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Simple machines



Simple machines in the kitchen







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Describe to your classmates your experience when you made something sweet using the mixer. What did you make? Why did you use the mixer?







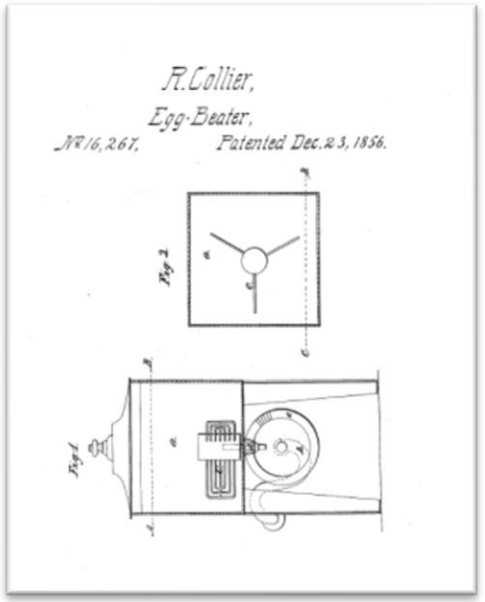
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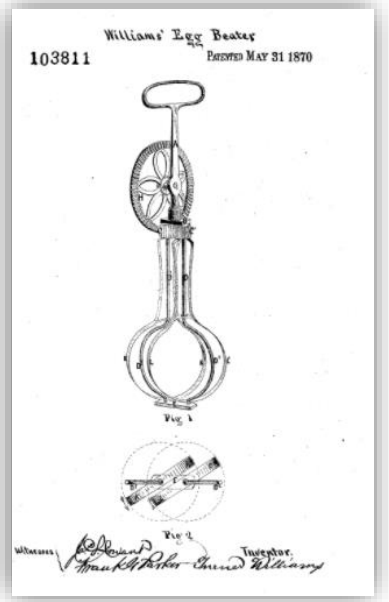
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The first mixer was made in 1856 in Baltimore, USA. New inventors in England and the USA did many improvements in the next years.







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Mixer inventors got patents. Do you know what patents are and how are they given?



Since the beginning of 1900 mixers were extensively used in all kitchens. Since 1920 they became electric.





Why do you think the mixer was useful in the kitchen? How did electric current help?

Discuss about the mixing attachments (from top to bottom: flat beater, spiral dough hook, wire whip)

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Mixers have 3 gears:

- Slow: add ingredients
- Middle: stirring
- Fast: add air and give volume to the sweet recipe





Which gear do you use at each stage of a cake production?

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Our today's building has GEARS and a CRANK





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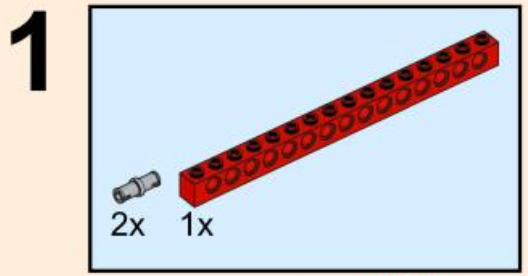
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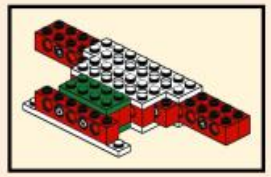
MOVE ON TO THE BUILDING INSTRUCTIONS

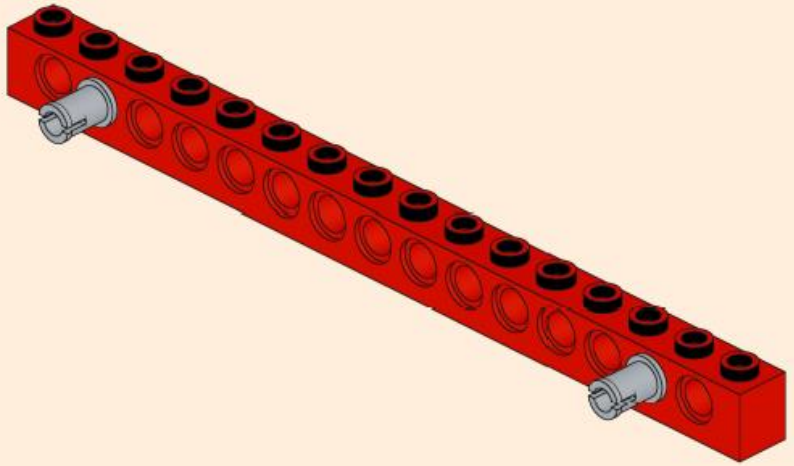
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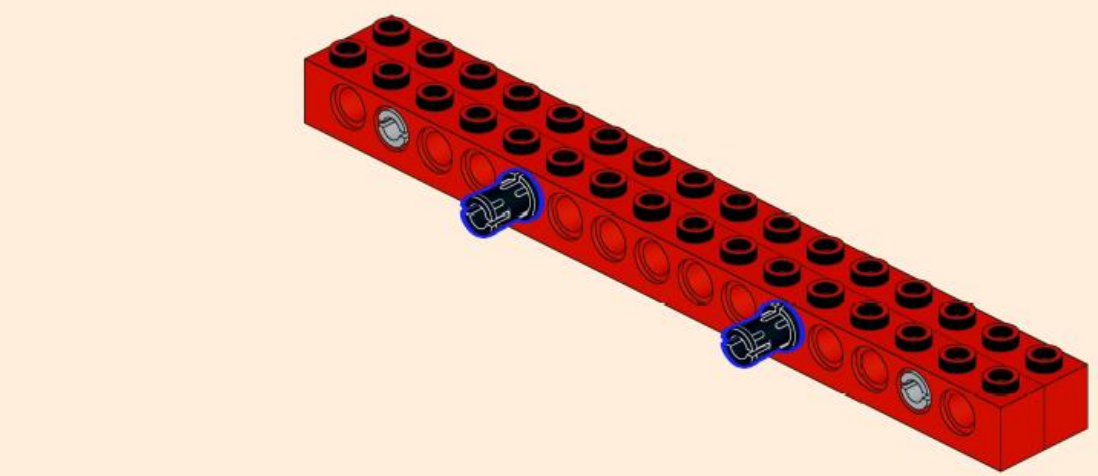
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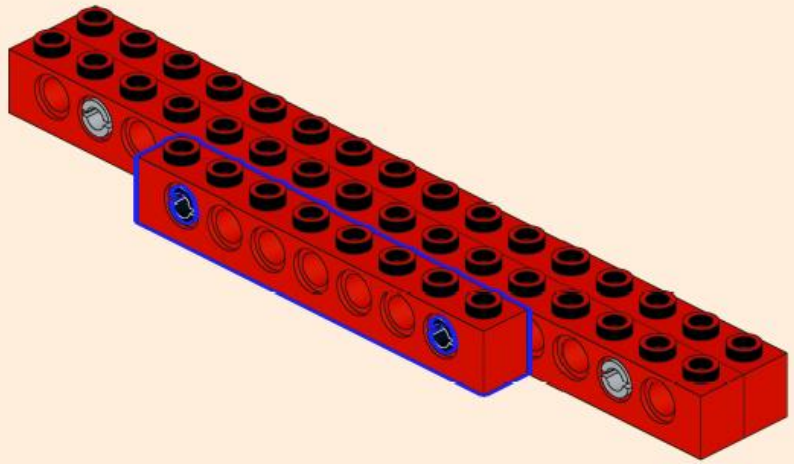
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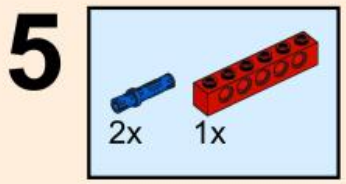
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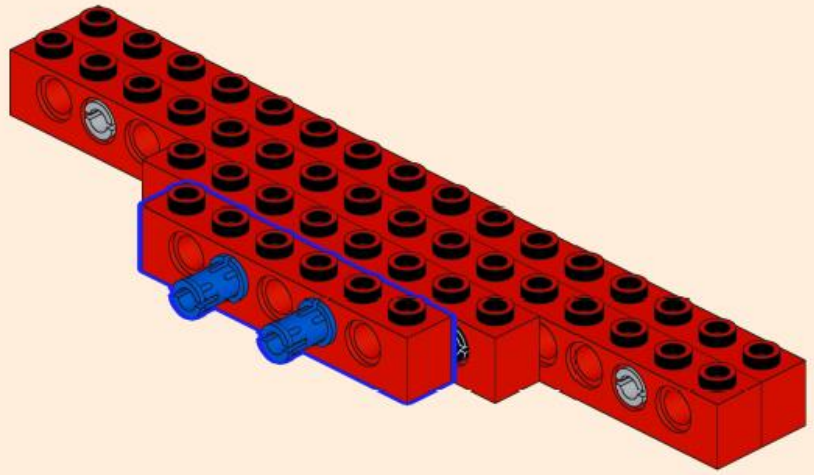




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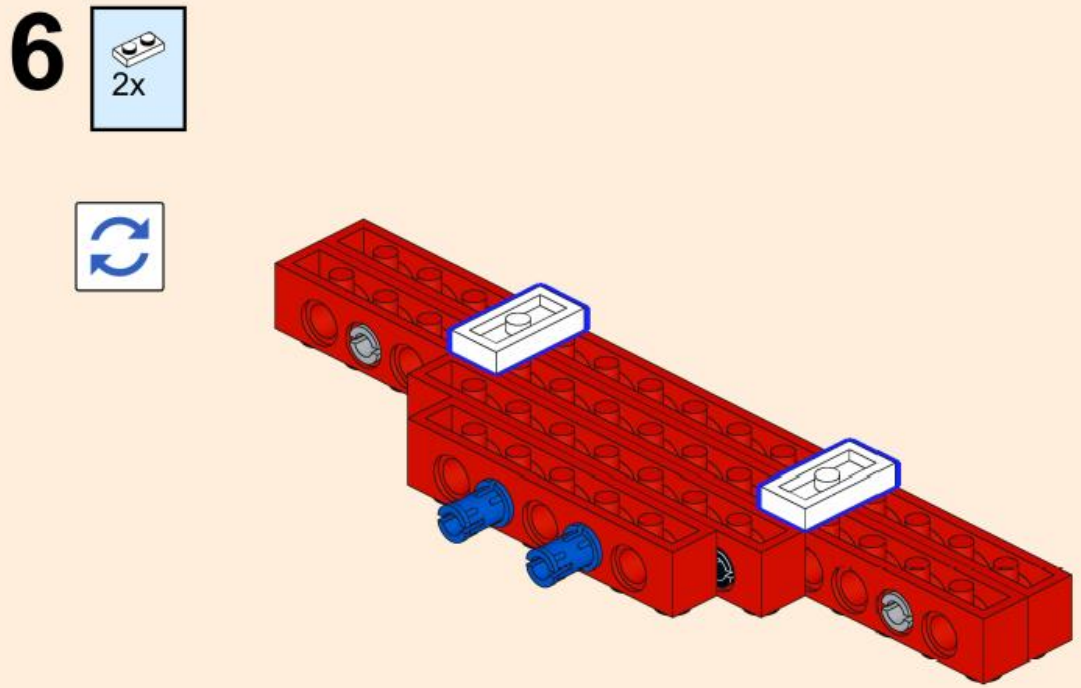
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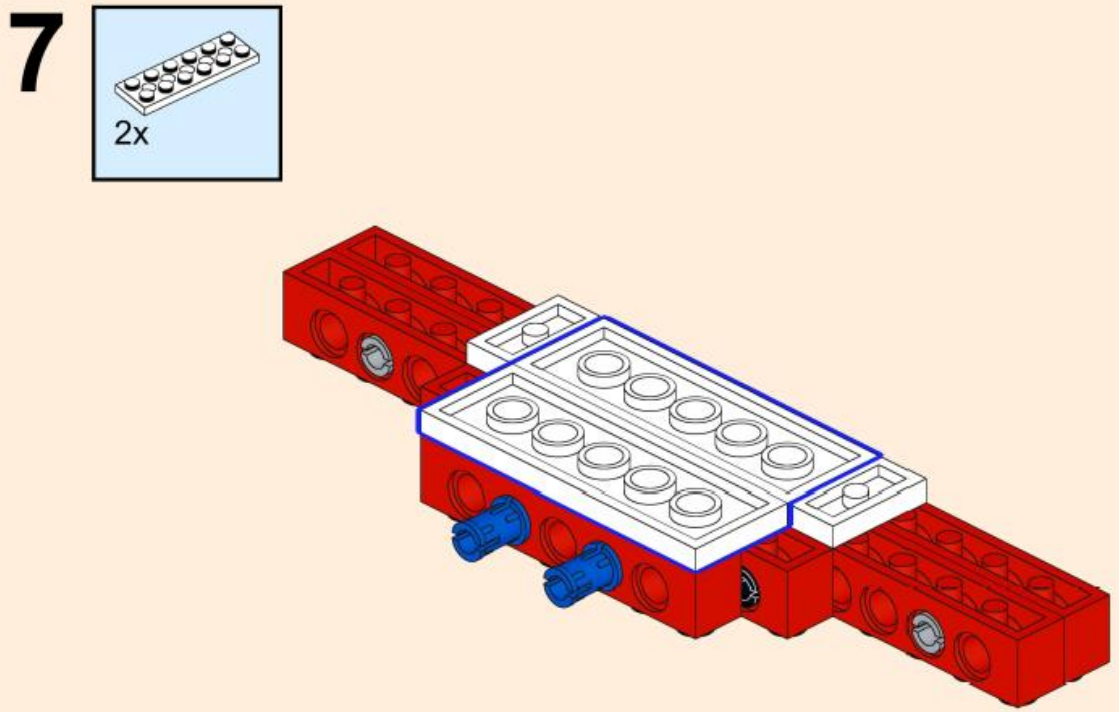
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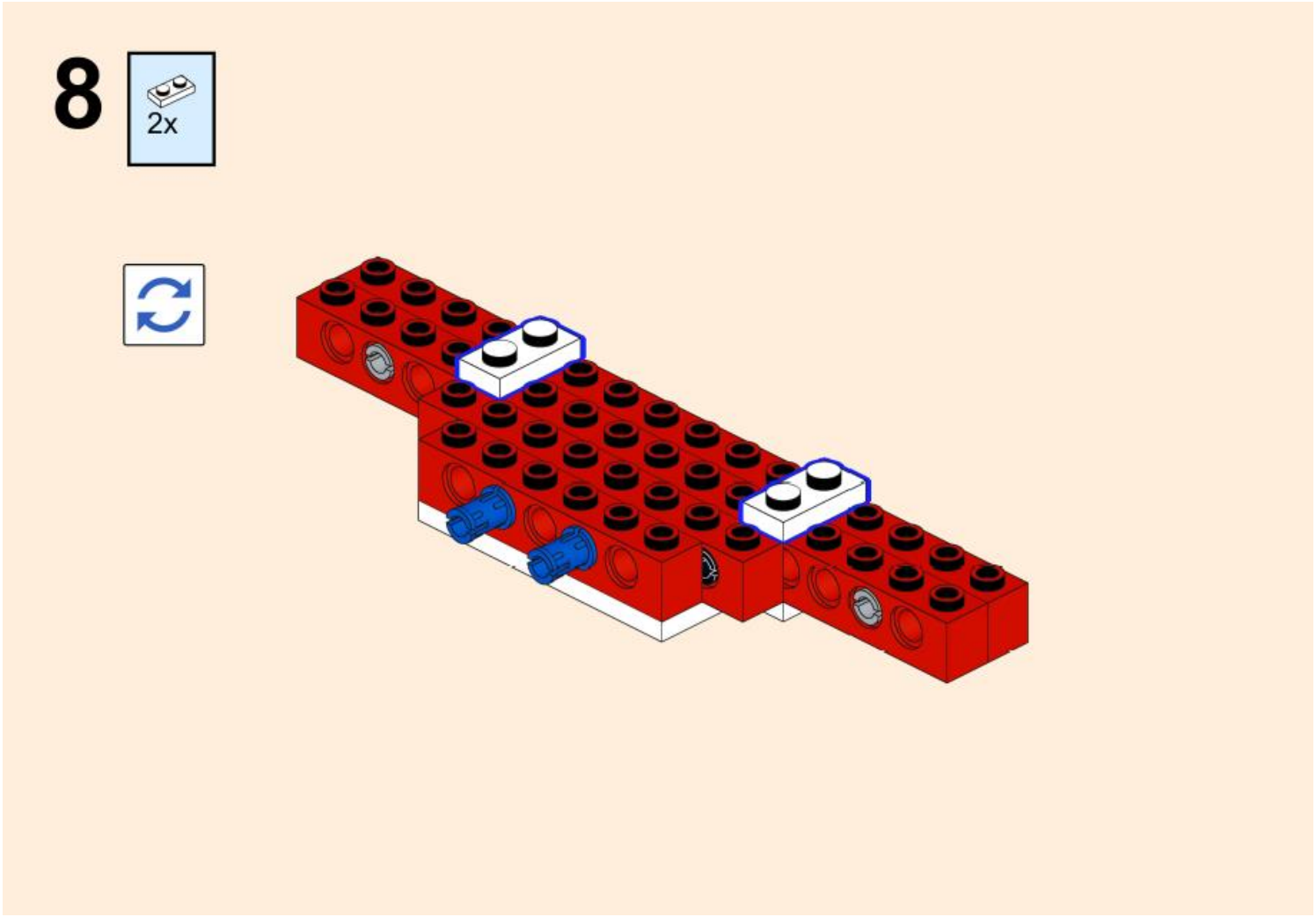
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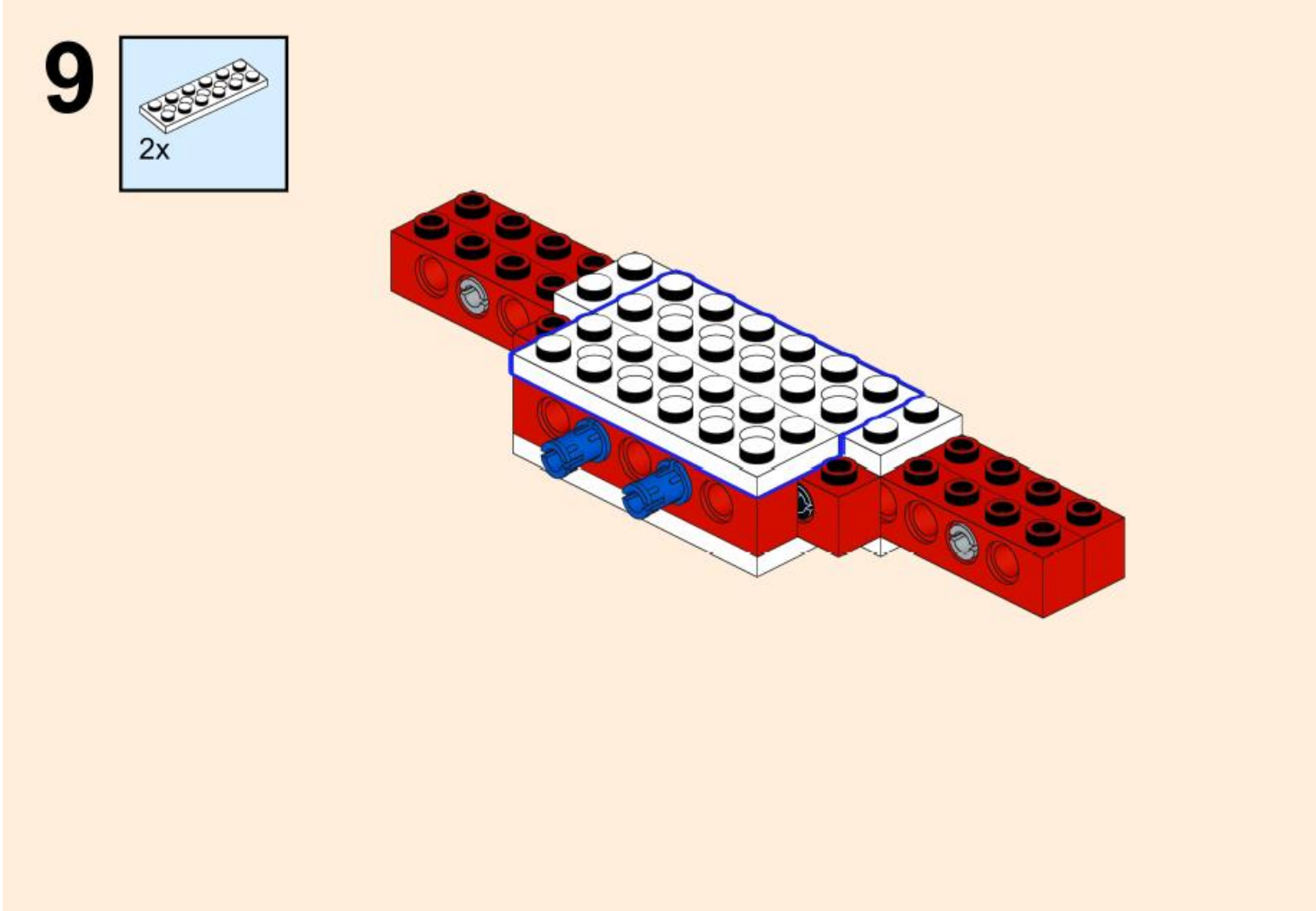
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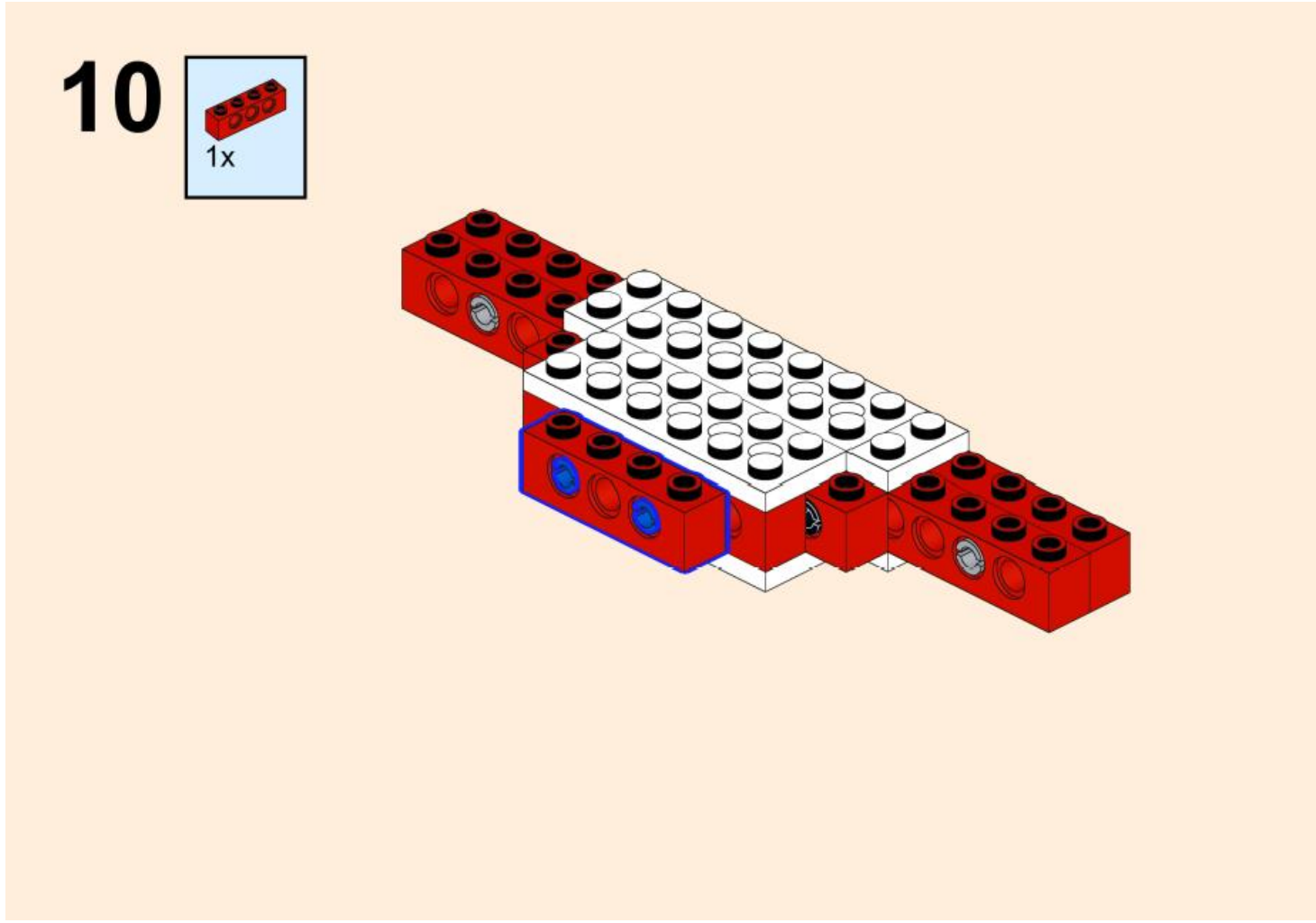
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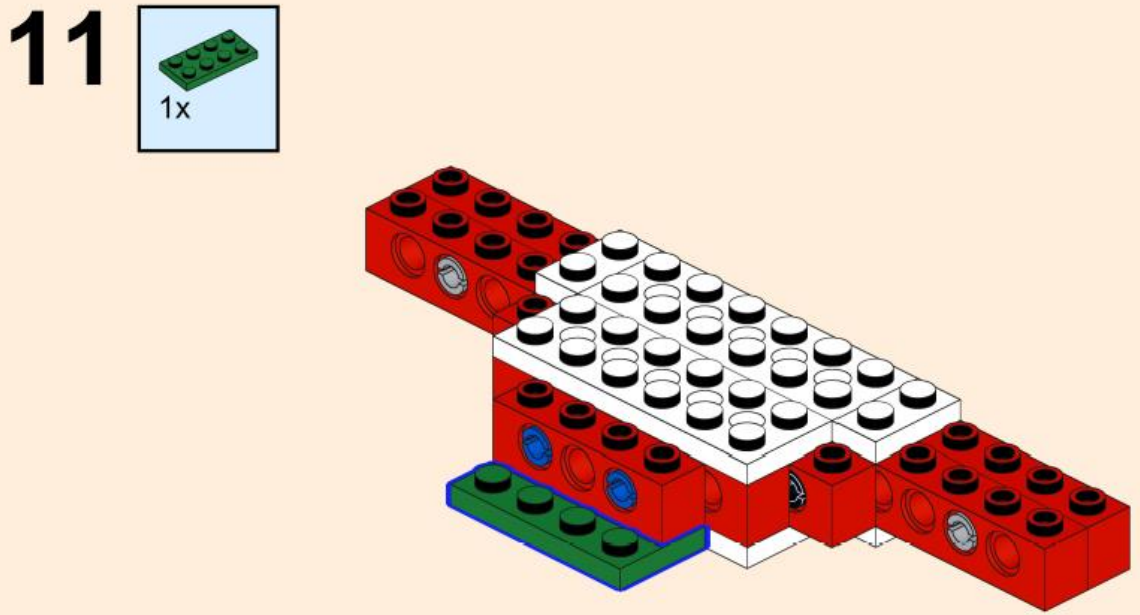
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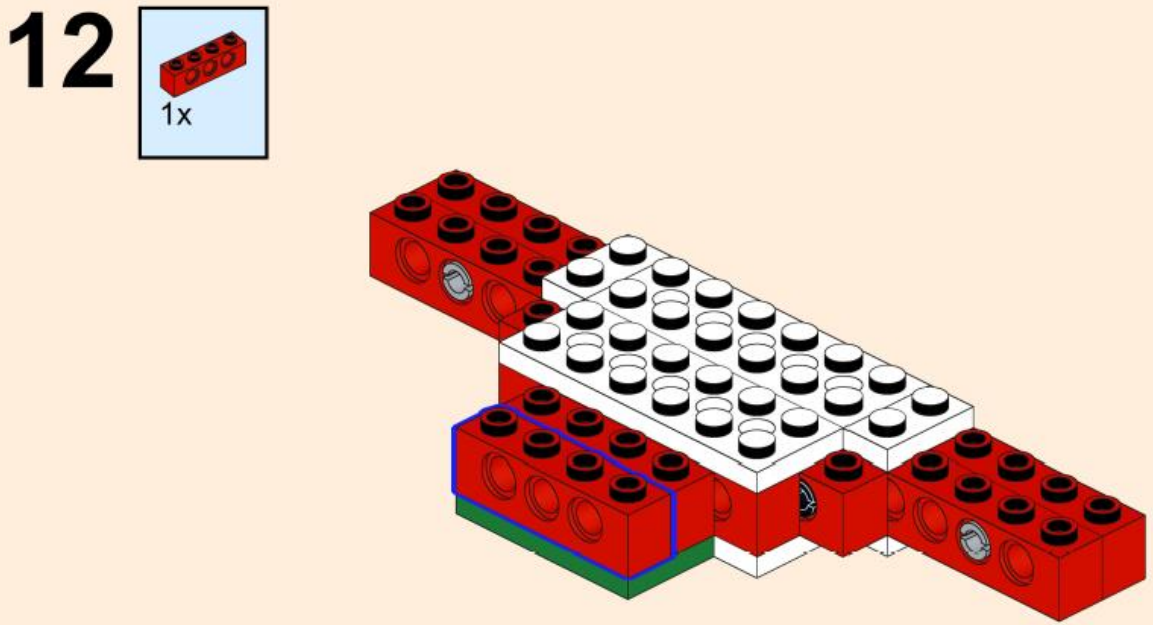
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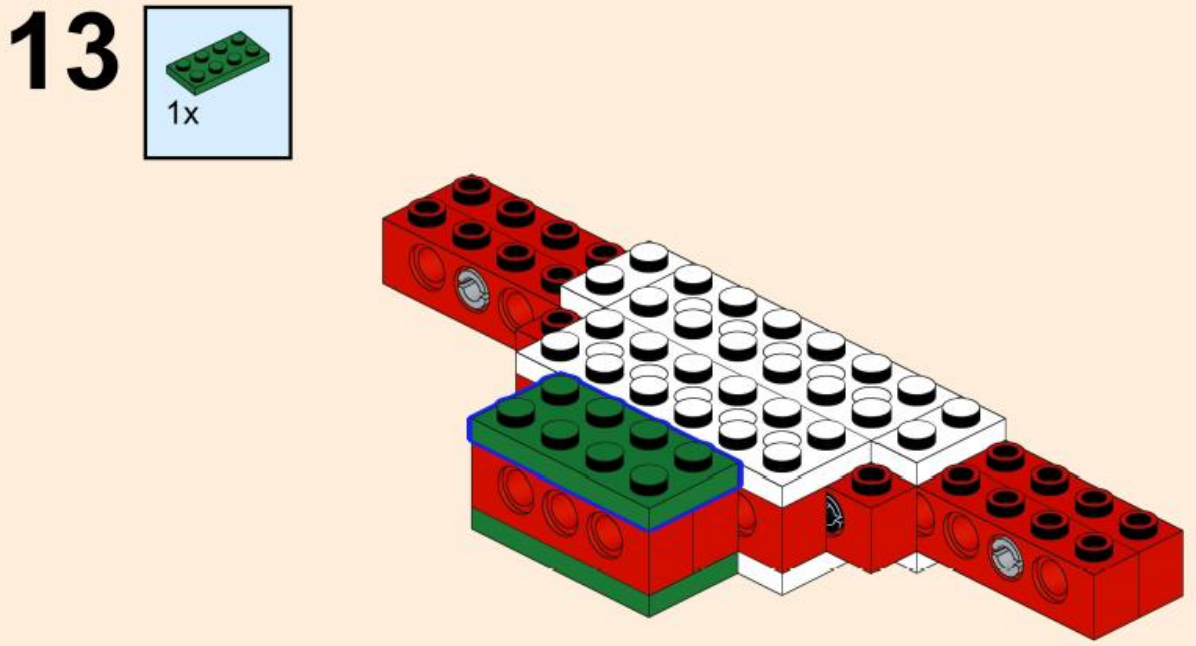
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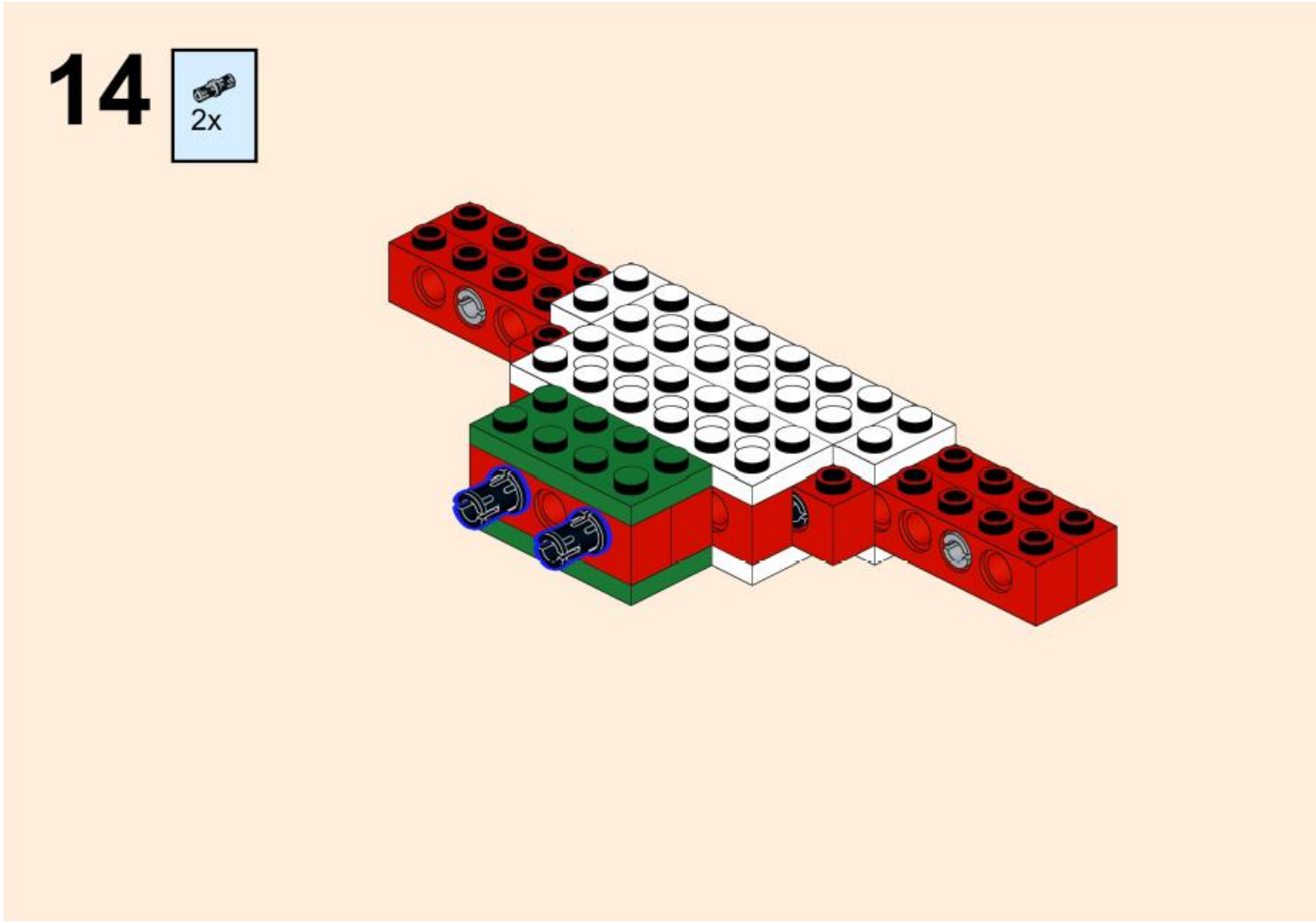
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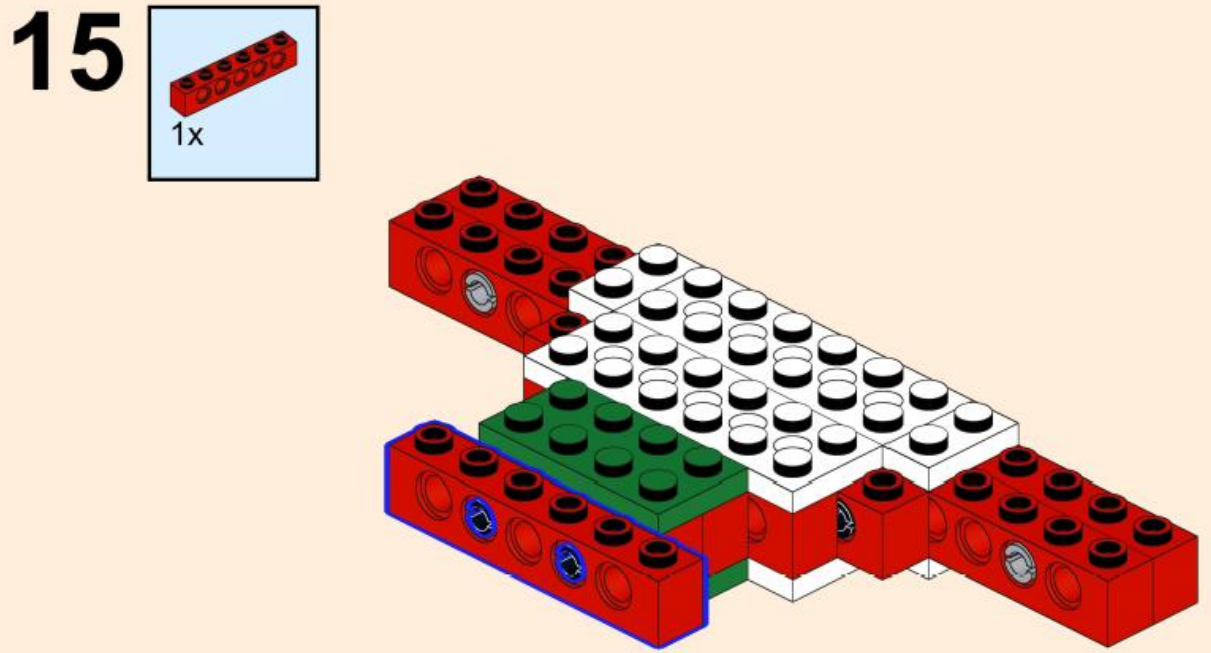
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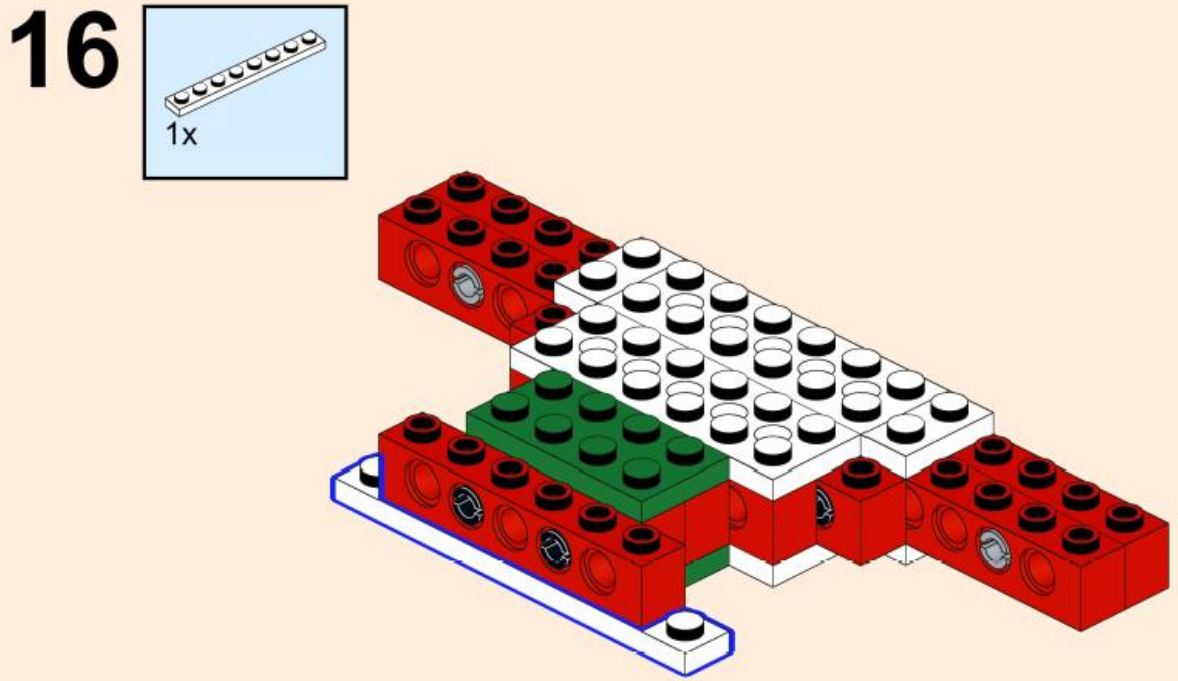
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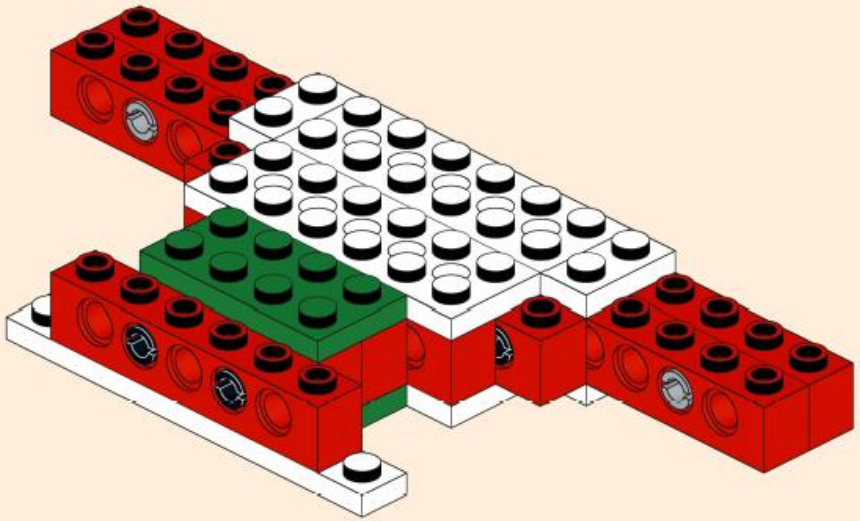
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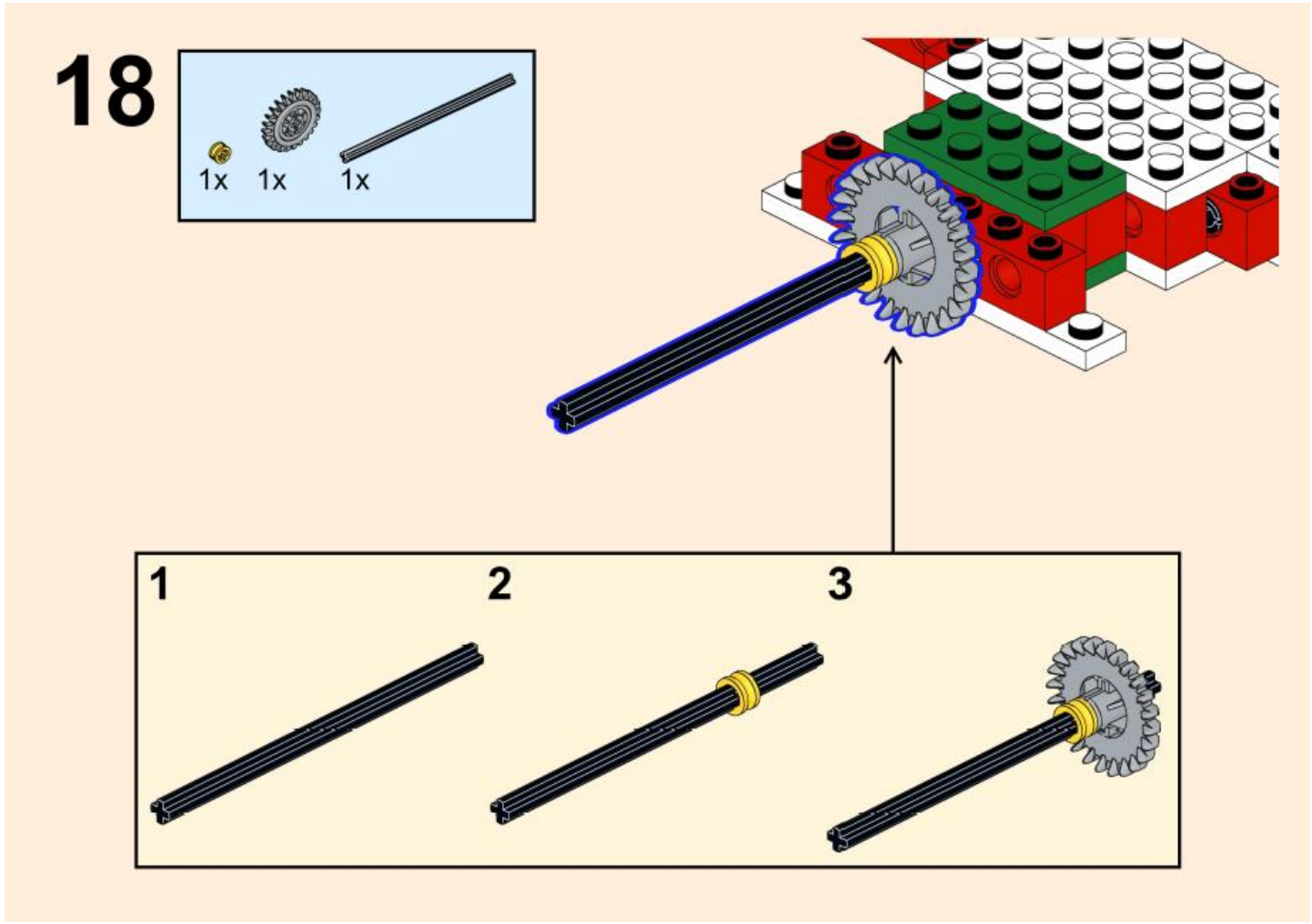
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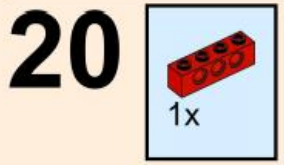
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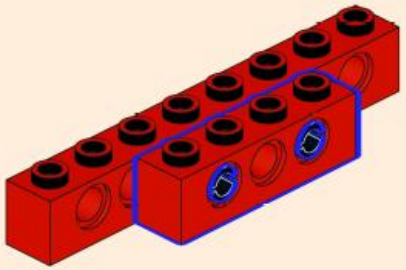


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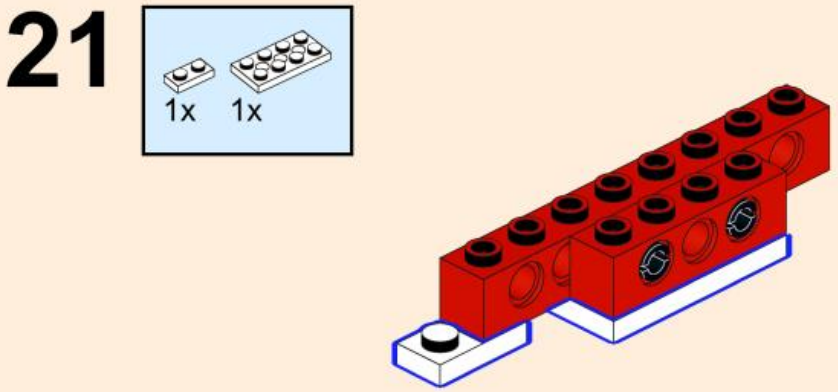


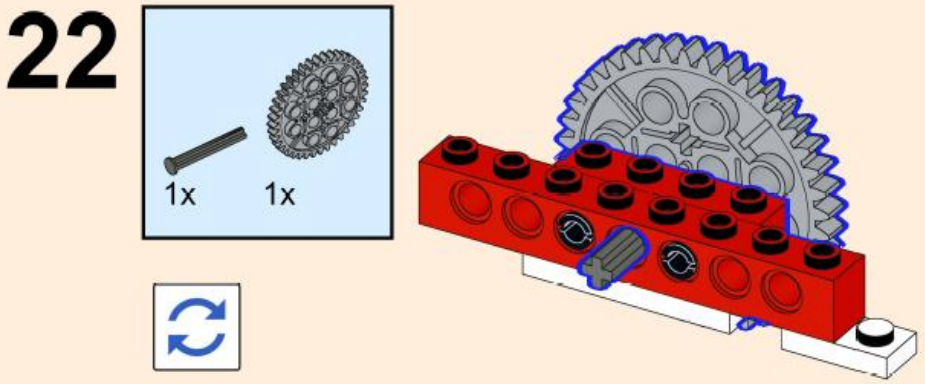




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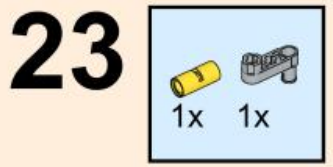
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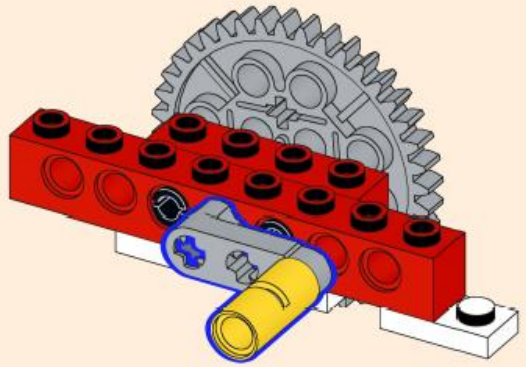




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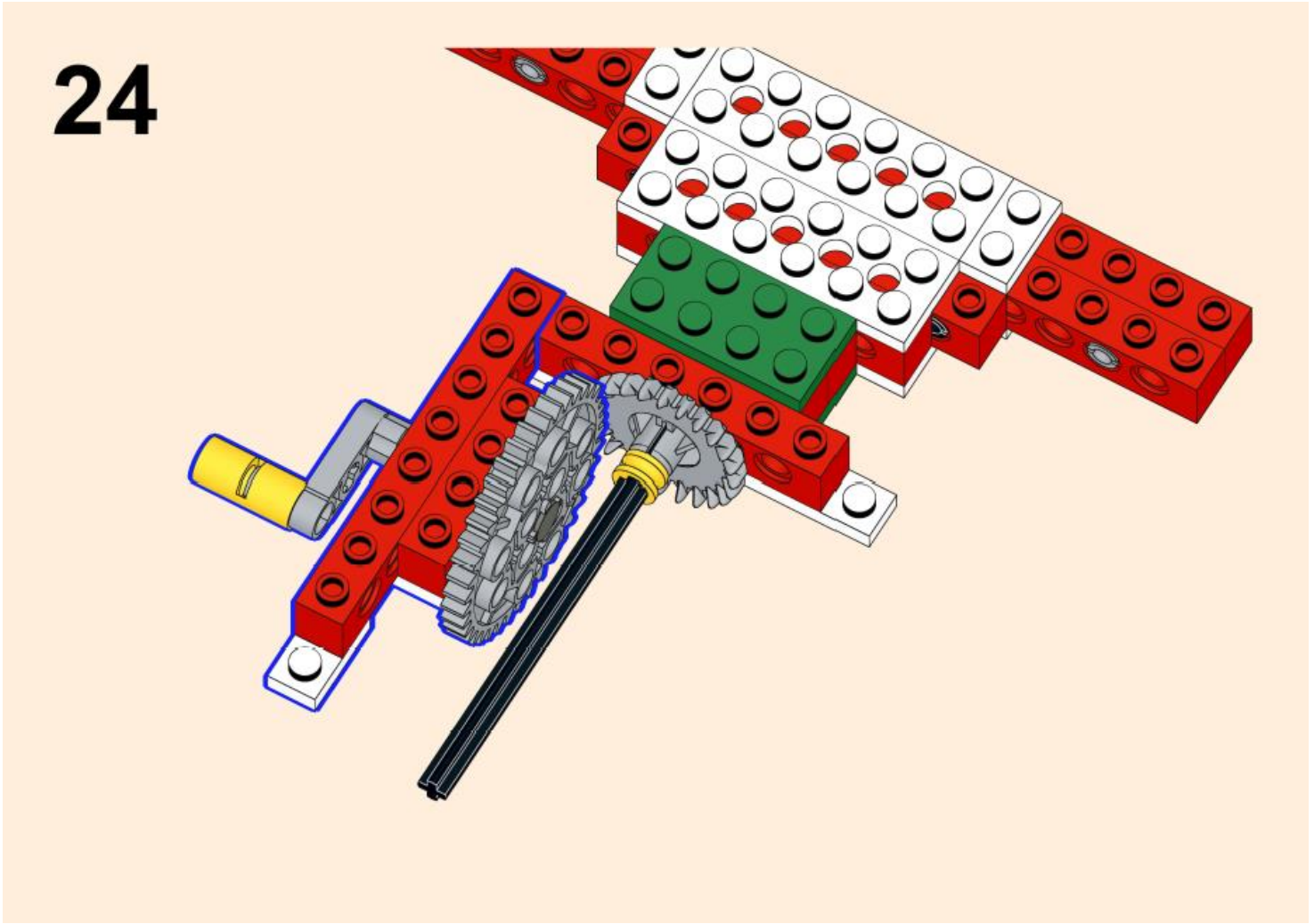
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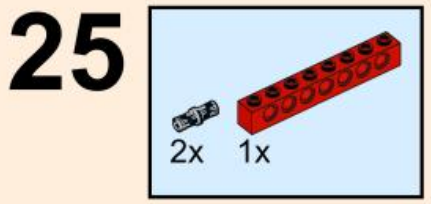
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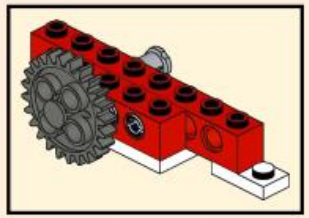


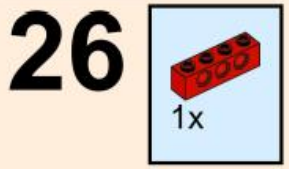
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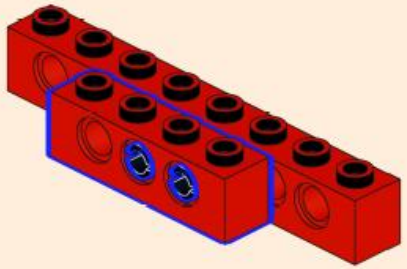
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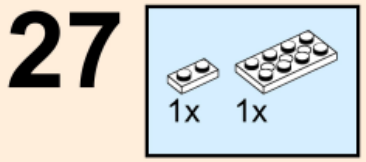


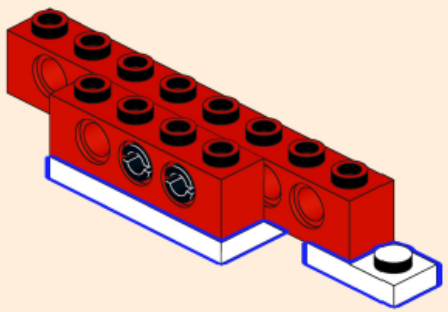


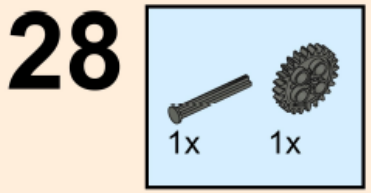


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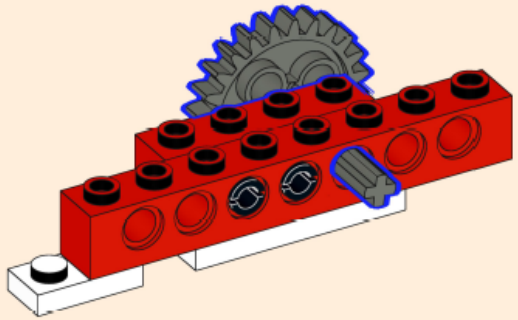
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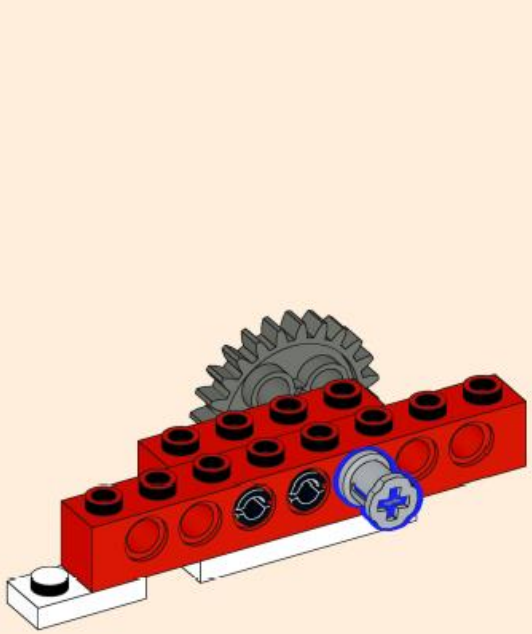






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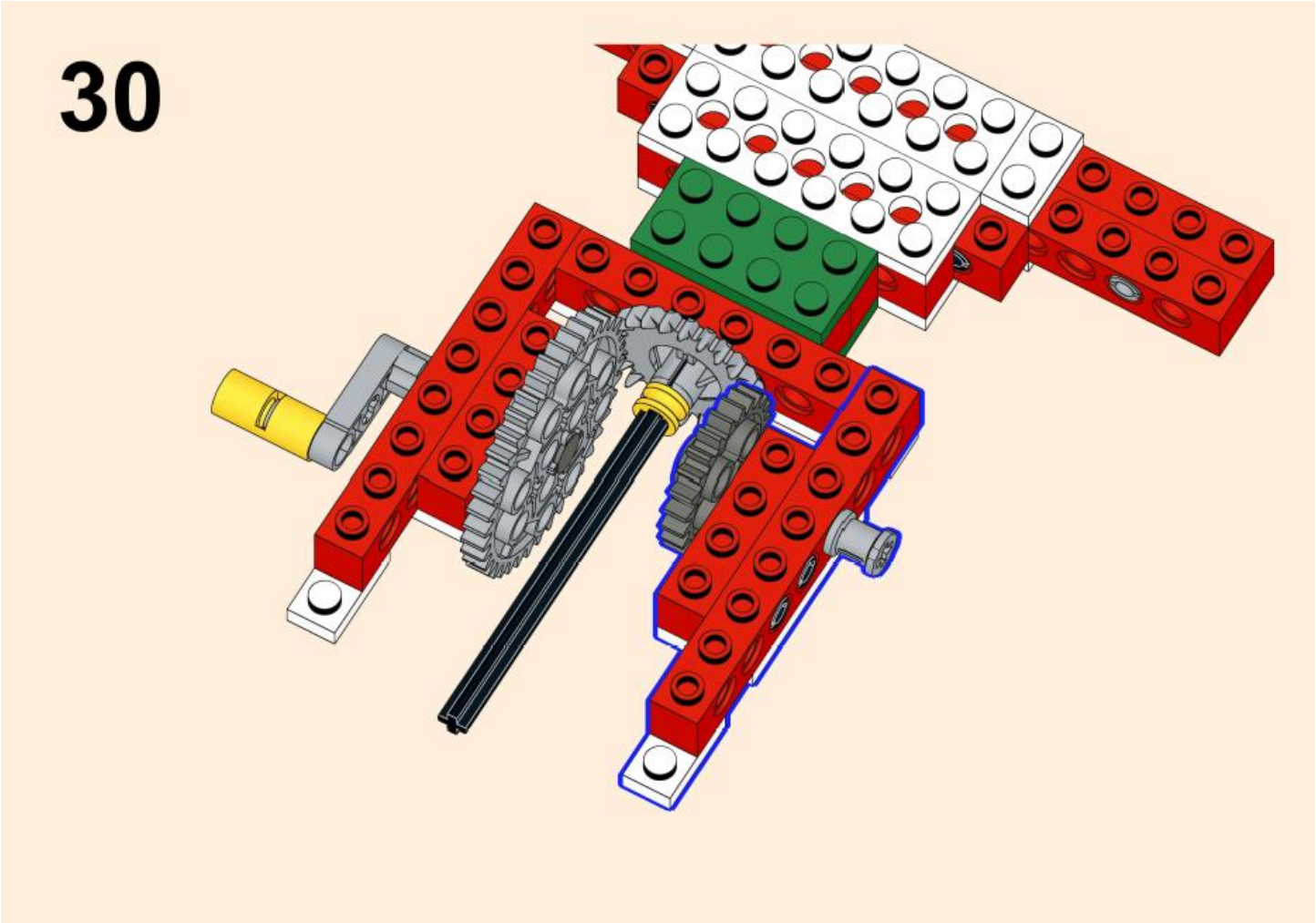
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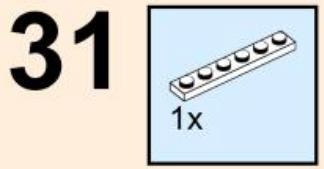
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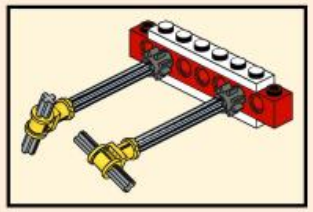
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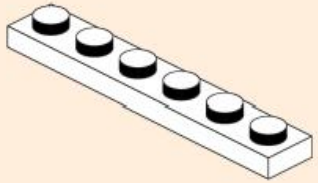


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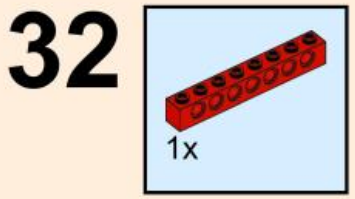


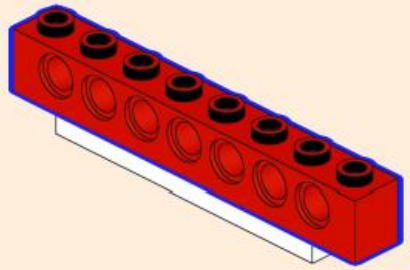




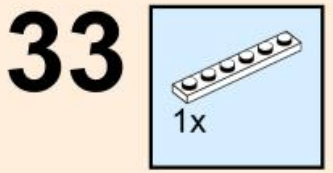
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Call 2021 Round 1 KA2
KA220-SCH - Cooperation partnerships in school education
STEM Education for Primary Schools
STEM for Youngsters

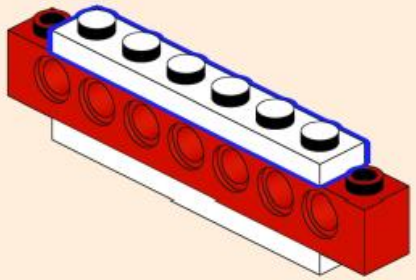
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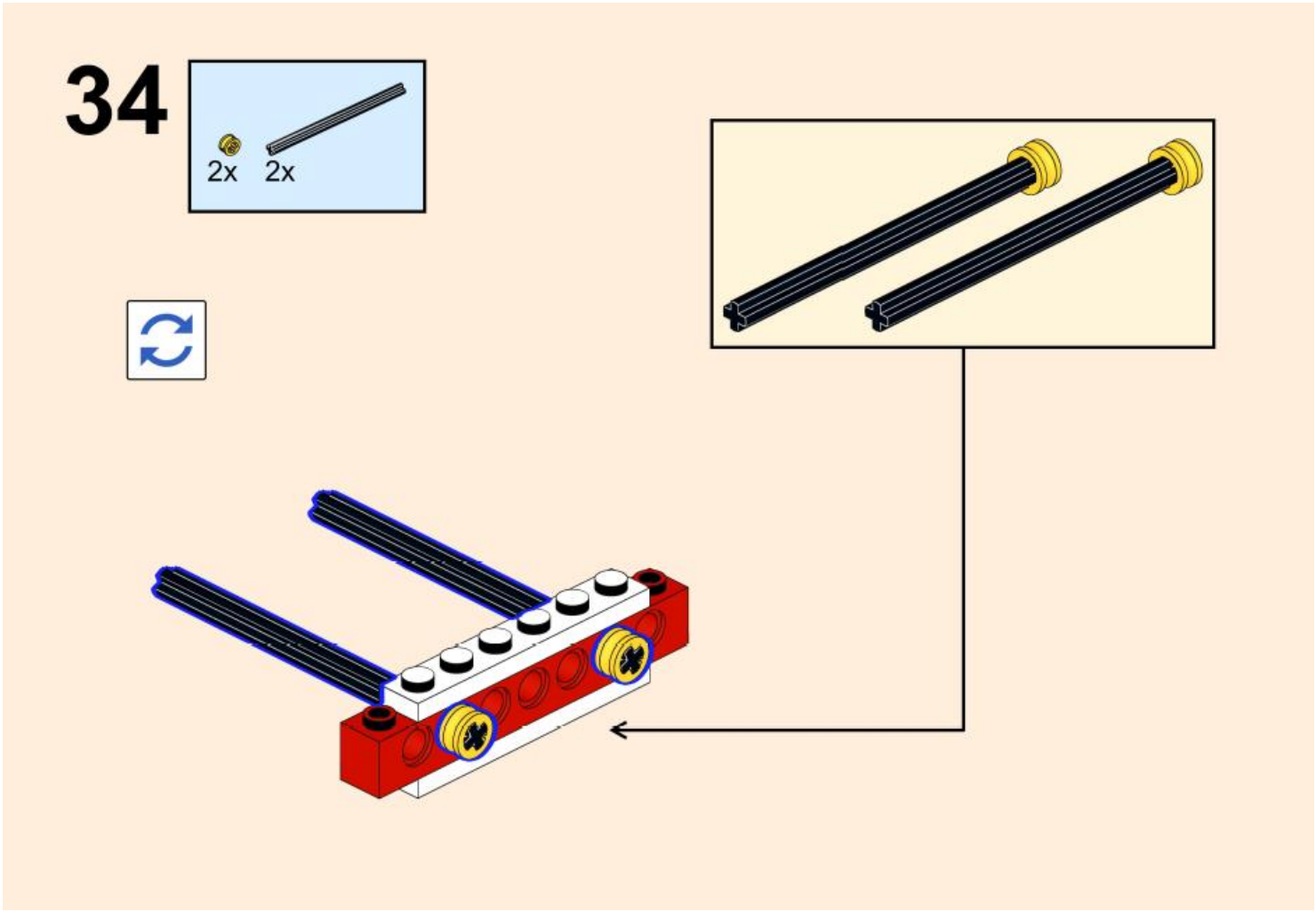




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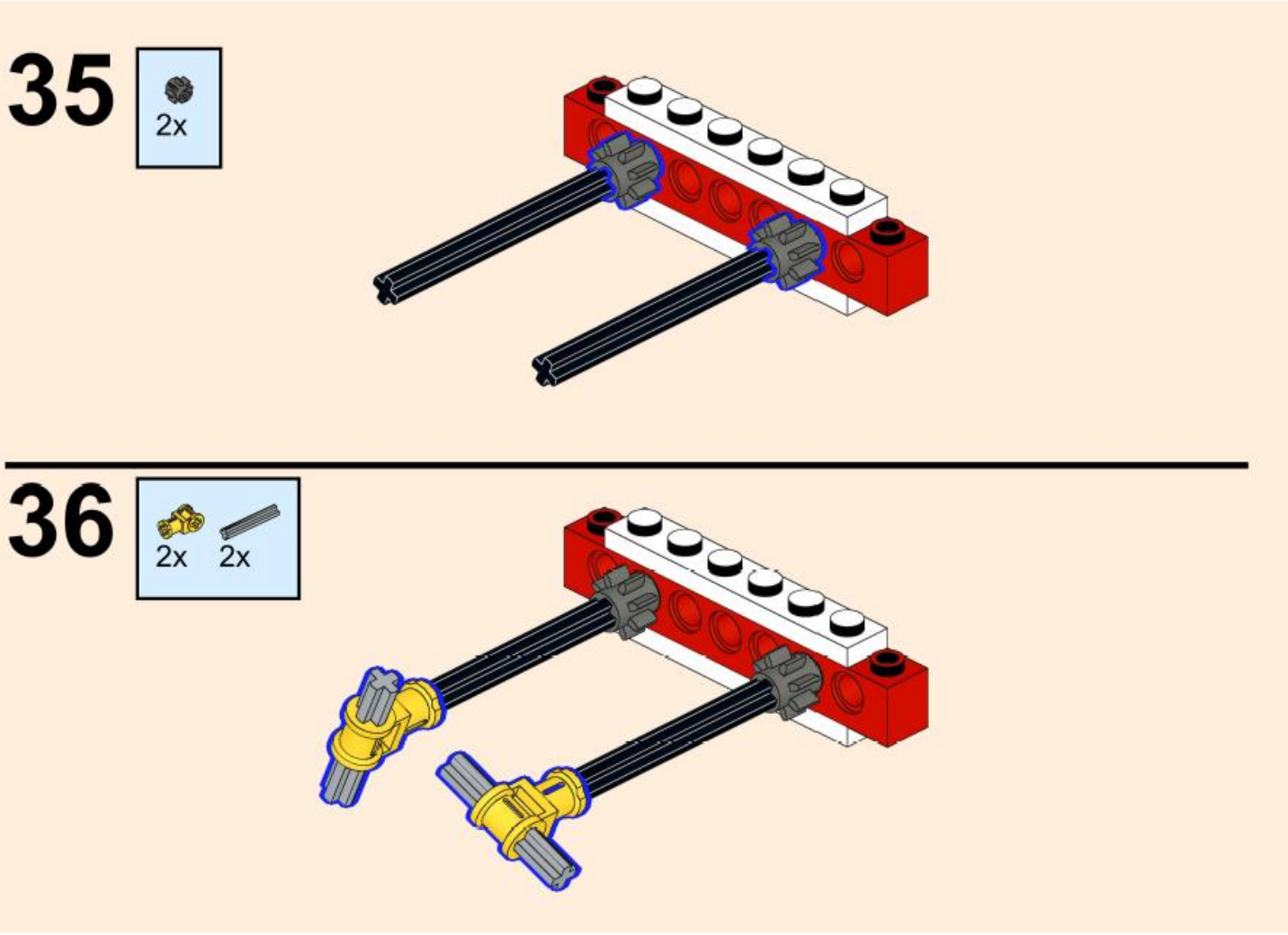
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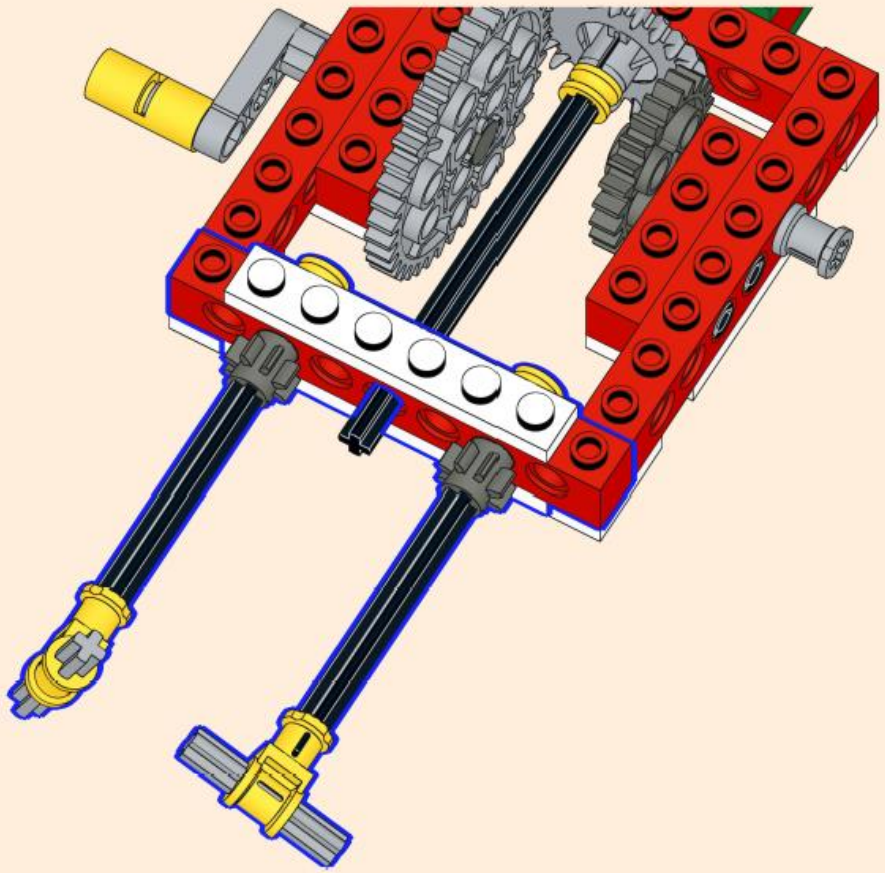
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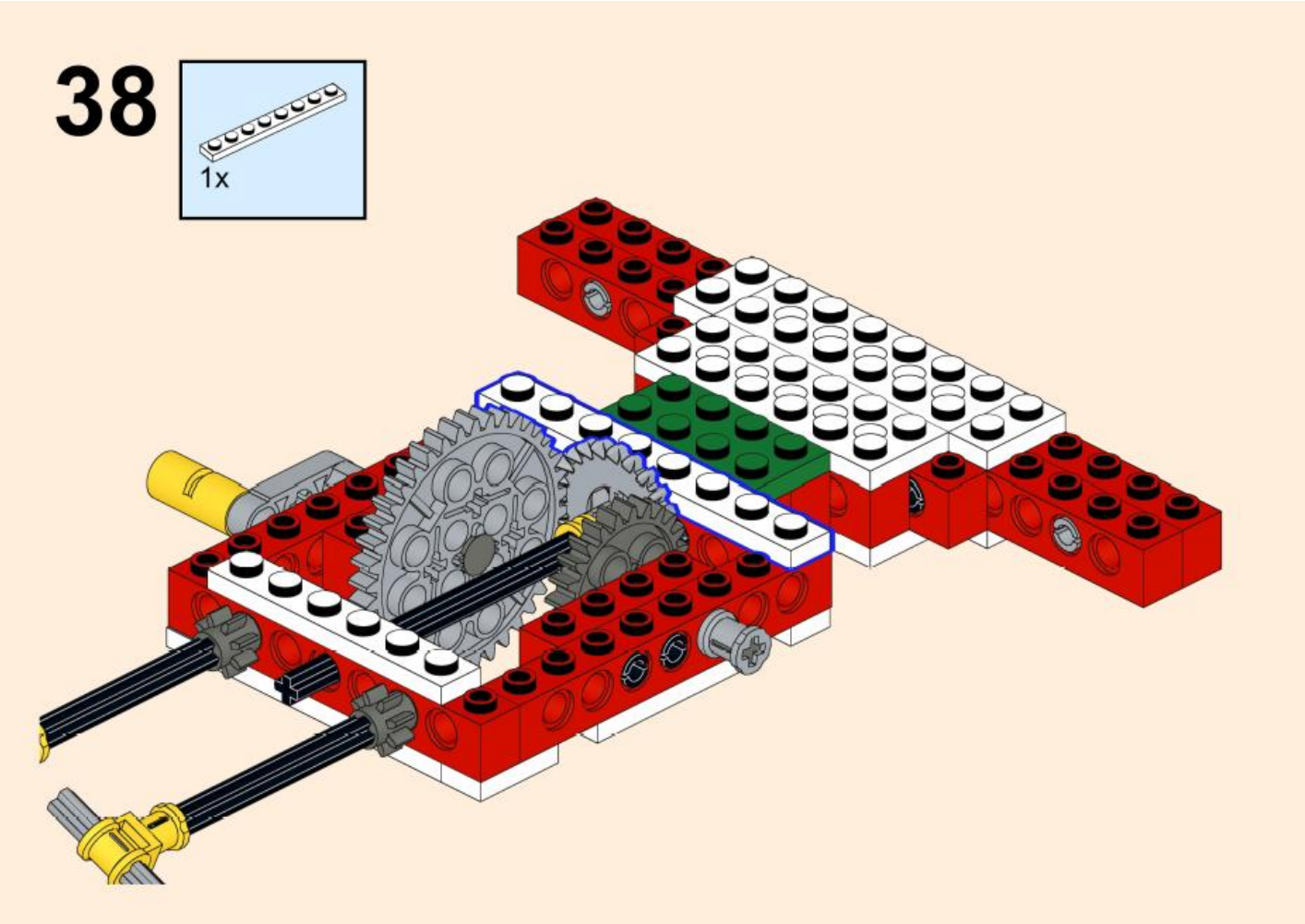
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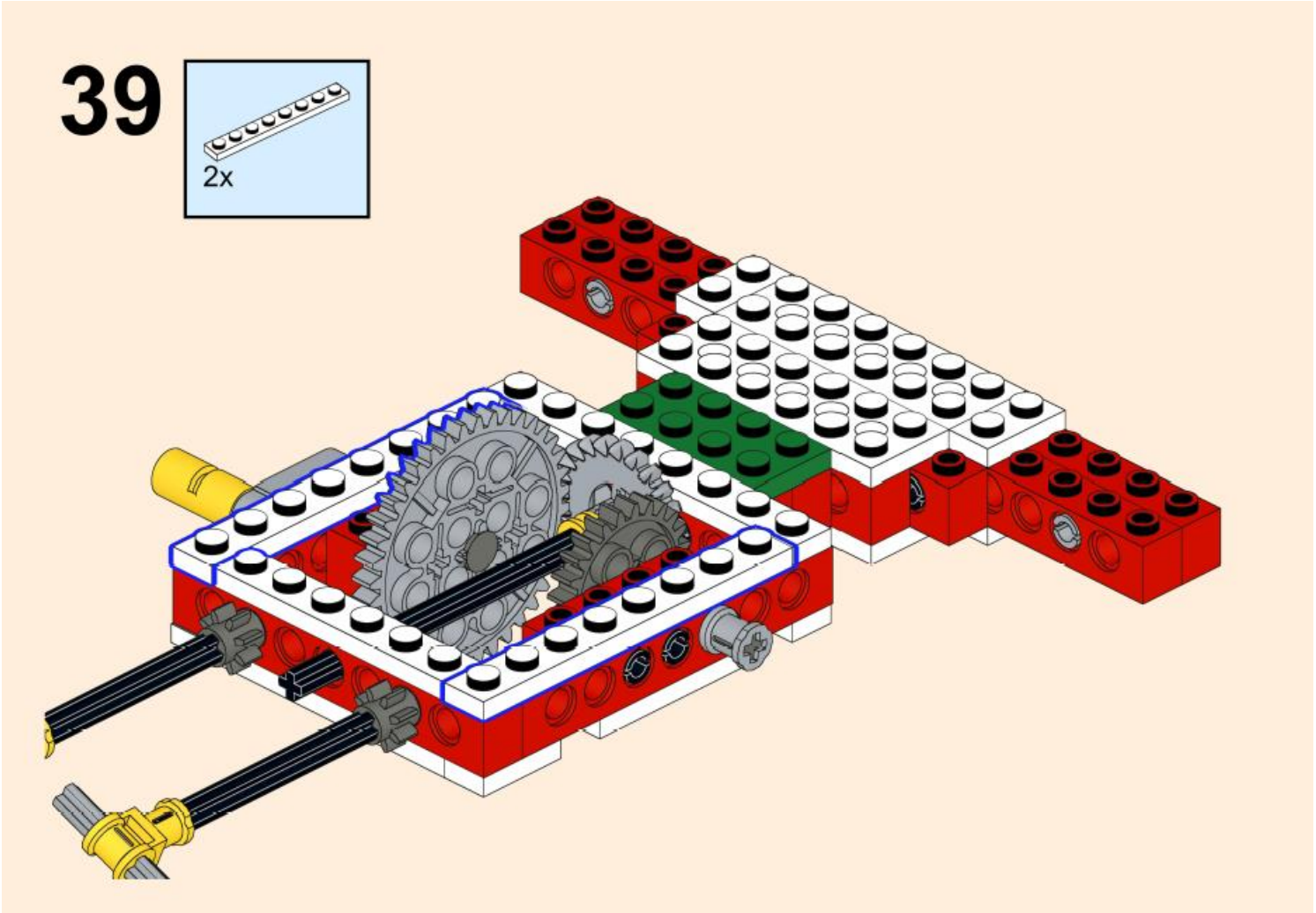
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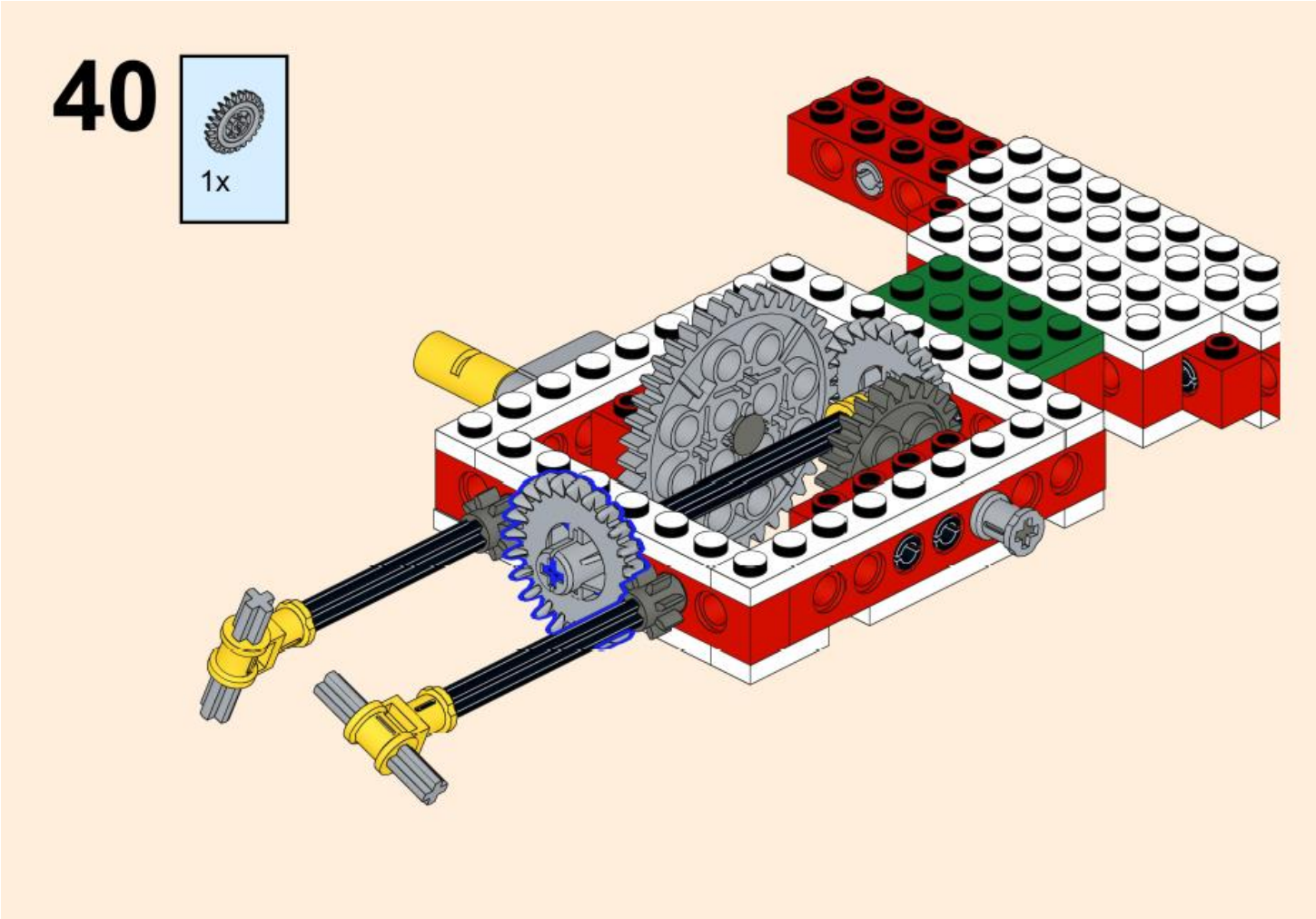
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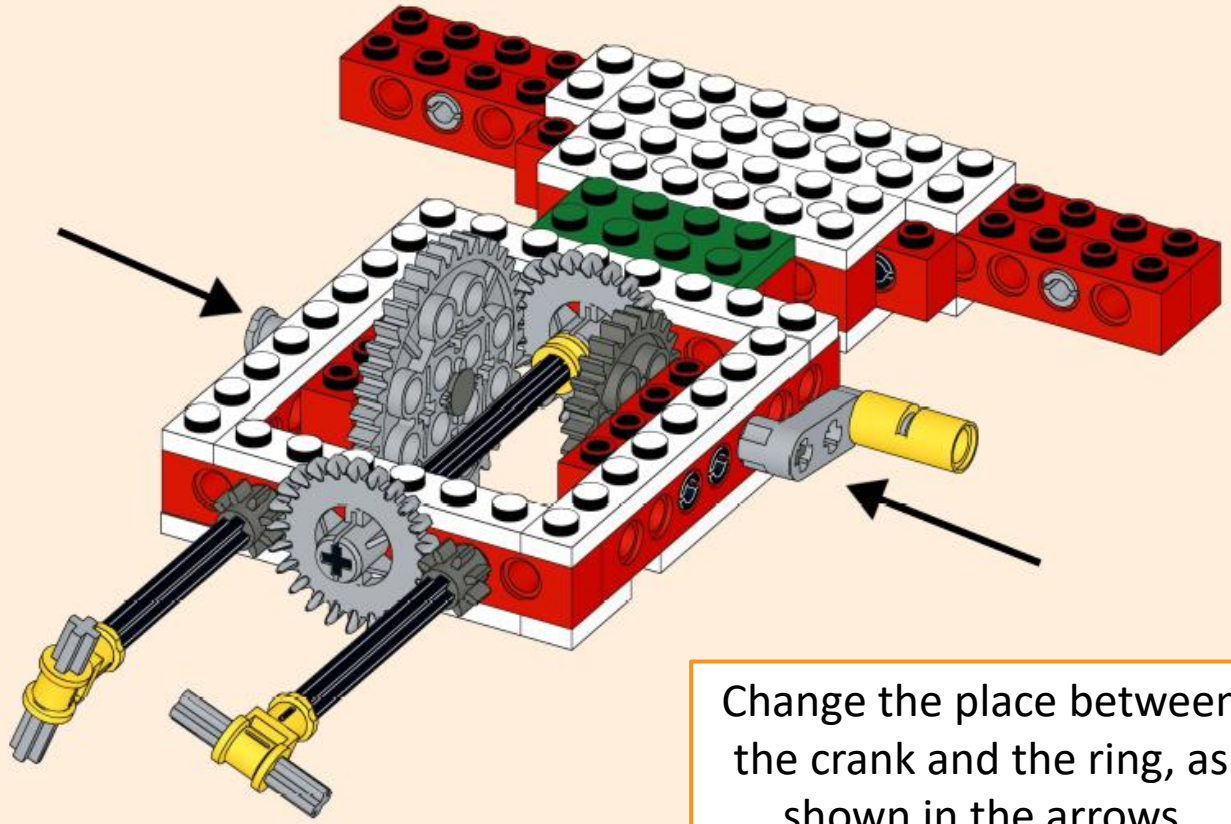
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Change the place between the crank and the ring, as shown in the arrows

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