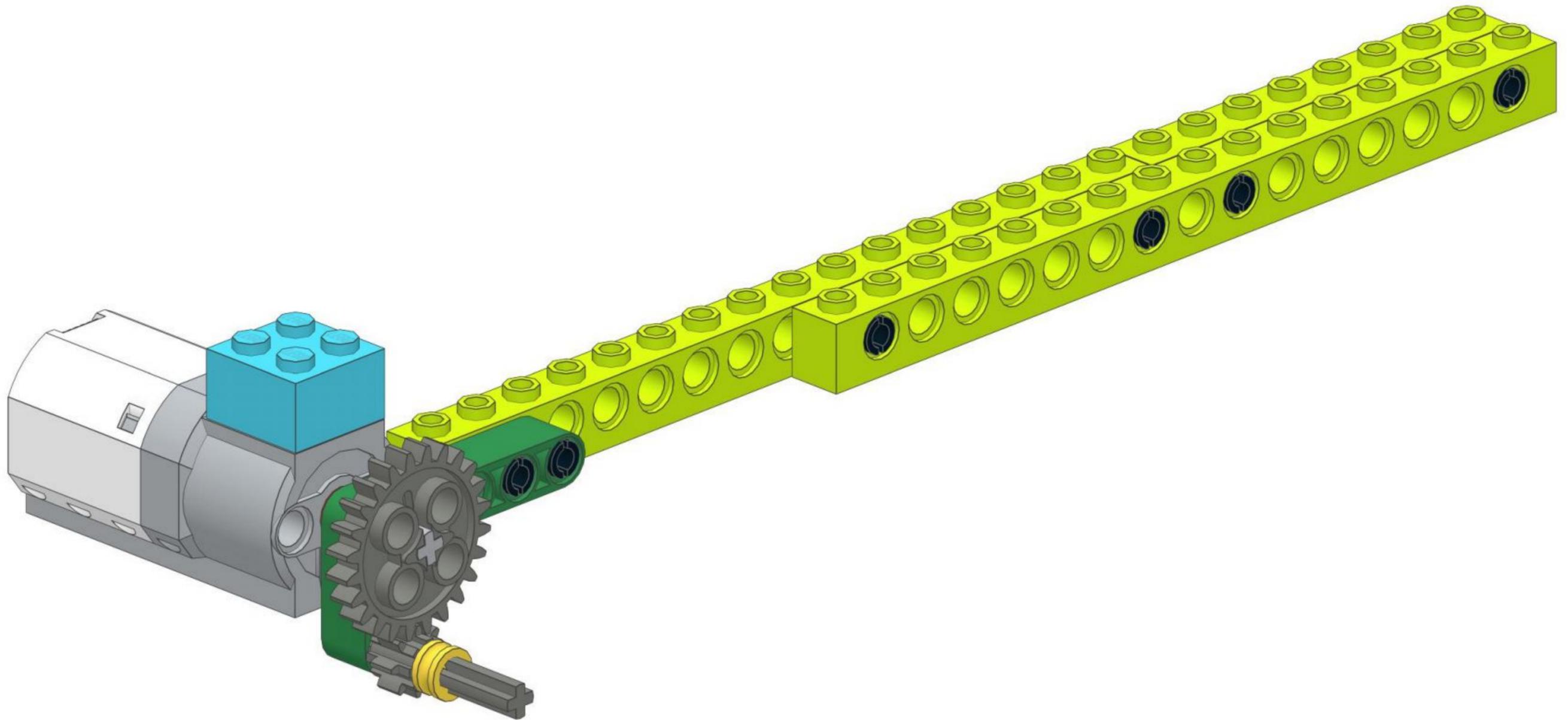
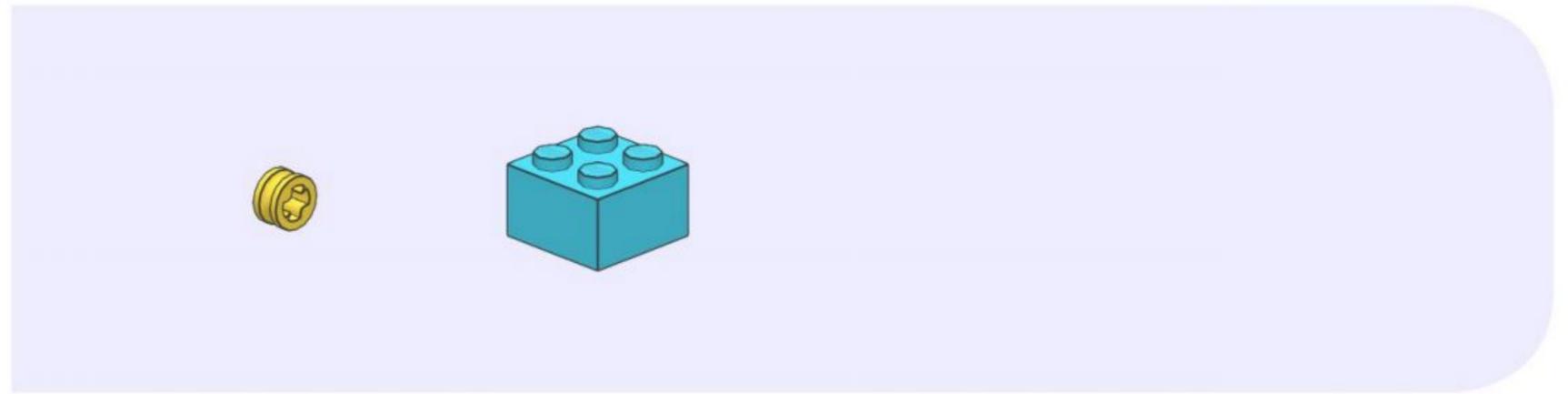
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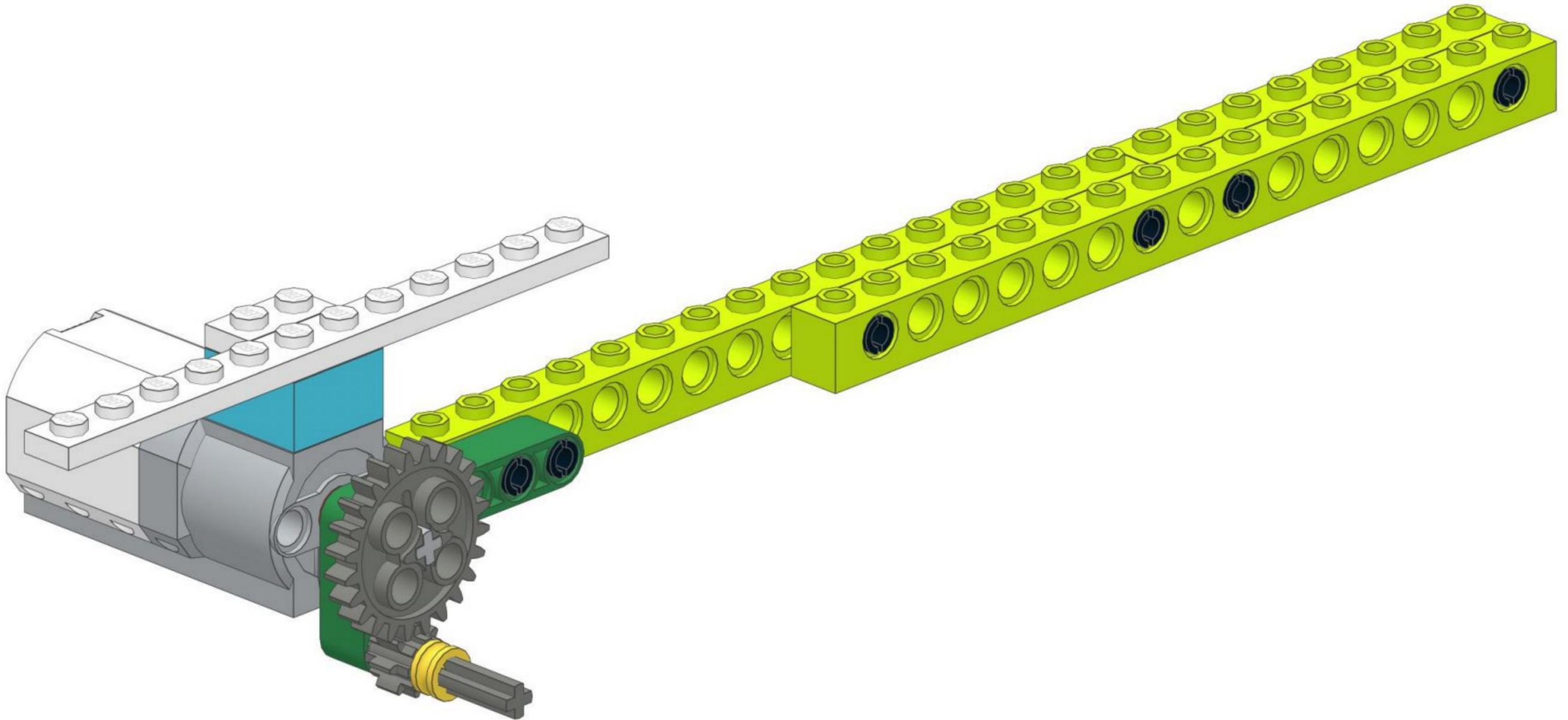
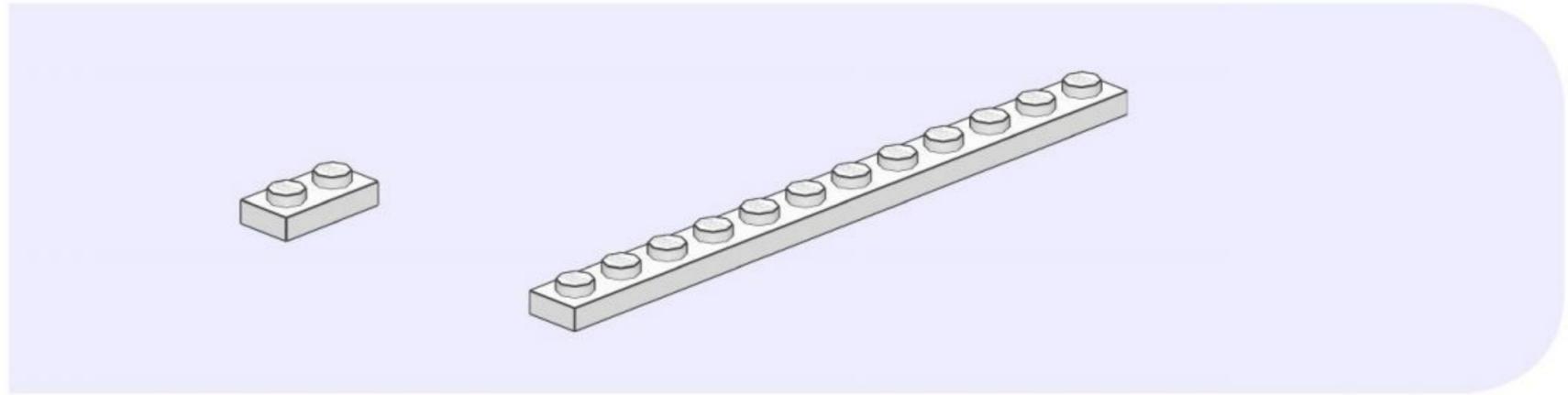
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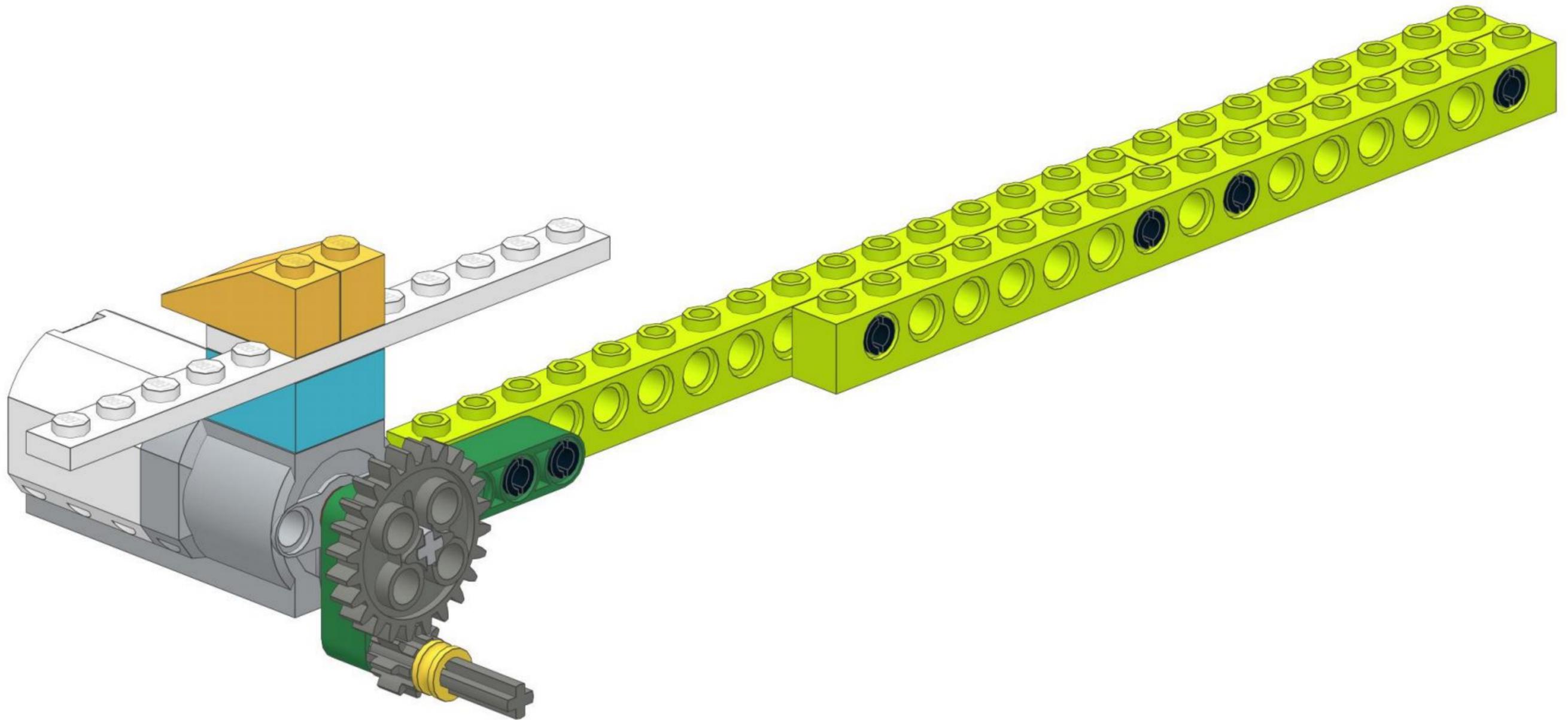
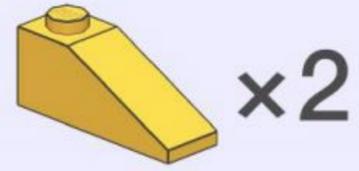
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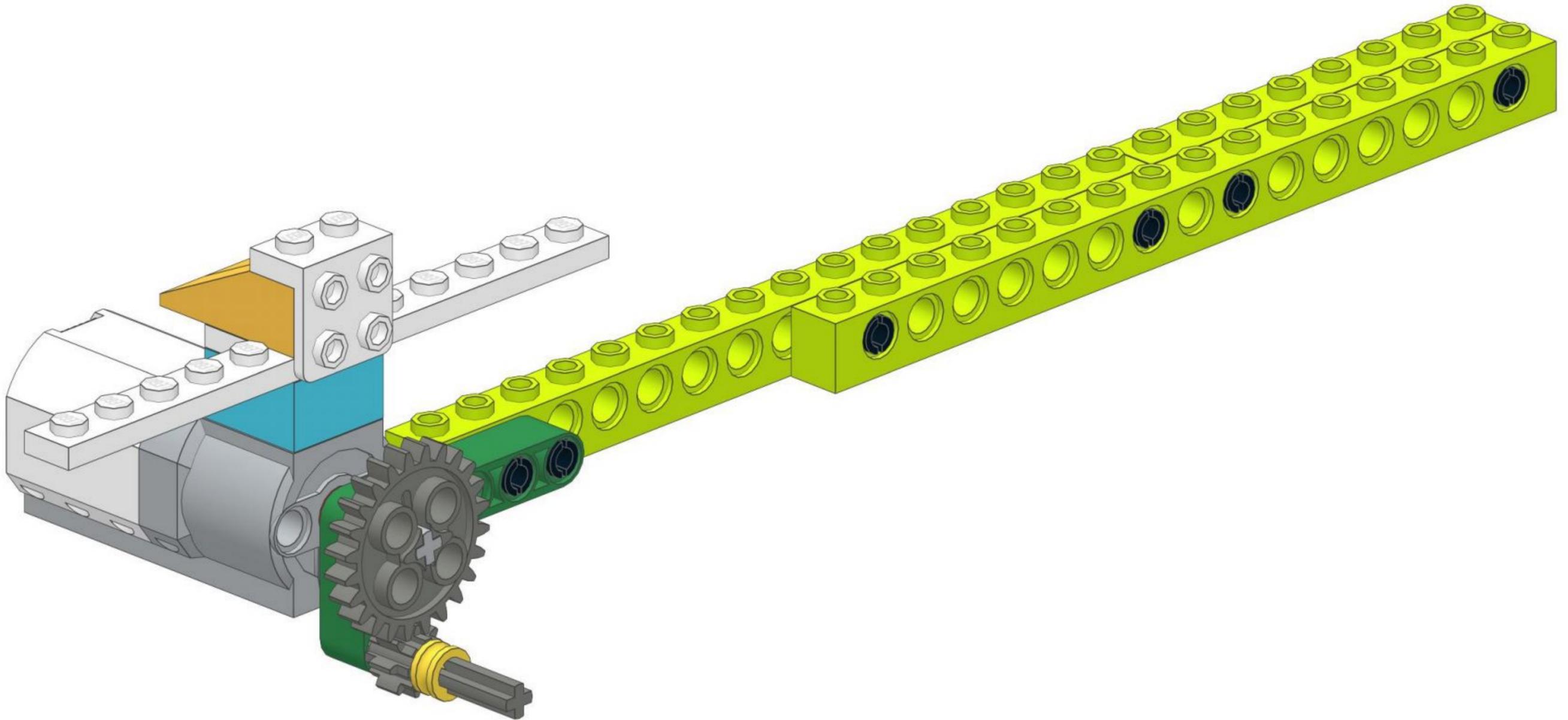
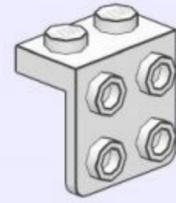
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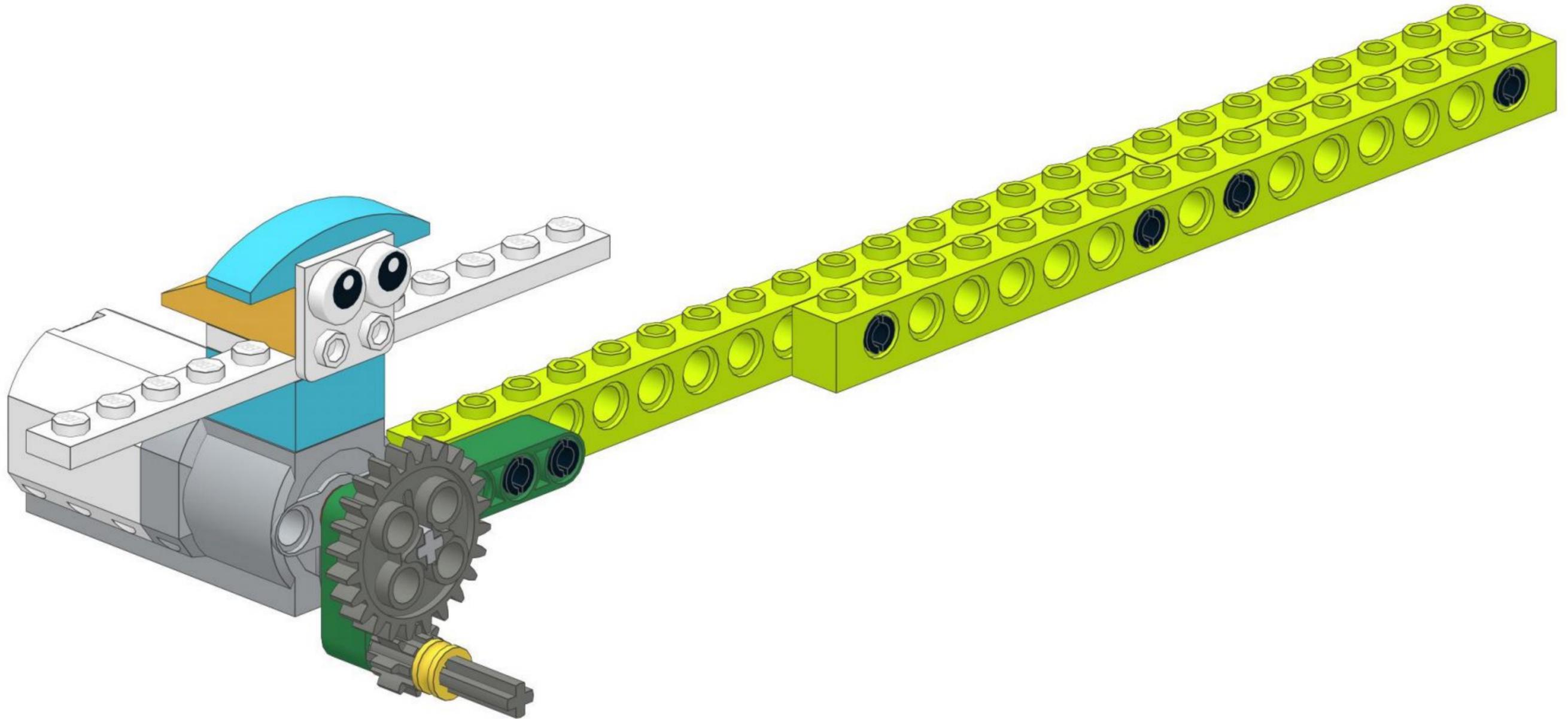
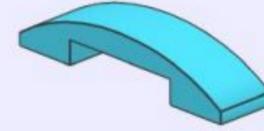


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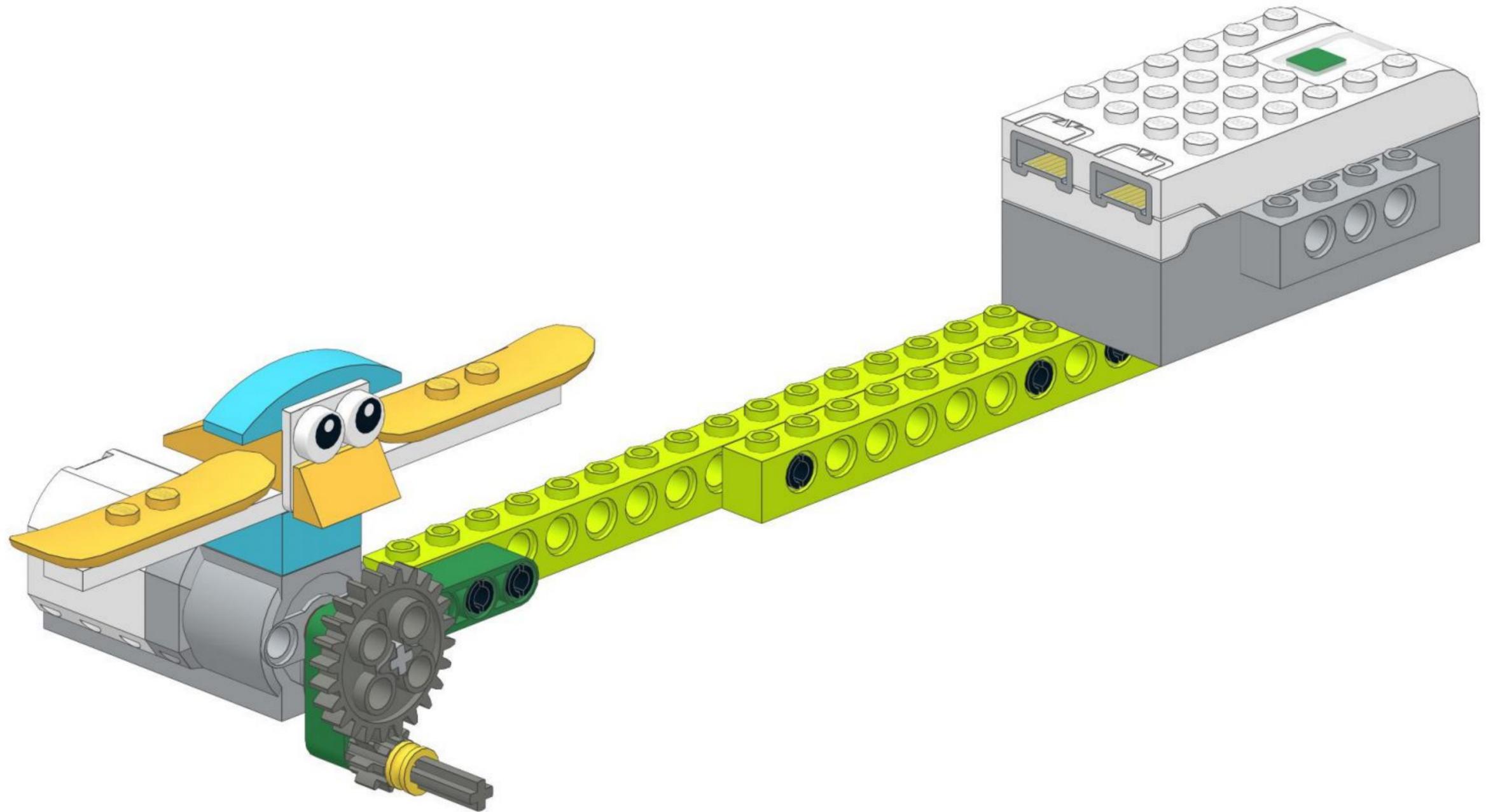
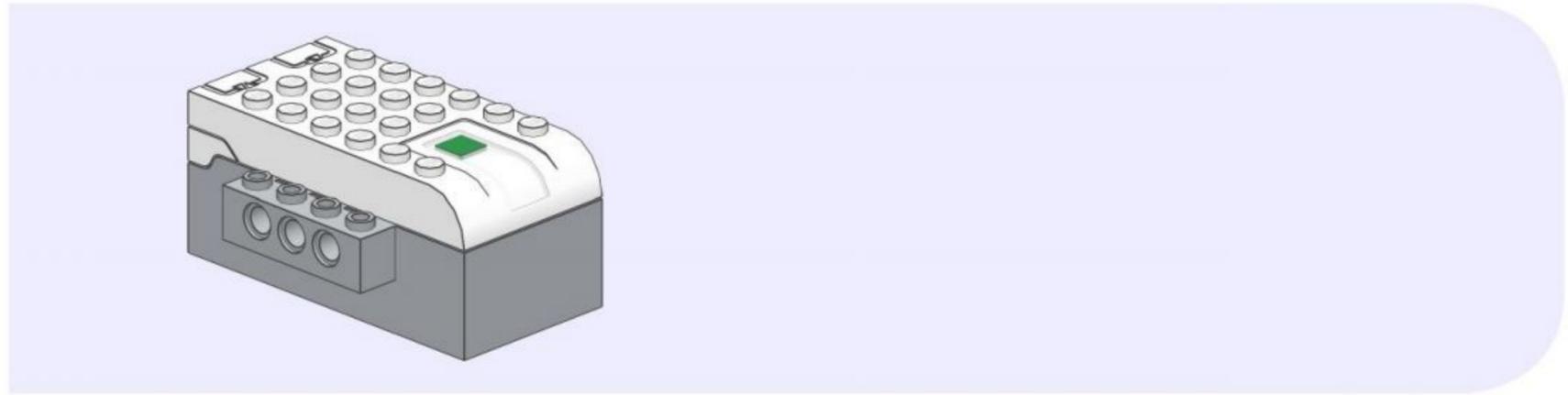


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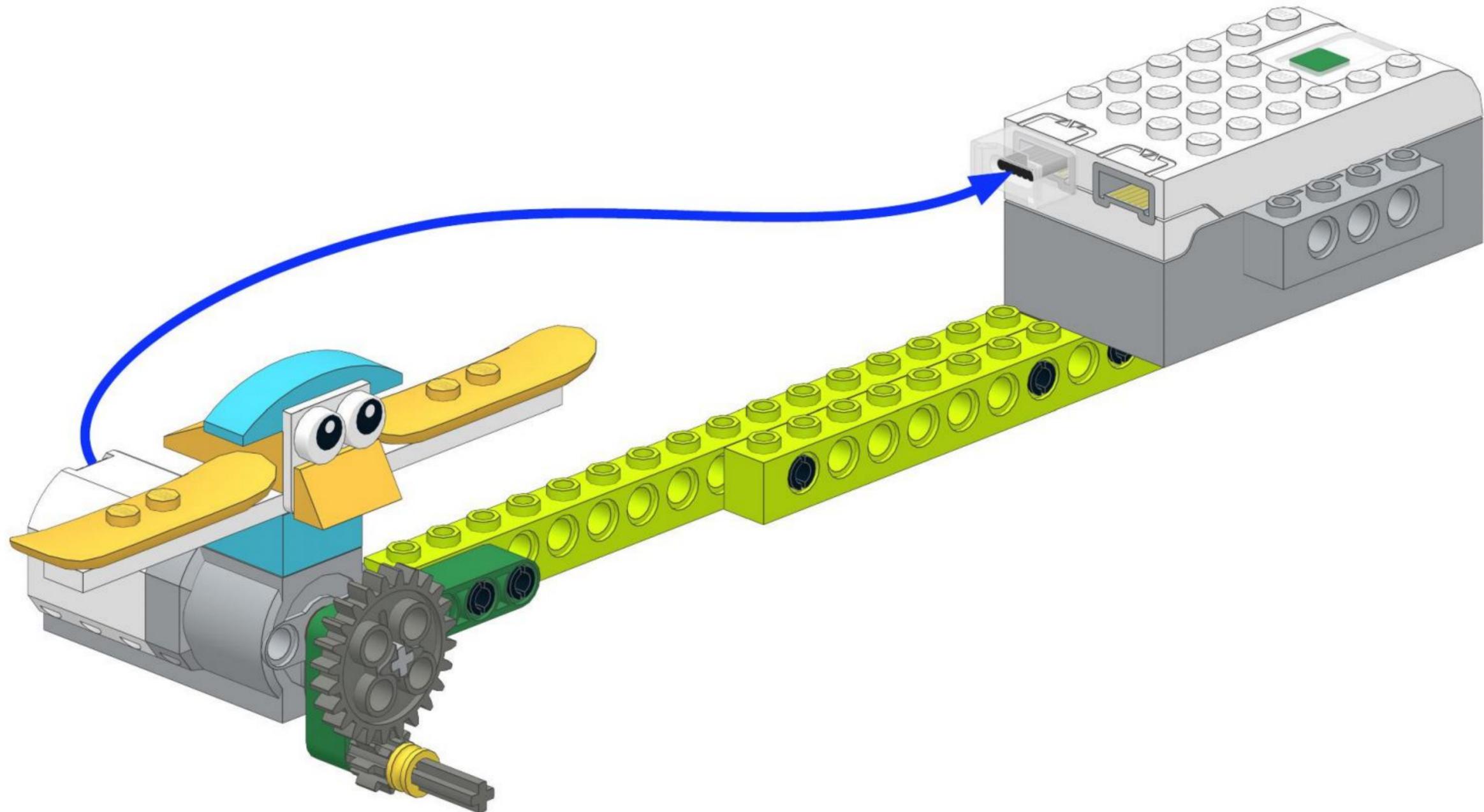
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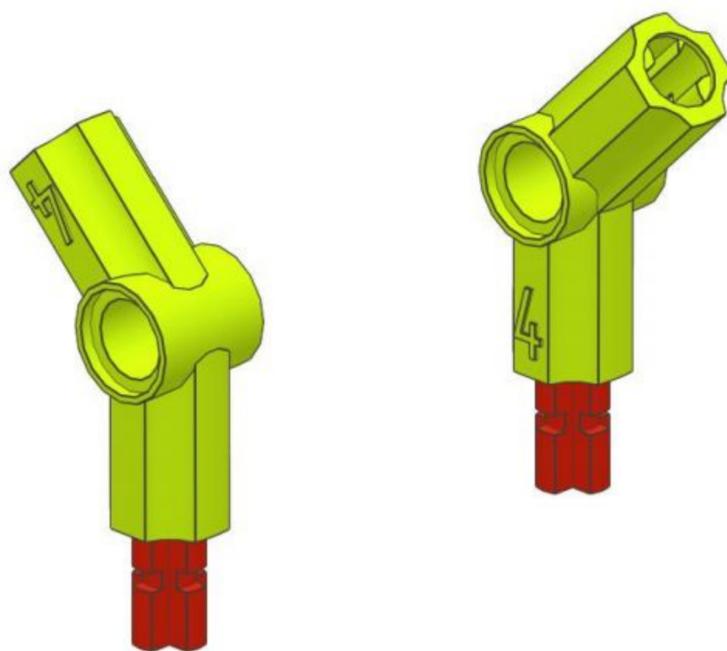
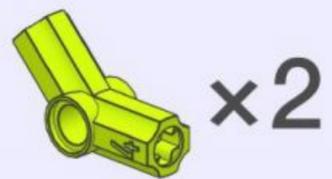
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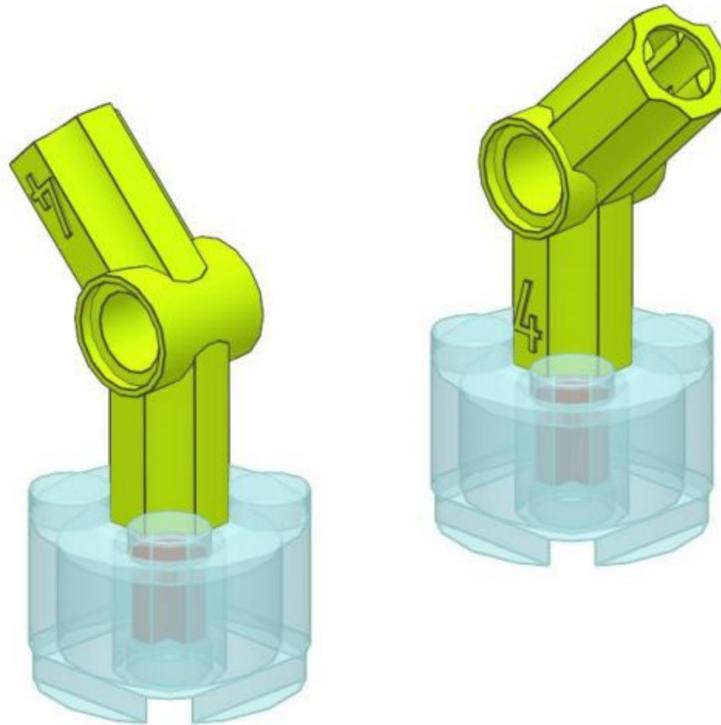
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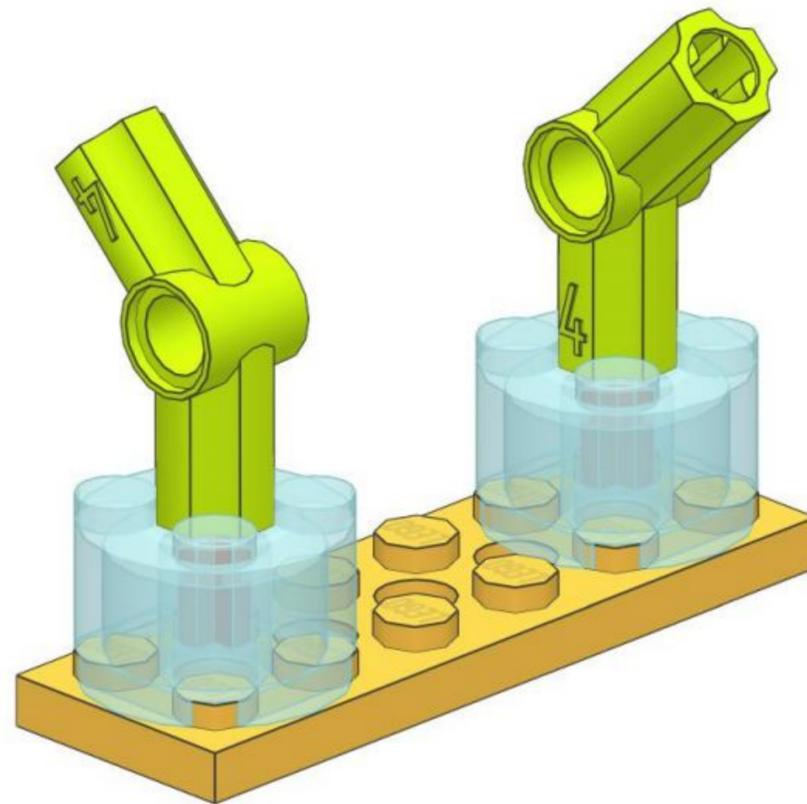
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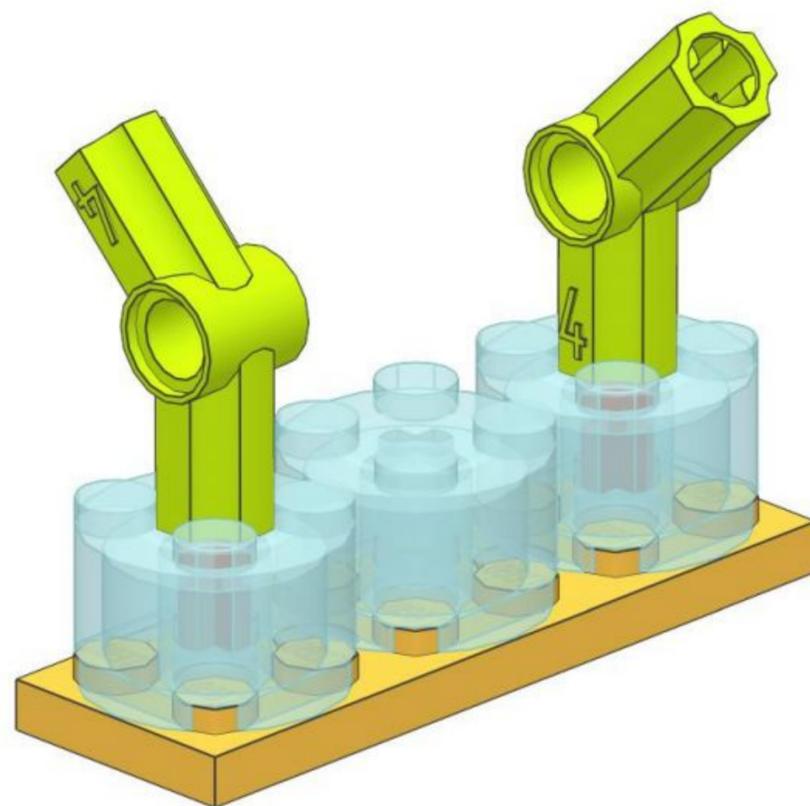
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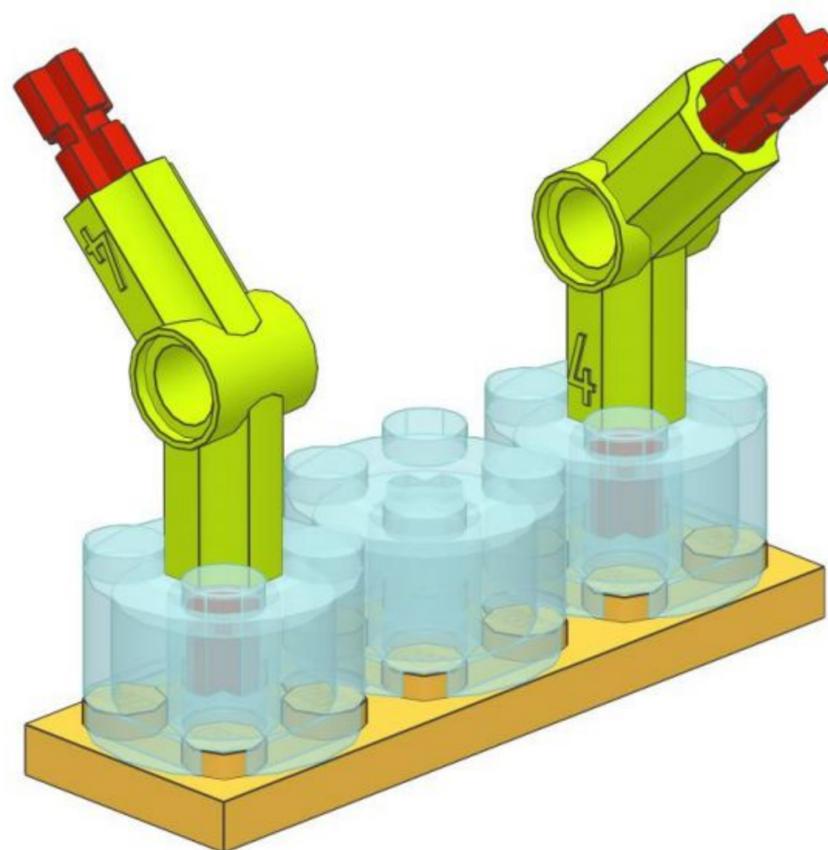


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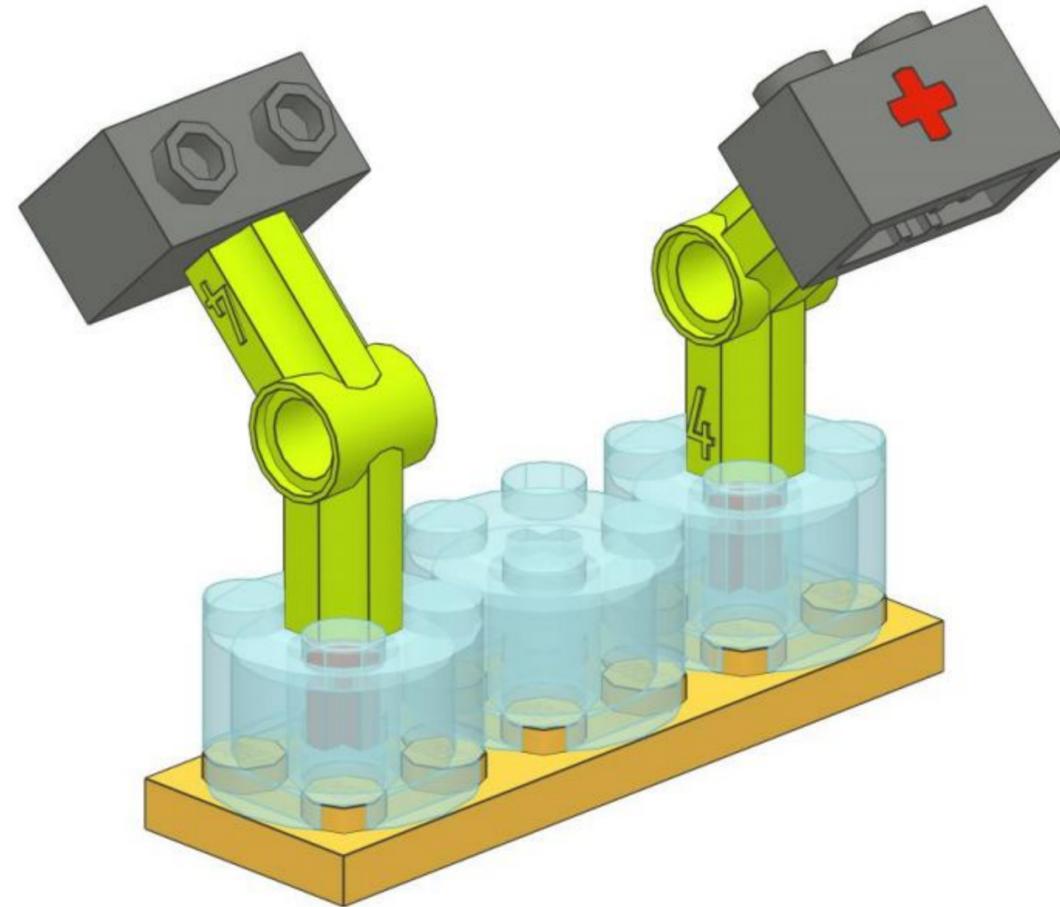
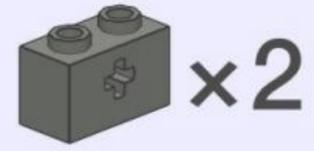


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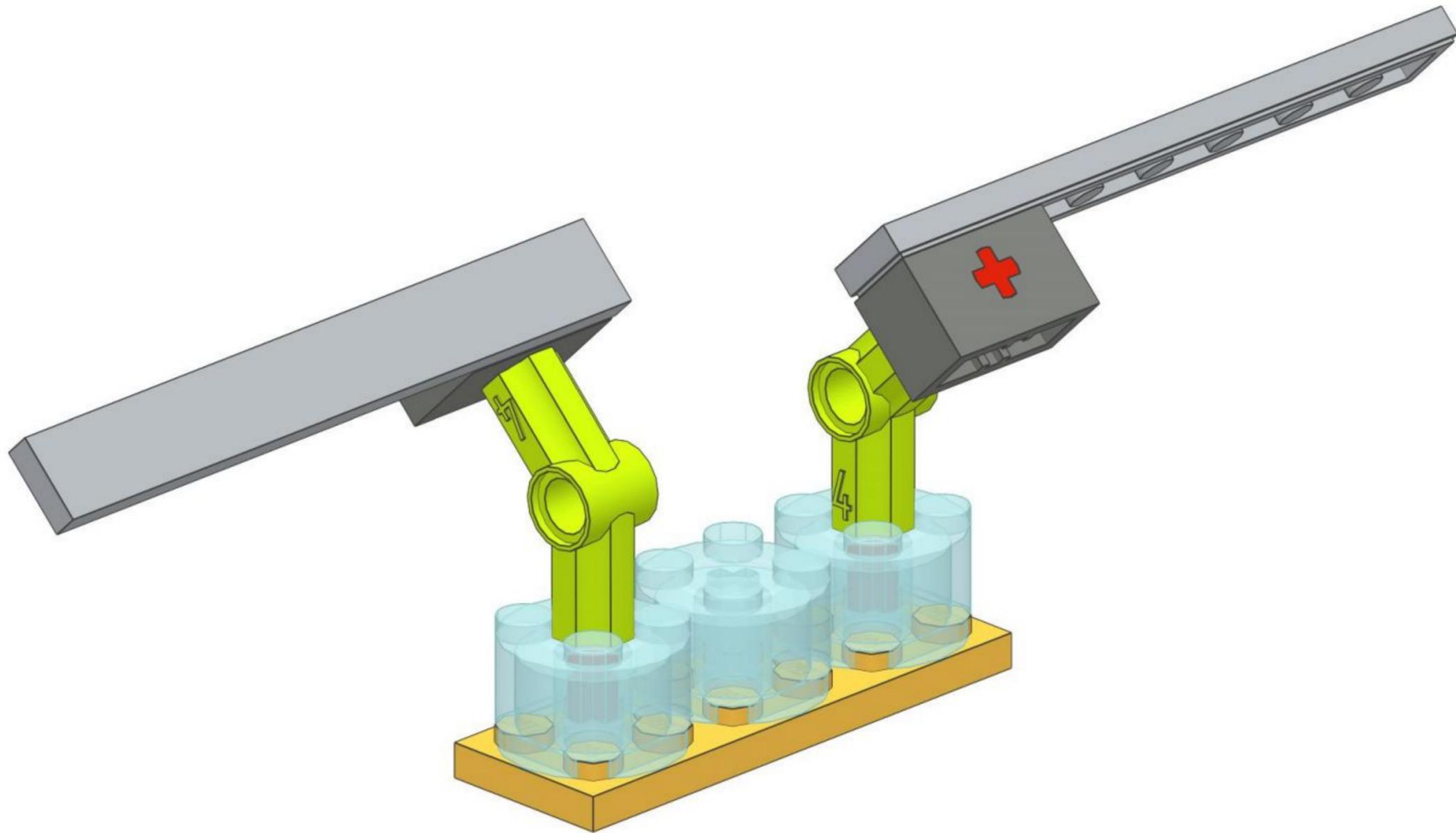
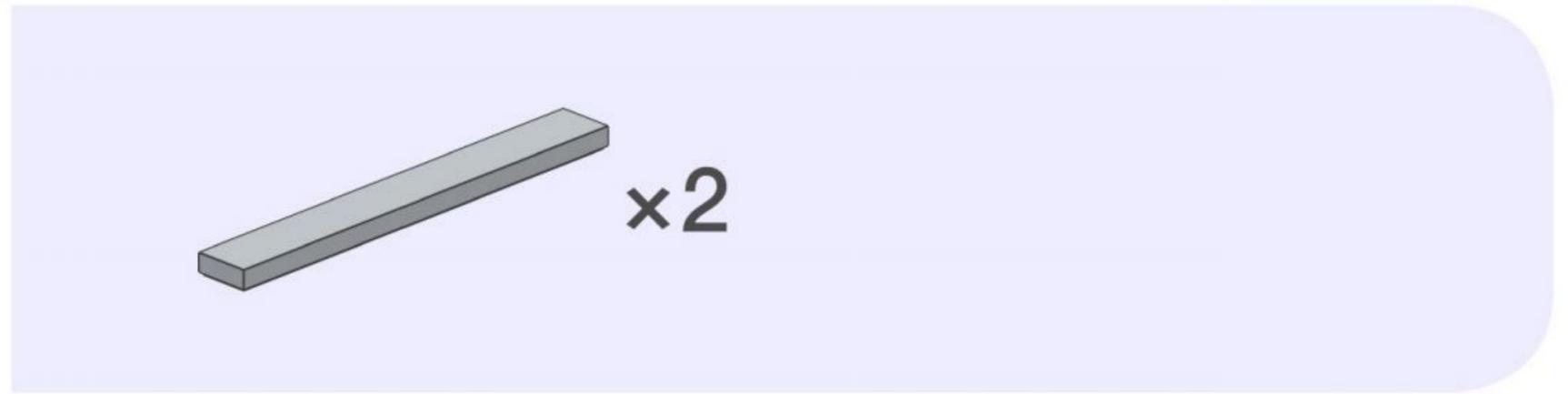
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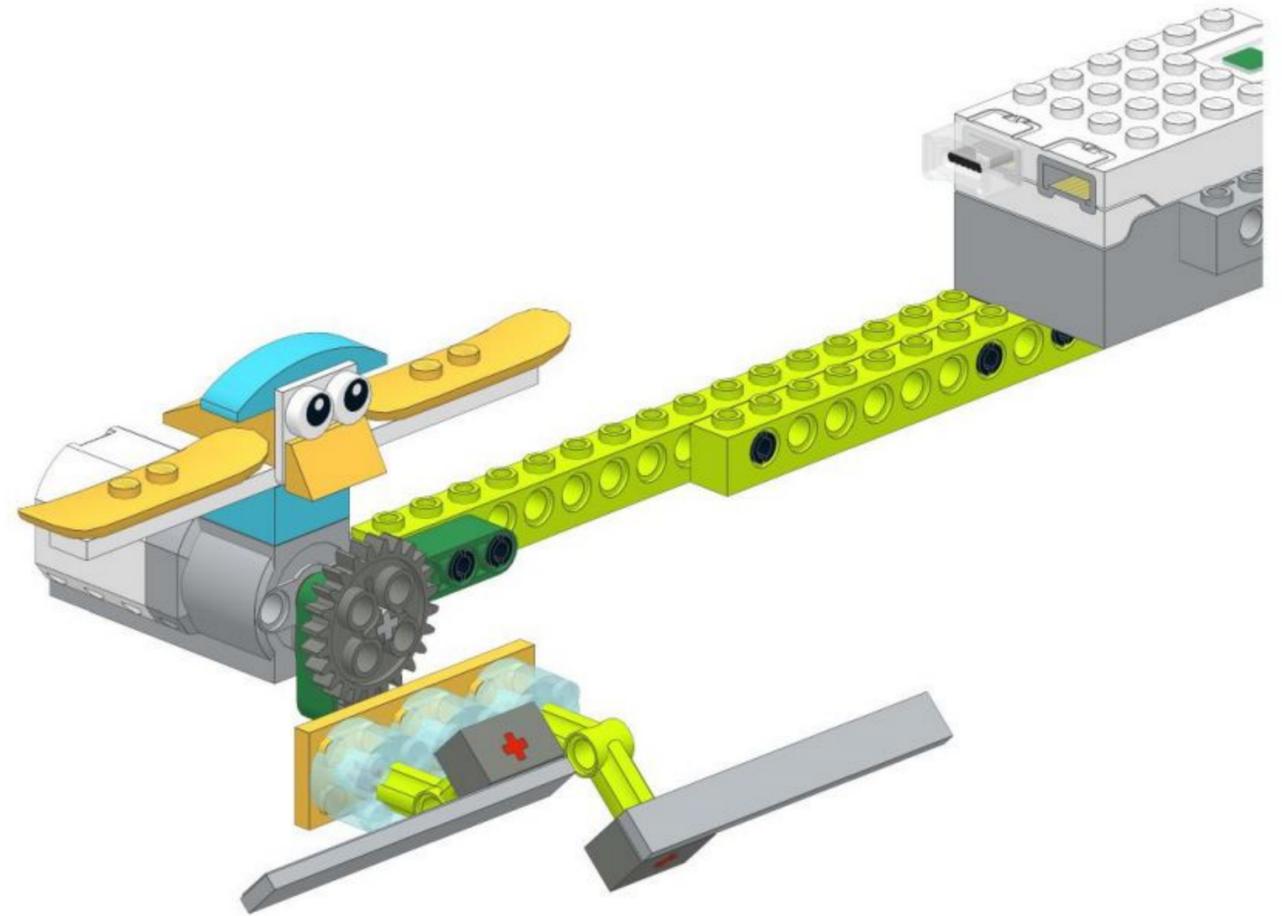
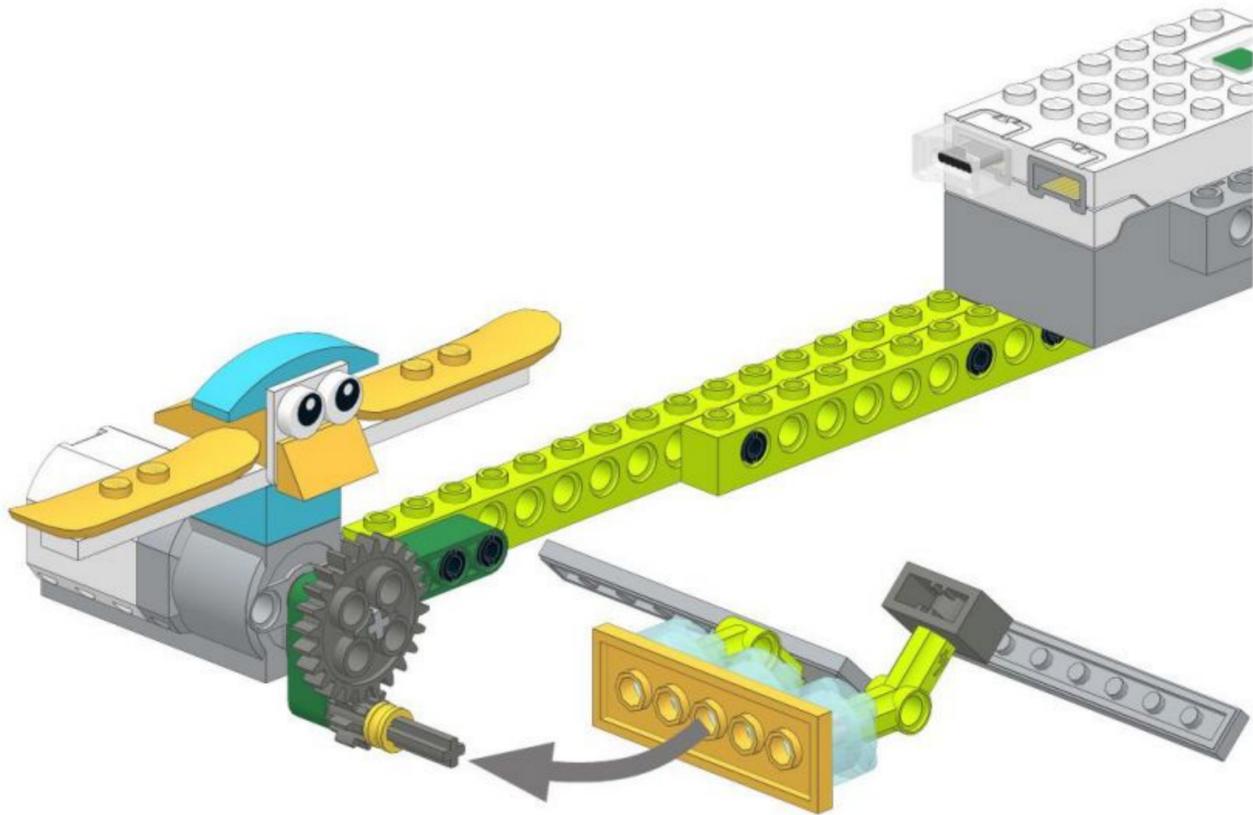
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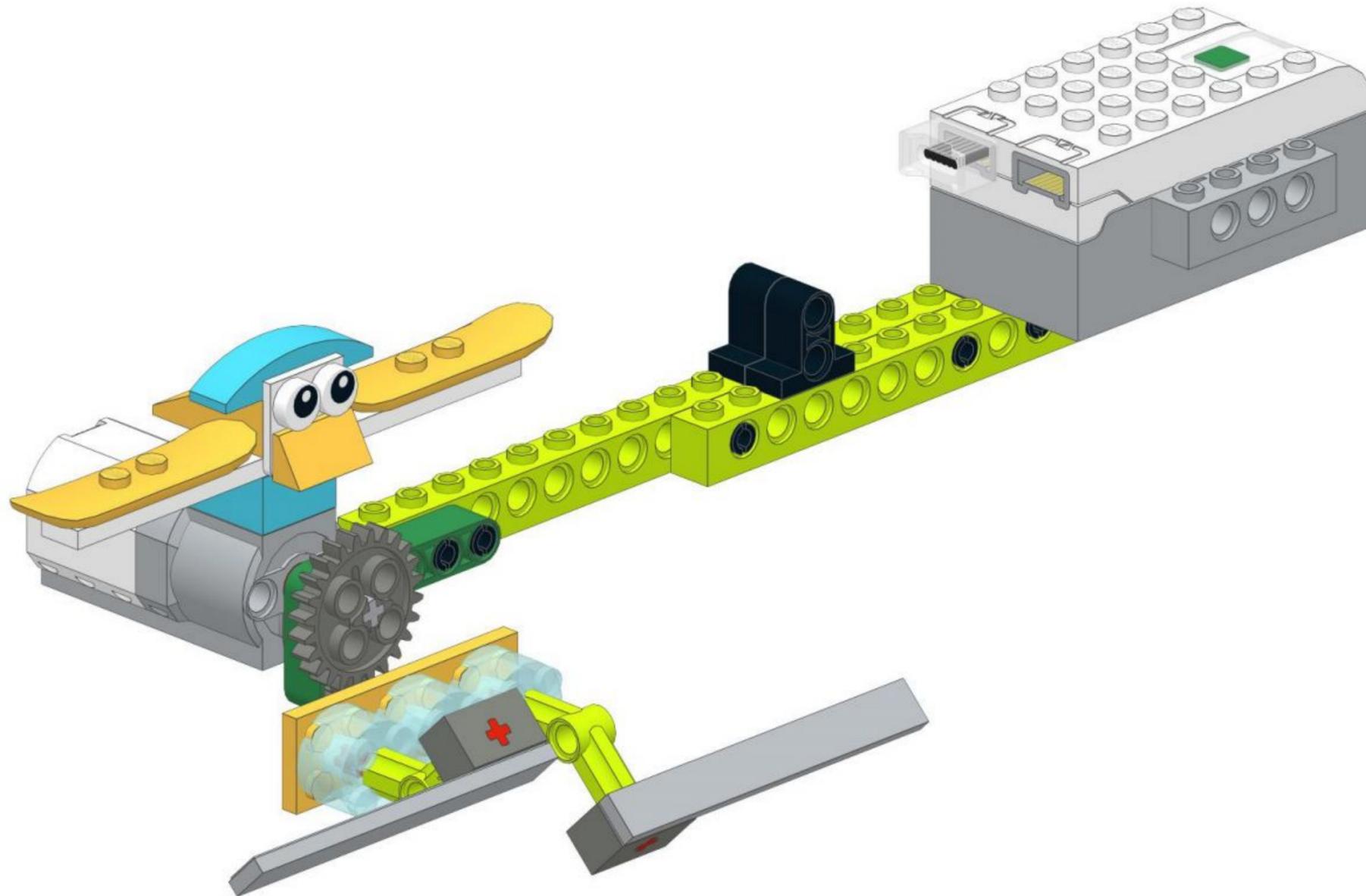
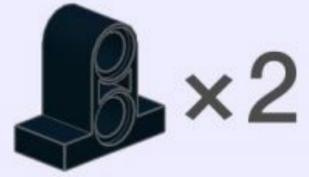
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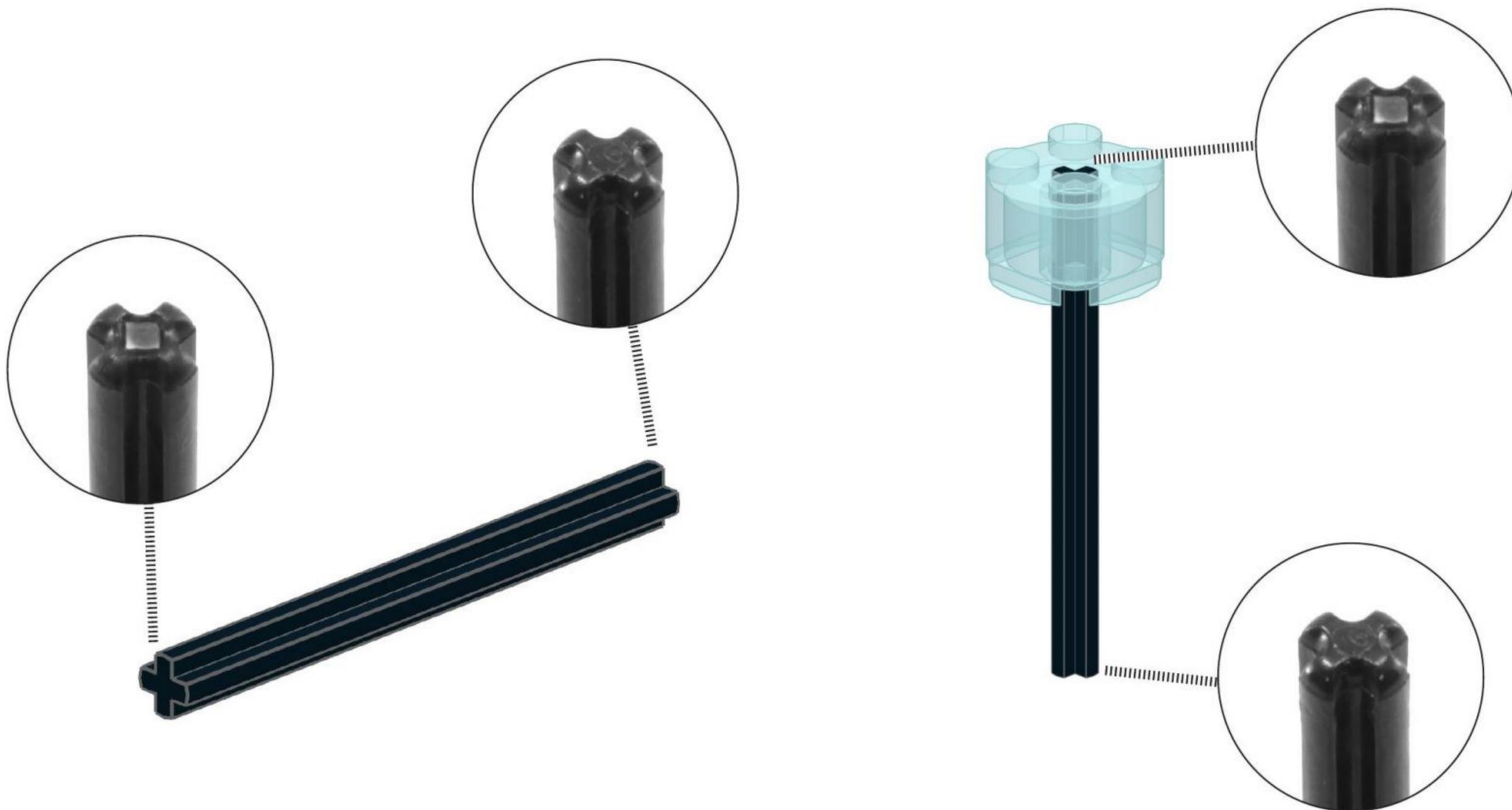
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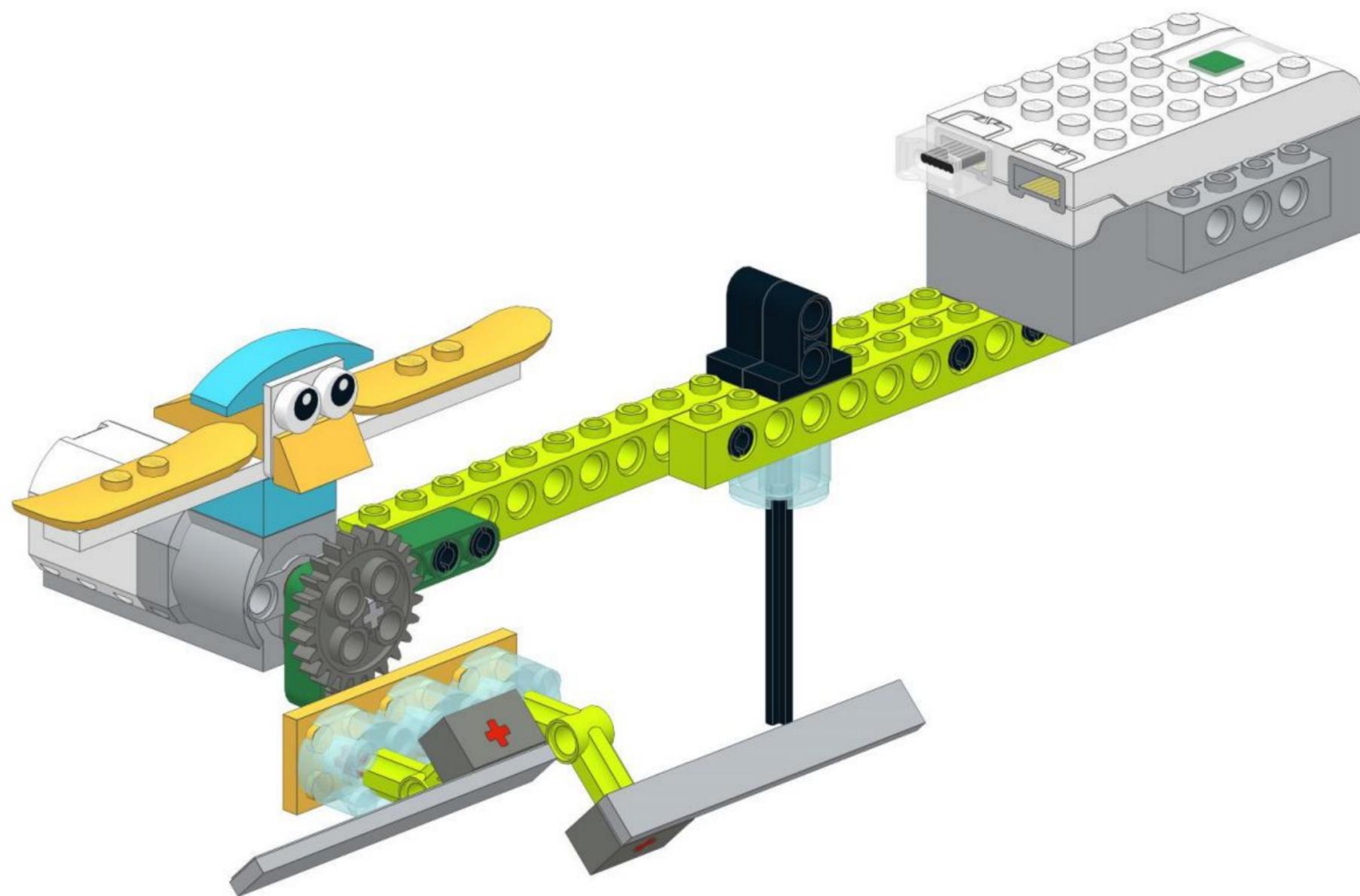
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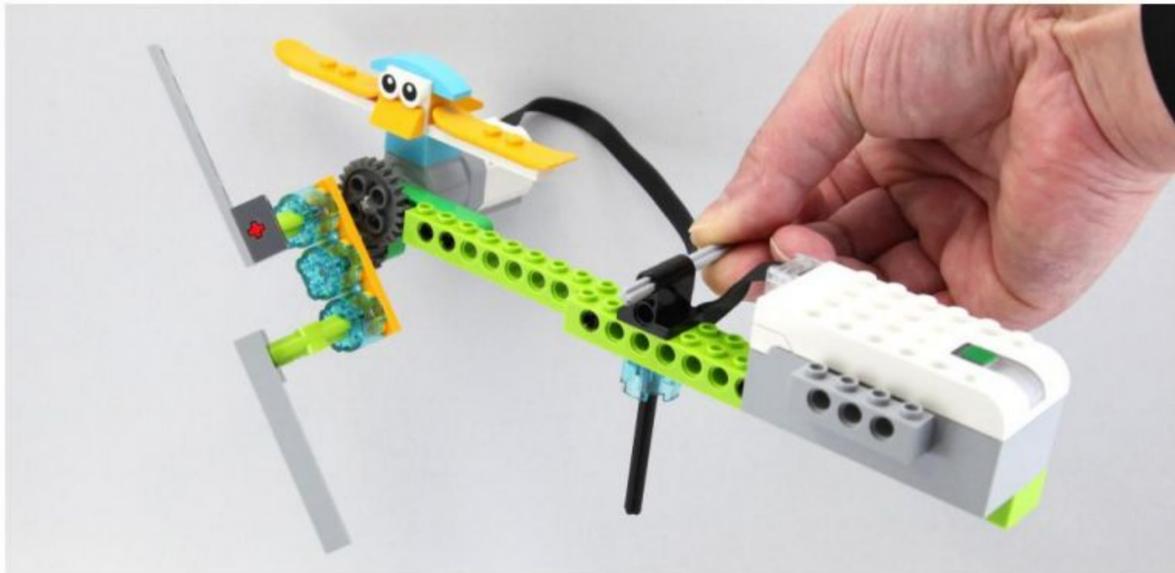
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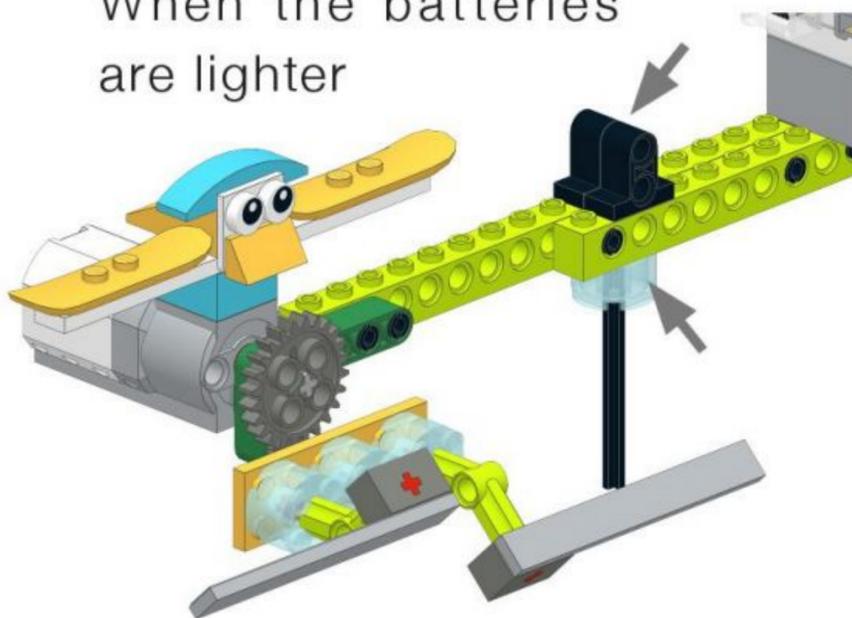


When you use the Smarthub rechargeable battery or AA rechargeable batteries, you may need to balance between the right and the left.

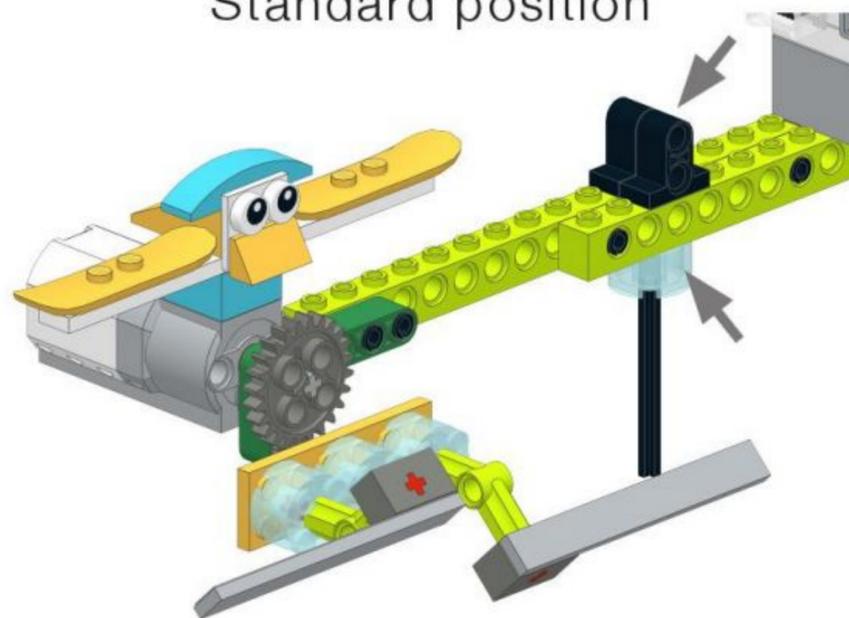
Insert an axle into black parts as shown in the left picture, and check whether it is well-balanced. A slight lean is not a big problem.

When the model is largely inclined to either side, adjust the position of the black parts, the blue part and the black axle as illustrated below.

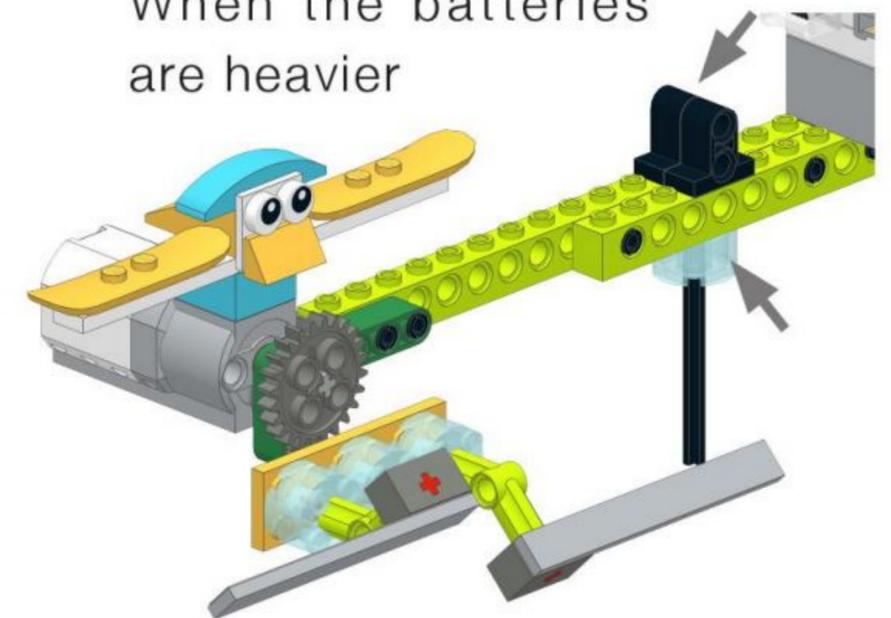
When the batteries are lighter



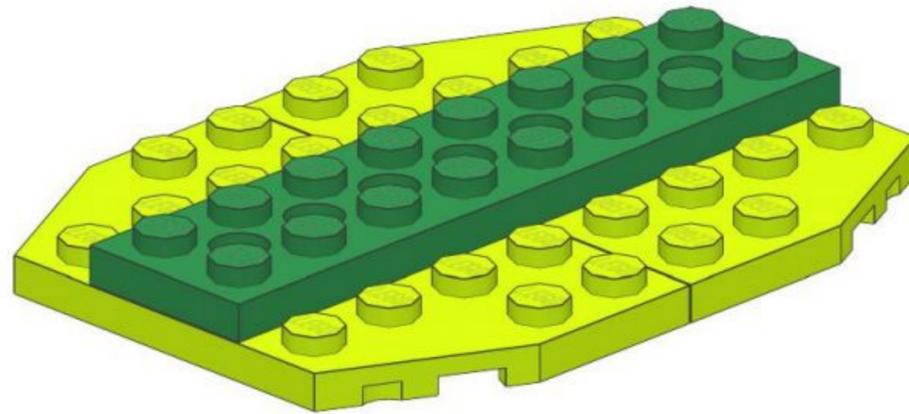
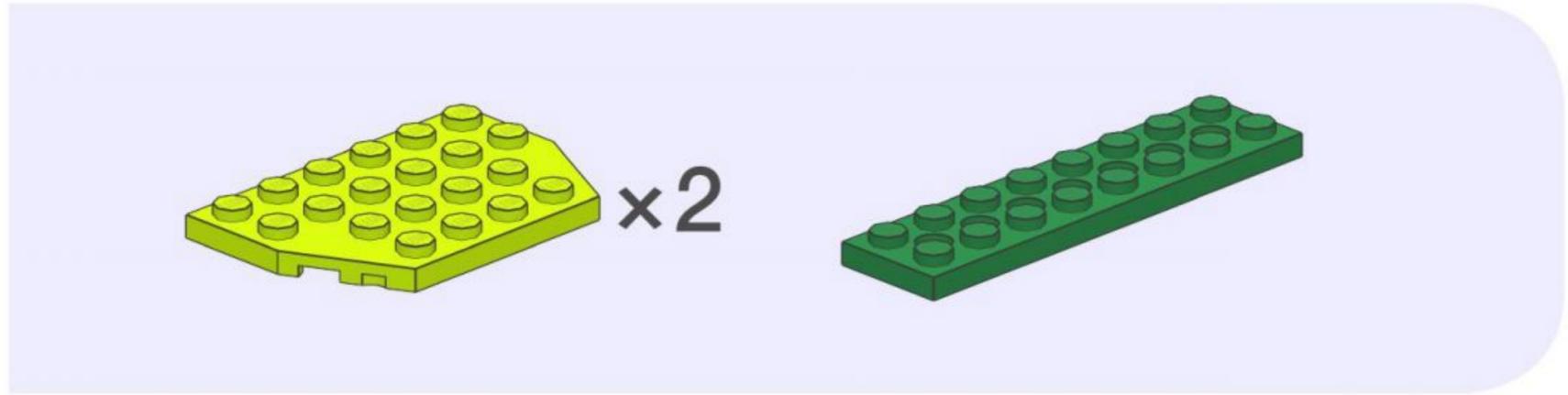
Standard position



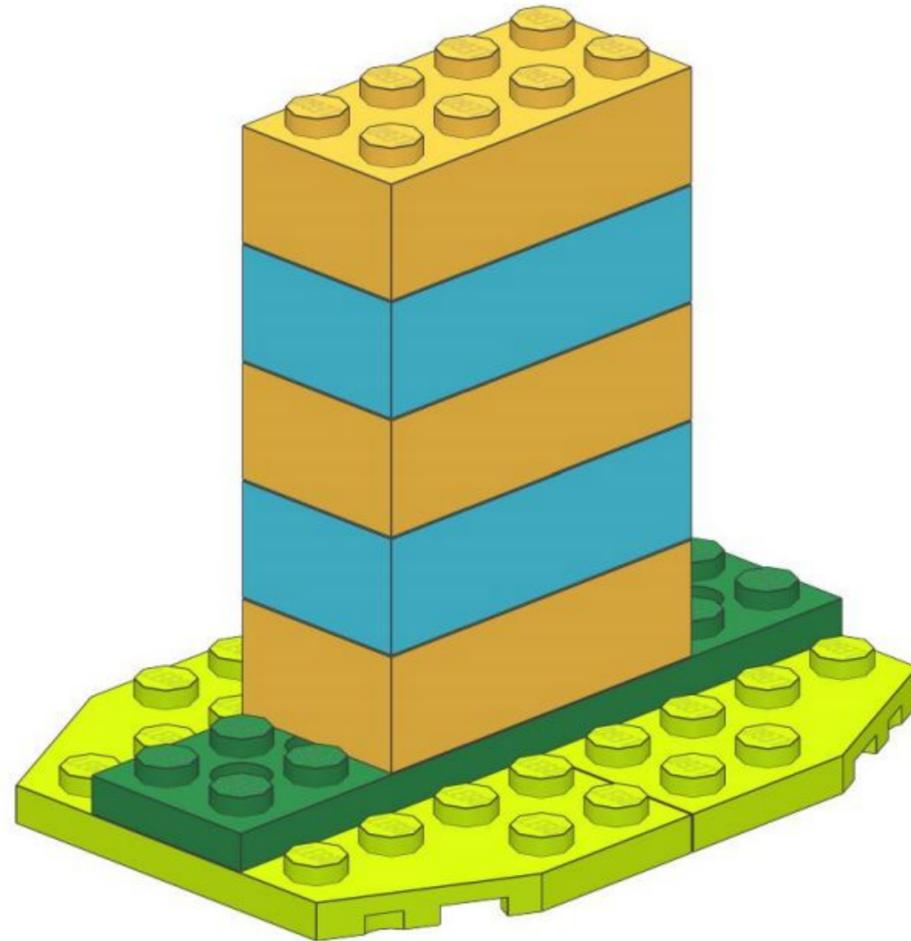
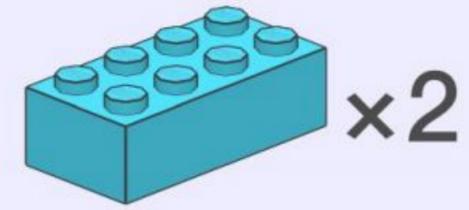
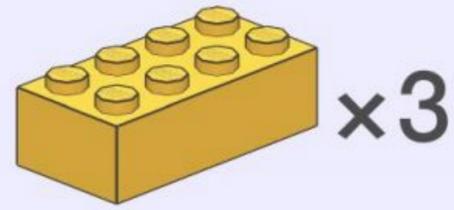
When the batteries are heavier



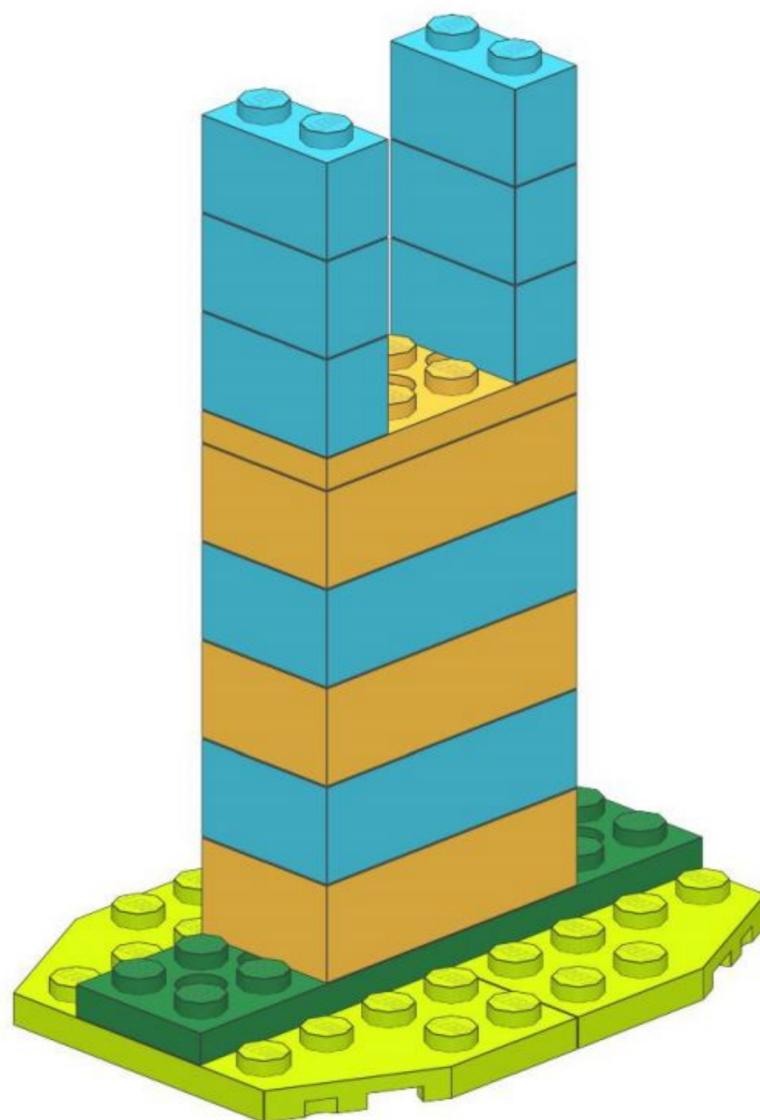
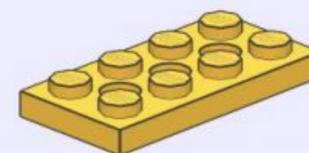
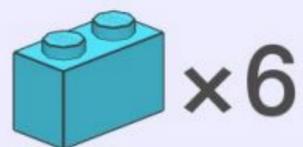
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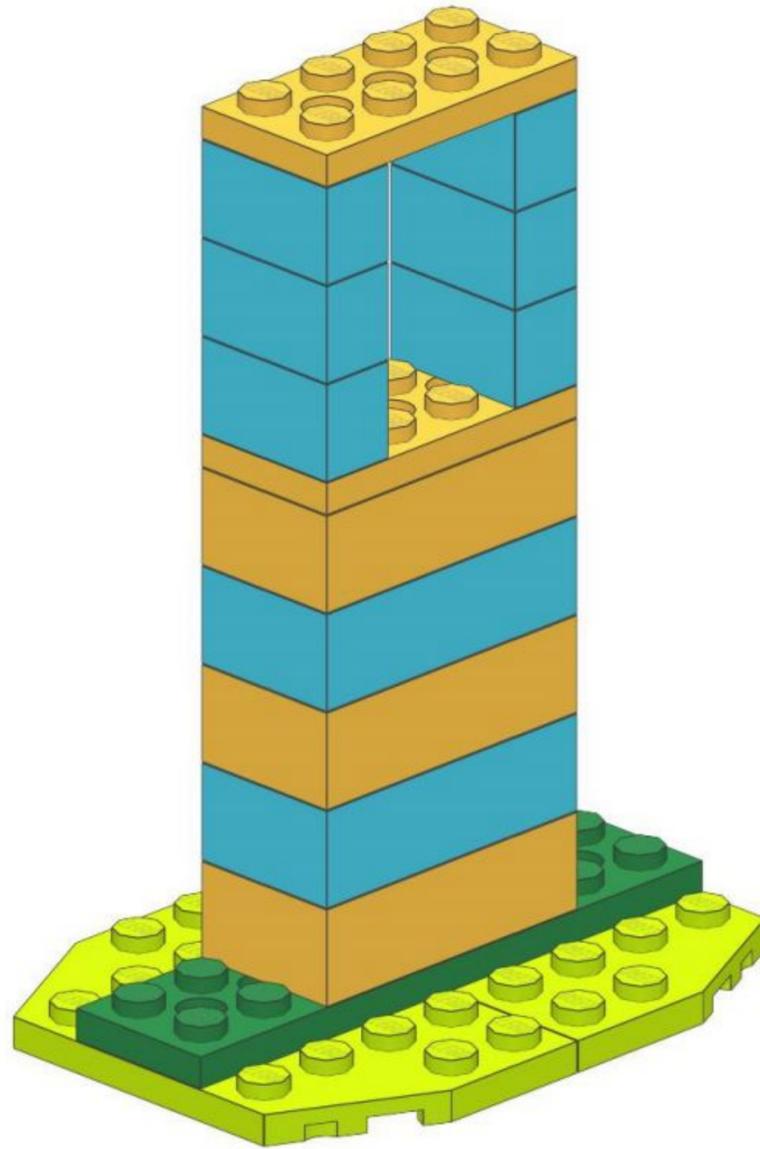
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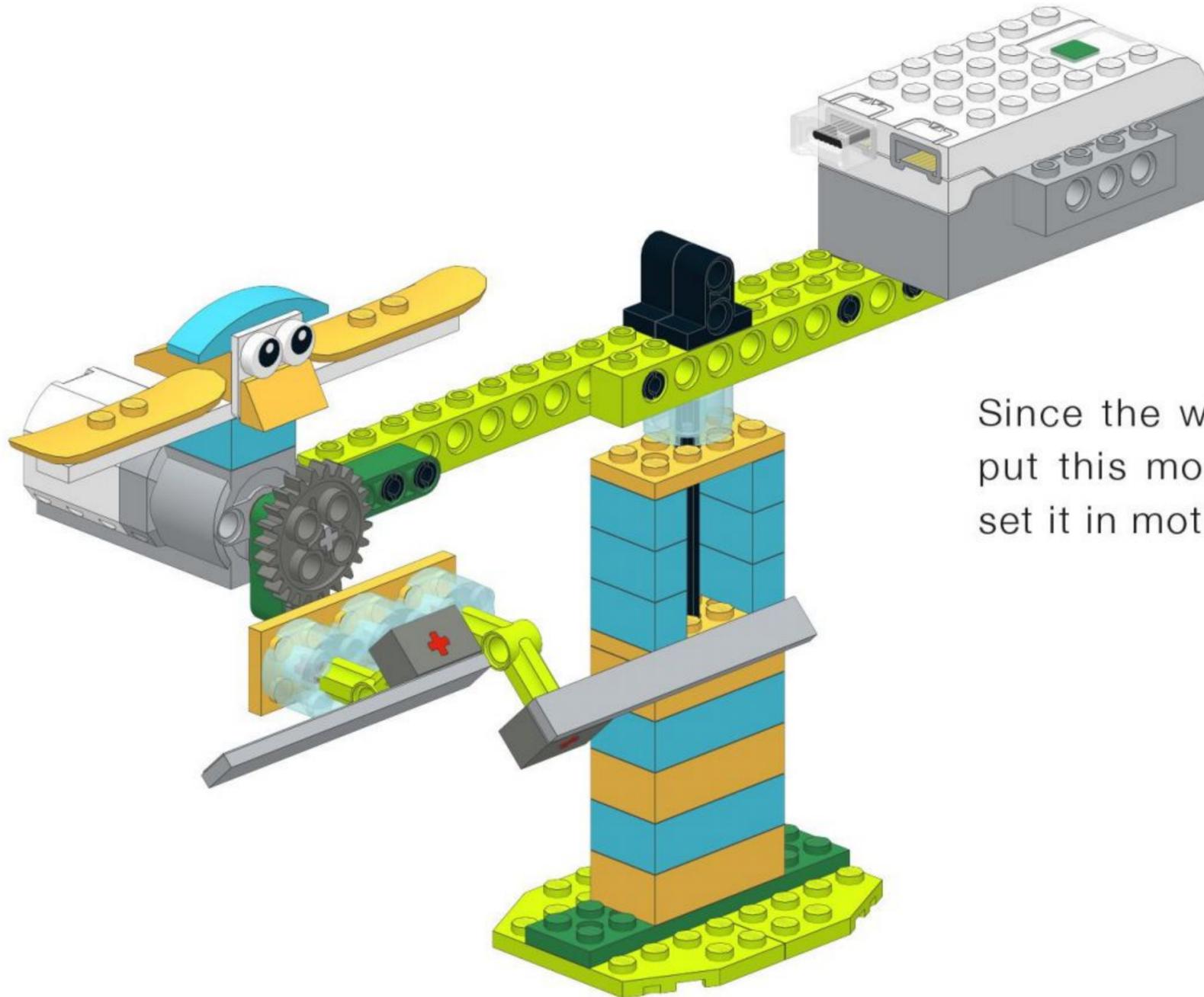
030



031



032



Since the wind power of the fan is not very strong, put this model in as flat a surface as possible and set it in motion.

The screenshot displays the WeDo software interface. At the top, there is a toolbar with icons for home, workspace, gears, camera, and document. On the right side of the toolbar, there are icons for help, a monitor, and a grey square. The main workspace is empty, except for a central sequence of three blocks: a yellow play button, a green motor block with a white propeller icon, and a green rotation block with a white circular arrow icon. A blue box with the number '10' is positioned below the motor block. At the bottom, there is a palette of various blocks including different motor types, a timer, a stop block, rotation blocks, a color sensor, a music block, a screen block, a brick connector, a microphone, and two sensor blocks with numerical values '0'.

THE YOSHIHITO'S CREATION BOOK “WeDo PLANE”

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Technical Reviewer: Sumiko Hirano

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