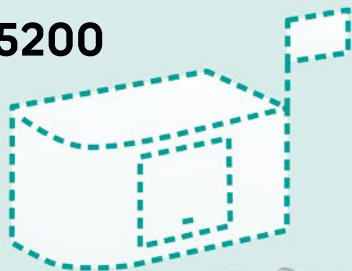




education™

Build Solve Invent™

45200



1

Booklet available in English
Heft in deutscher Sprache erhältlich
Livret disponible en français
Libretto disponibile in italiano
Folleto disponible en español
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如需中文版手冊
Brożura w języku polskim
Brożura je k dispozici v češtině
Brožura je k dispoziciji v slovenščini
Útmutató elérhető magyarul

Буклет доступний англійською мовою
Brošurā disponibīlā īn limba română
Buklets latviešu valodā ir pieejams
Brošūūr on saadaval Eesti keeles
Bukletas lietuvių kalba preinamas



LEGO® Builder



LEGO.com/sustainable-packaging



FR
DONNEZ
OU
RECYCLEZ



OU



OU

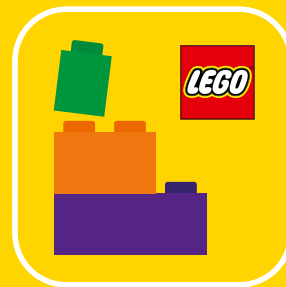


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EN Ask parents' permission before going online I DE Eltern um Erlaubnis bitten, bevor du online gehst I FR Demande l'autorisation d'un parent avant d'aller en ligne I IT Chiedi il permesso ai tuoi genitori prima di andare online I ES Pídeles permiso a tus papás antes de conectarte a Internet I PT Pede autorização aos pais antes de acederes online I ZH 上网前应先征得父母的同意 I PL Poproś rodziców o zgodę, zanim wejdiesz do Internetu I CS Než půjdeš na internet, požádej rodiče o svolení I SK Skôr než pôjdeš na internet, vypýtaj si povolenie od rodičov I HU Kérj szülői engedélyt, mielőtt online csatlakoznál! I UA Запитуйте дозволу батьків, перш ніж користуватися інтернетом I RO Cere permisiunea părinților înainte de a te conecta online I BG Поискайте разрешение от родители, преди да влезете онлайн I LV Pirms došanās tiešsaistē palūdz atļauju vecākiem I ET Enne Interneti kasutamist küsi vanematelt luba I LT Prieš prisijungdami prie interneto, atsklauskite tėvų



Hey!

At LEGO® Education, we ignite curiosity and empower children to take learning into their own hands. For more than 40 years, LEGO Education has offered experiences that combine the vision of the LEGO Group for learning through play with a deep understanding of the world of education.

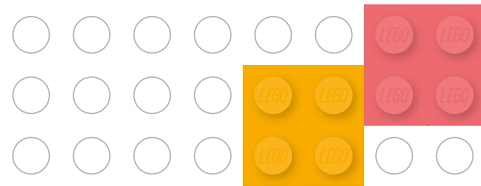
We know that children learn best through hands-on, playful experiences. **What if you had the power to help take their learning even further?** By inspiring wonder, encouraging their ideas and letting them explore their own solutions, we create space for their confidence and resilience to develop and shine.

Each of the experiments in this box has 3 phases of play: Build, Solve and Invent.

Your child will:

Build an exciting LEGO model that establishes the context for the activity, **Solve** the activity their own way using problem-solving skills and **Invent** a creation that takes their creativity even further.

By sparking joy in children's learning and helping them to develop critical skills, we inspire a new generation to take on tomorrow and rebuild the world one LEGO brick at a time.







What does a rocket need to land safely on the moon?



This Physical Science experiment focusses on stability and how an object stays standing on a surface, especially one that is uneven. As well as strong legs for stability, the object's centre of mass needs to fall within its footprint. Otherwise, the object falls over.

A rocket heading to the Moon has thrusters, sensors and lasers to help it land safely. Rocket engineers include supports that help the rocket land upright on the Moon's dusty and uneven surface.



Build

Build: Build a rocket that takes off from Earth and tries to land on the Moon.



Solve

Solve: Create landing legs for the rocket so it can land upright on the Moon's surface.

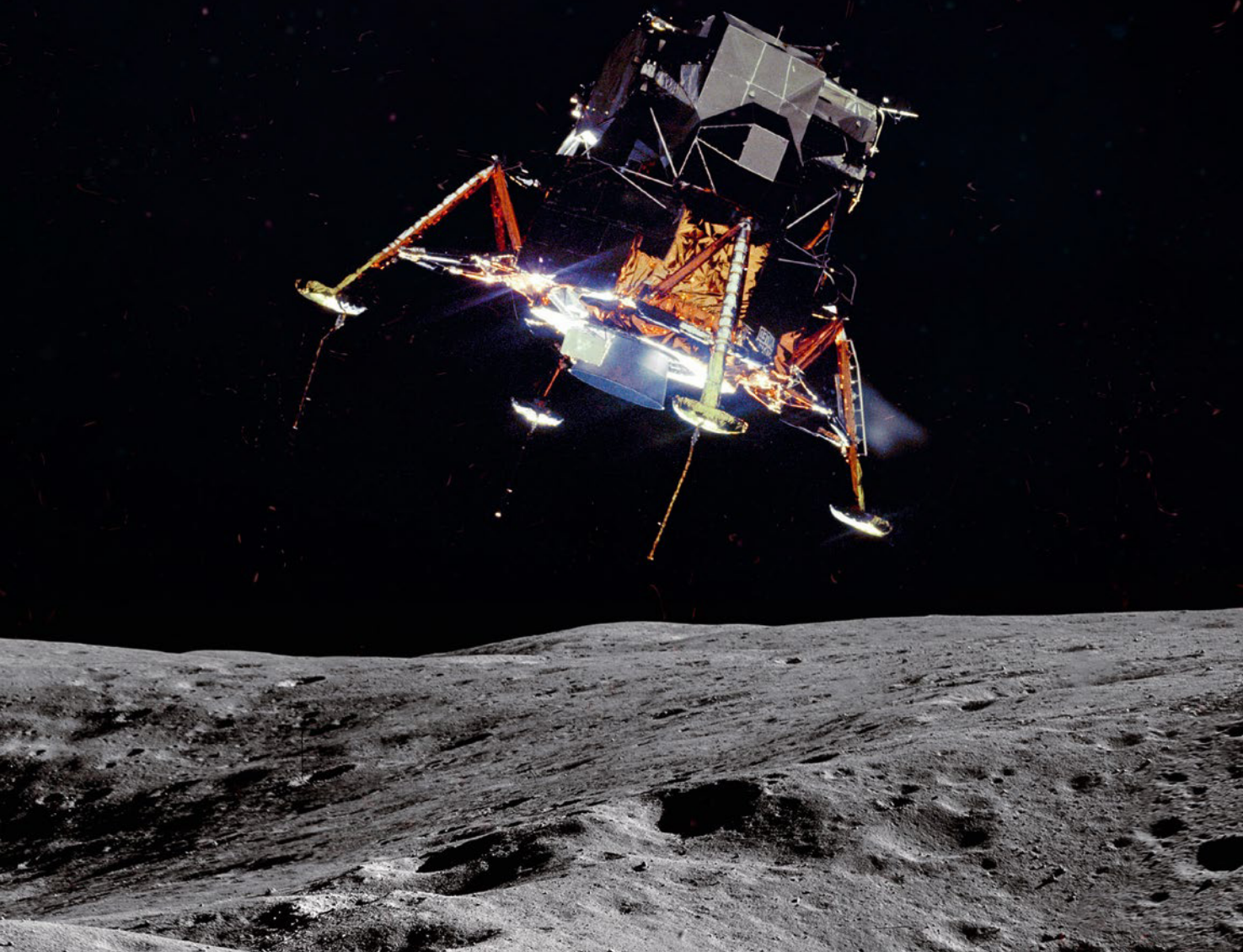


Invent

Invent: Design living quarters for the astronaut using lunar rocks.

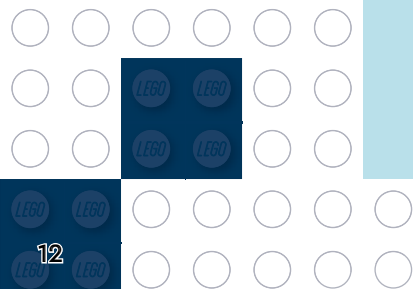
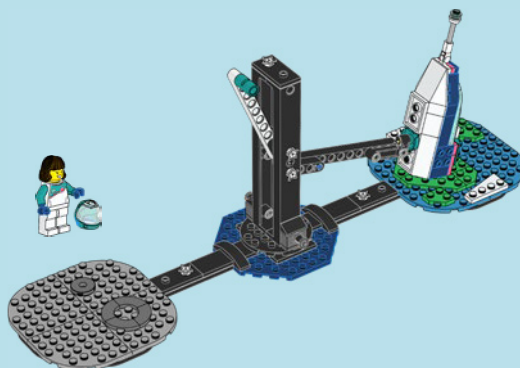
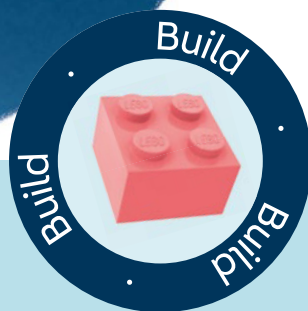
You can support learning and spark curiosity by asking questions such as:

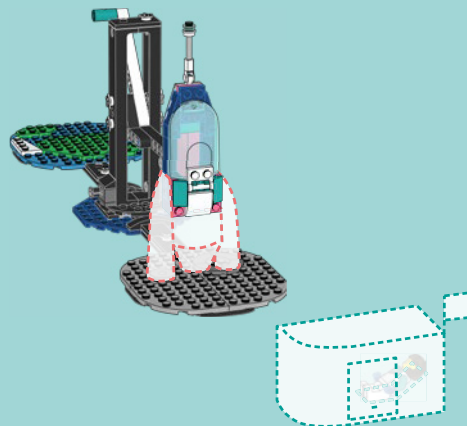
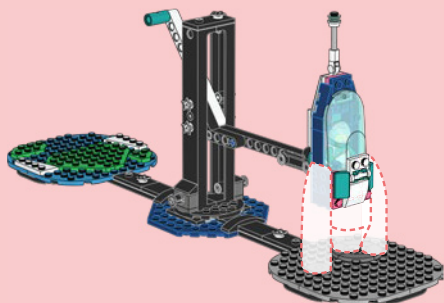
- How did you ensure the rocket landed safely?
- What did you put in the astronaut's new home?
- How do you think real rockets take off and land?

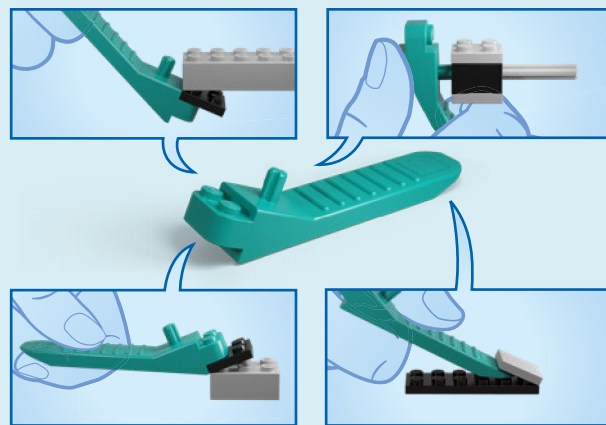
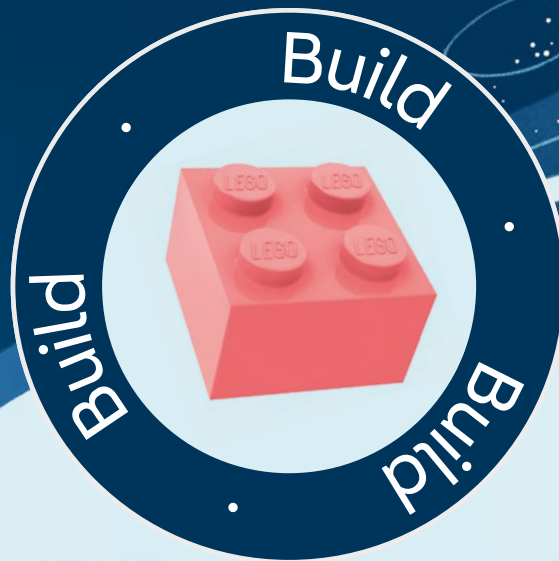




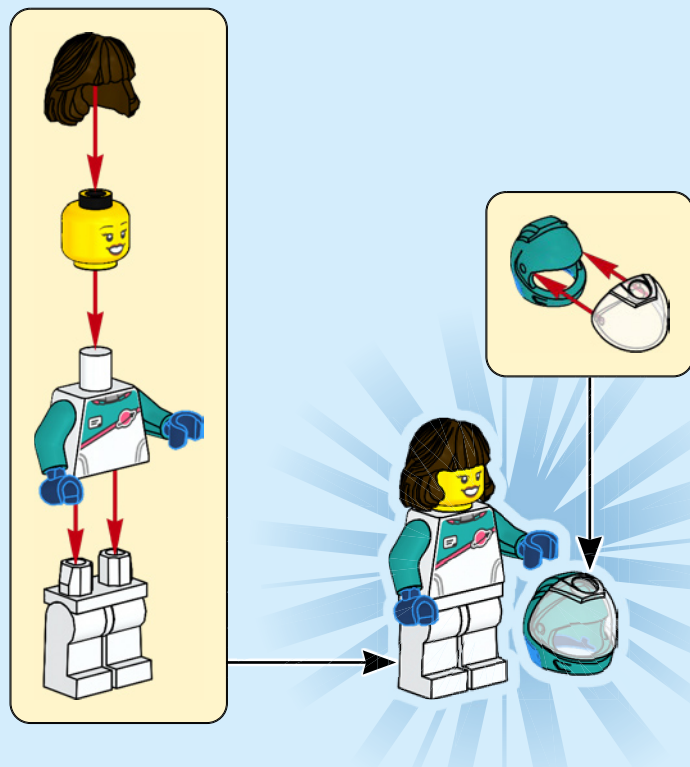
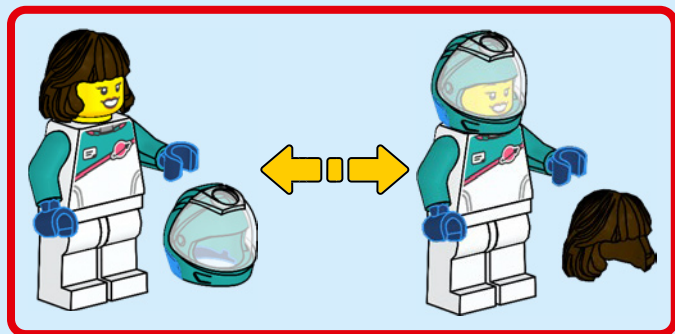


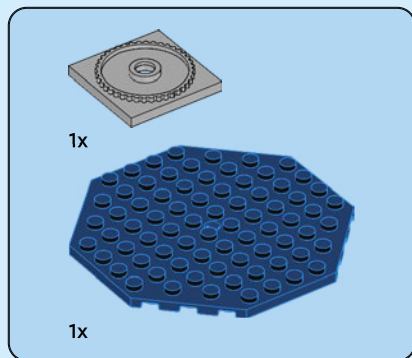




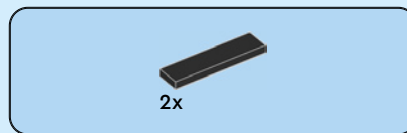
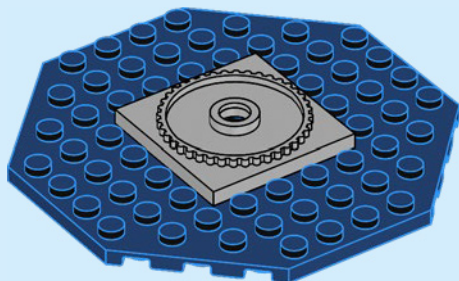




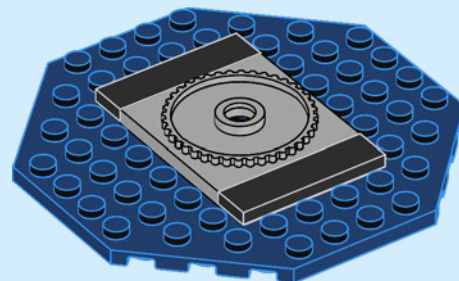


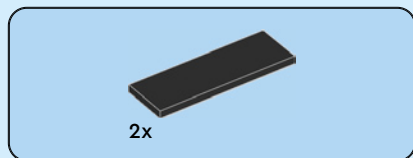


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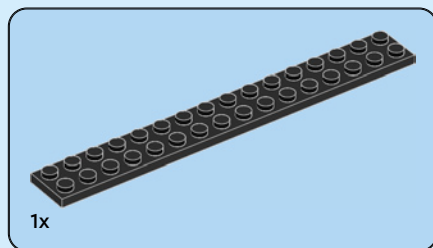
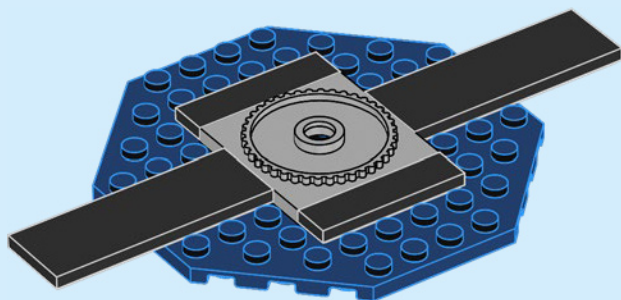


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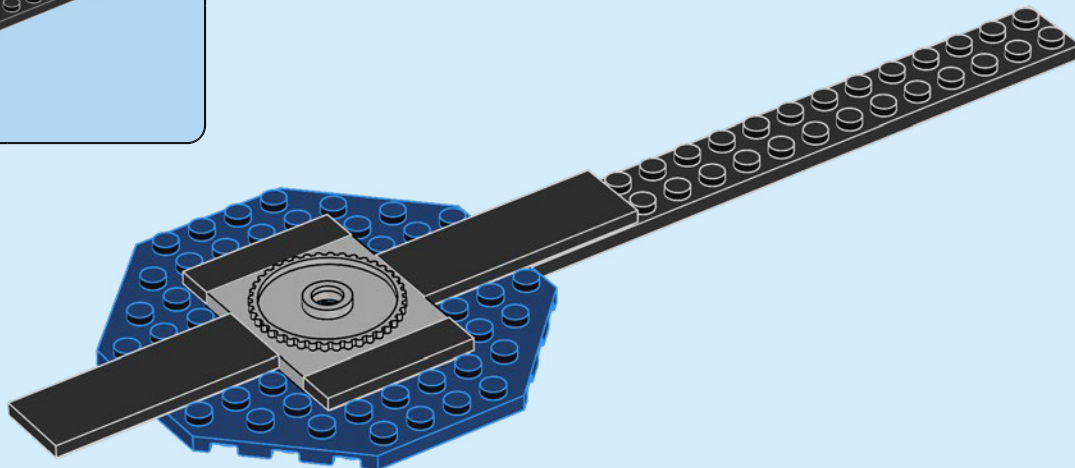


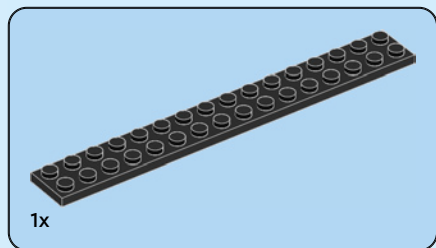


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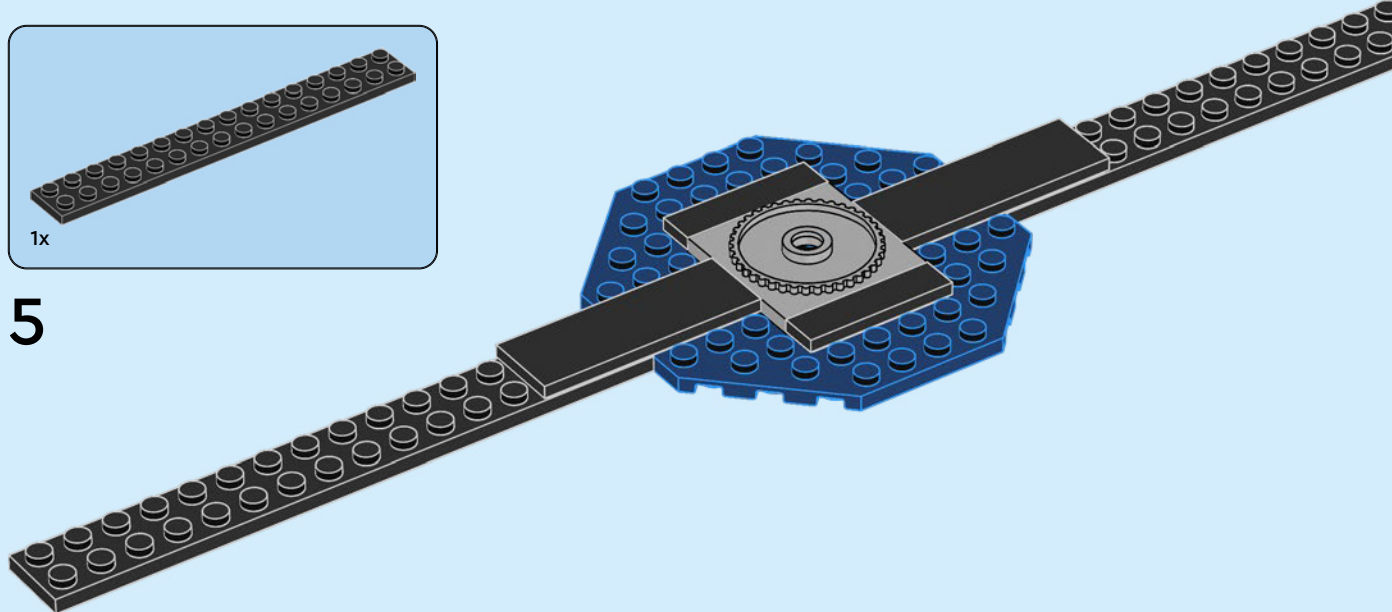


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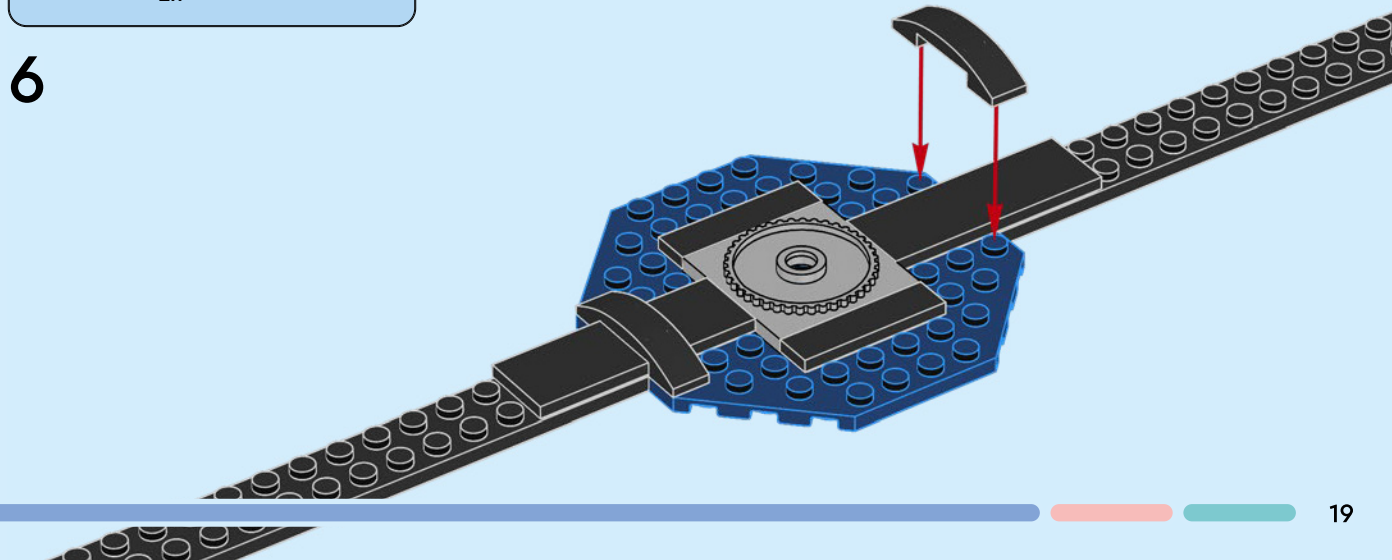


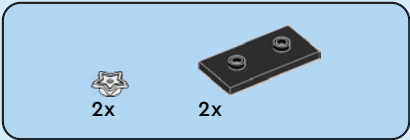


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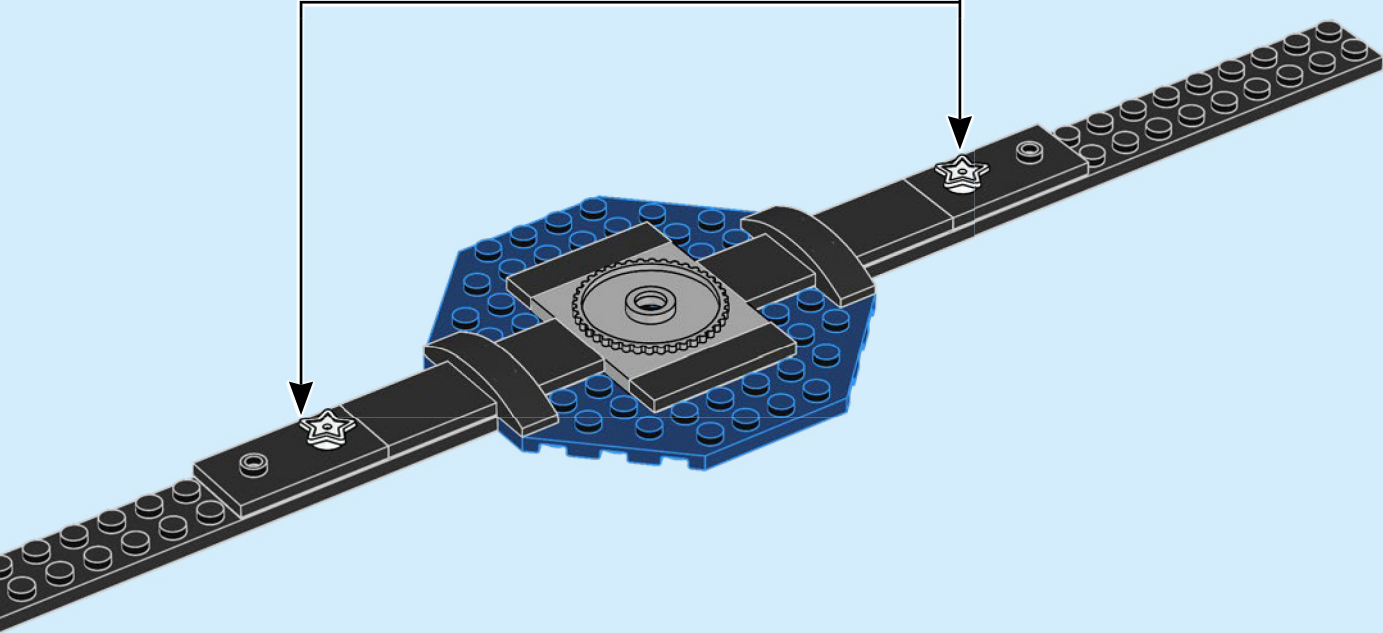
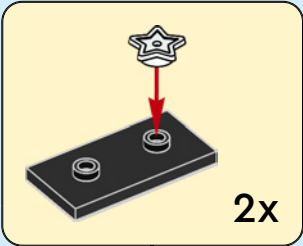


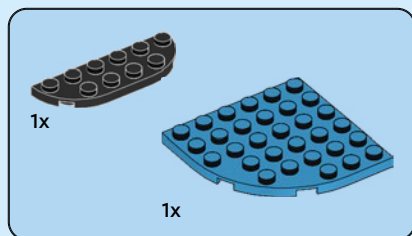
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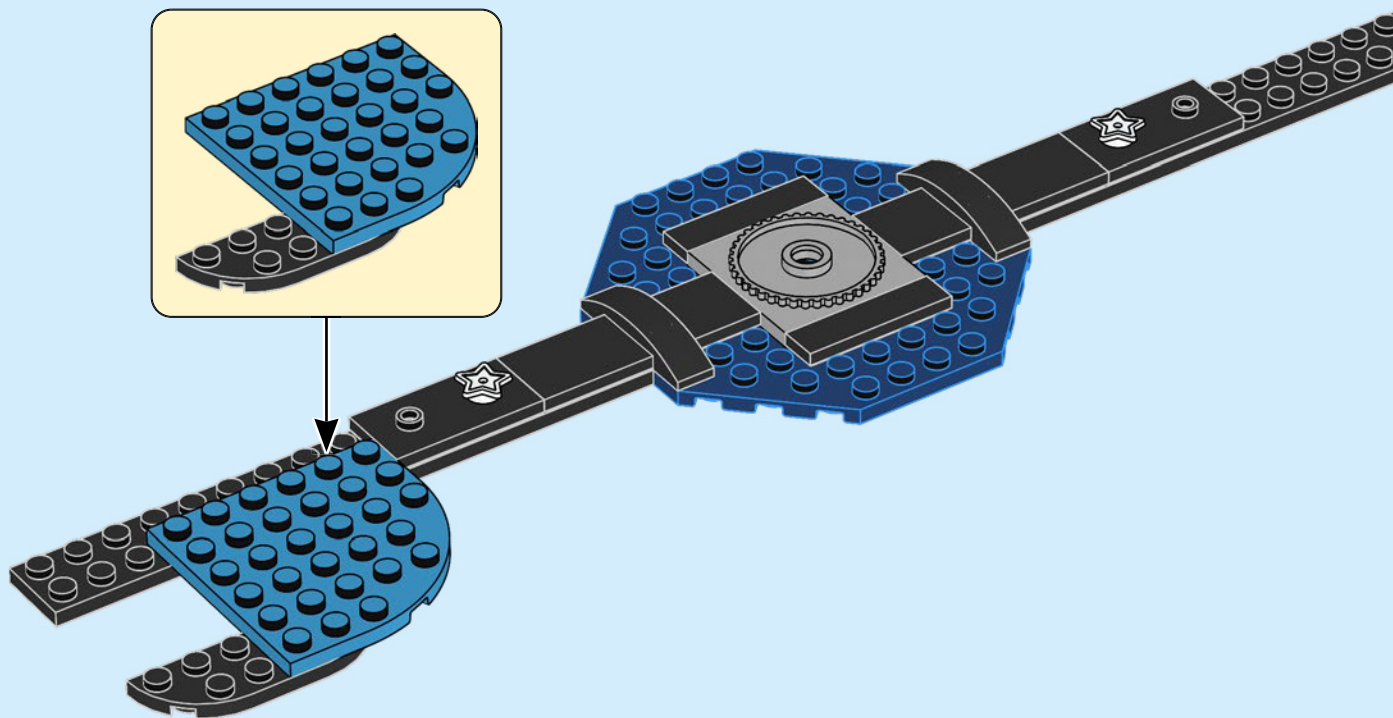


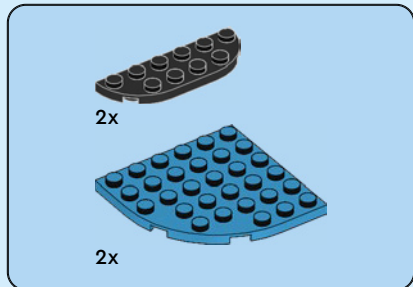
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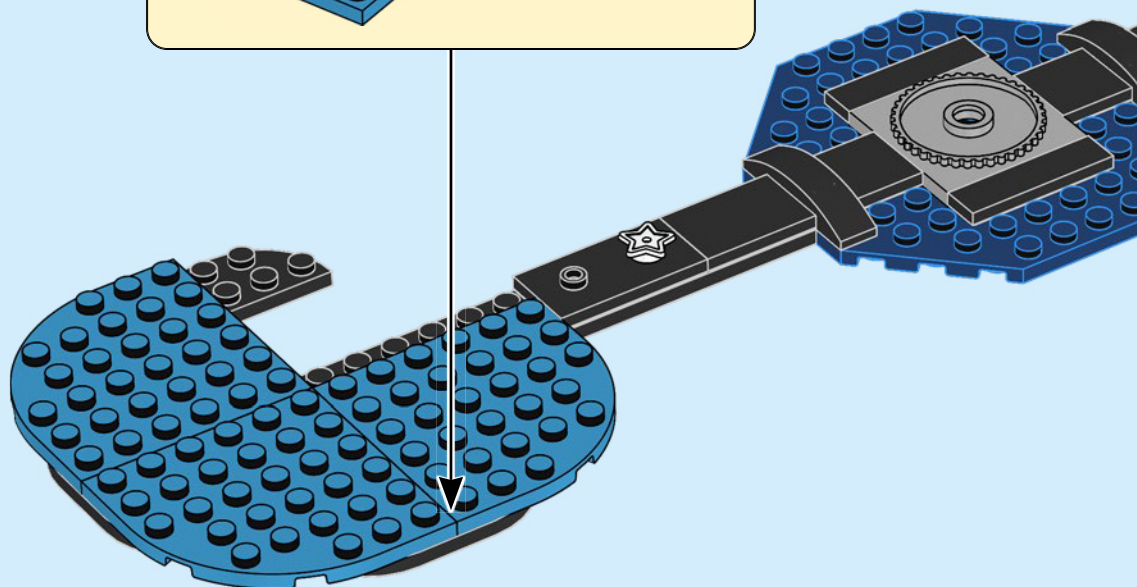
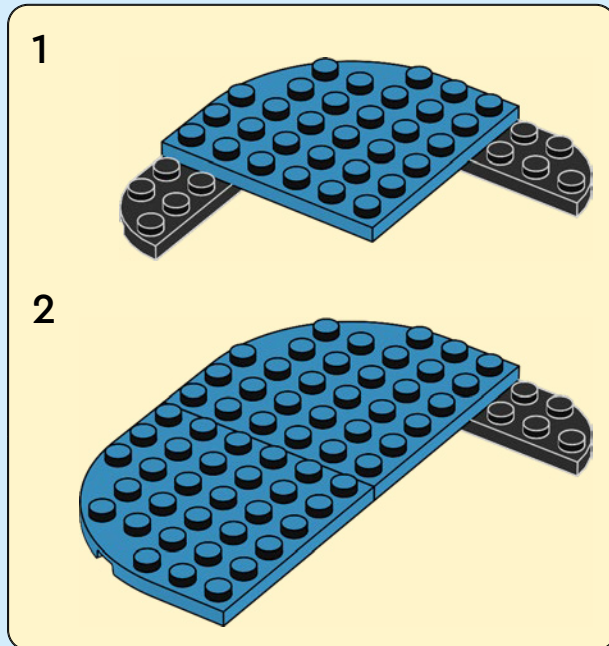


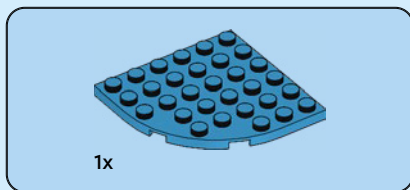
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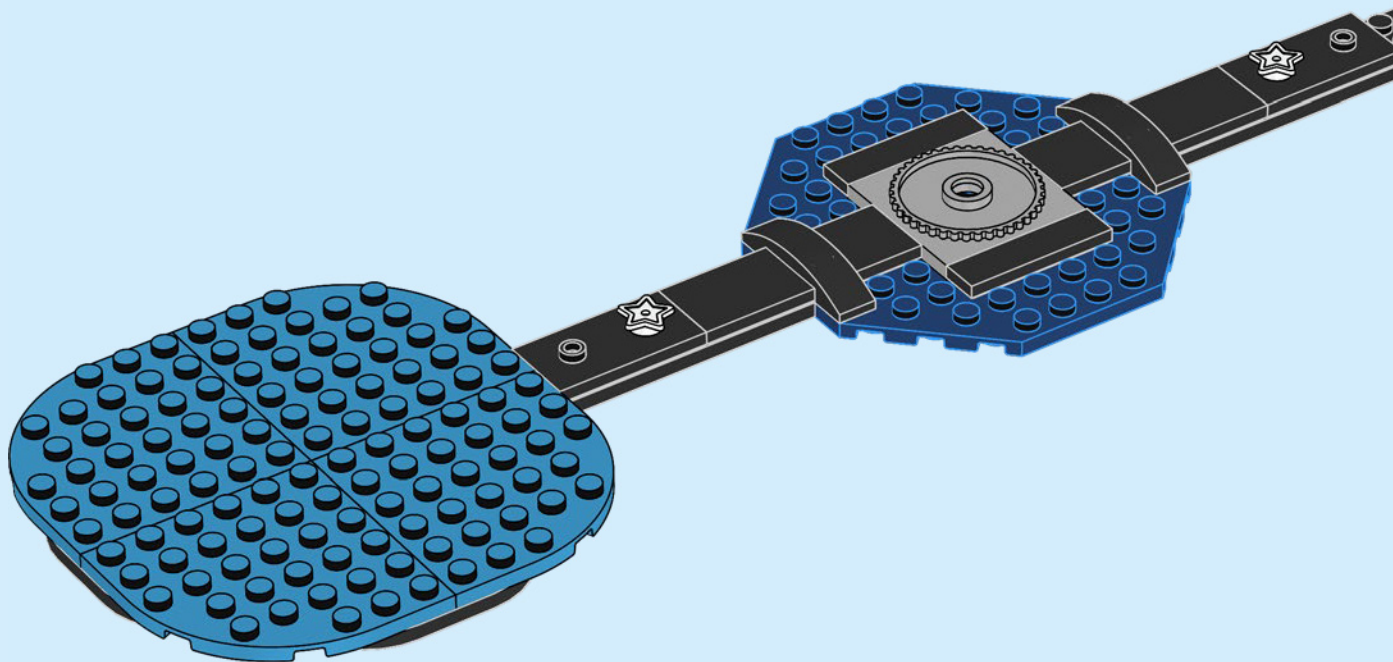


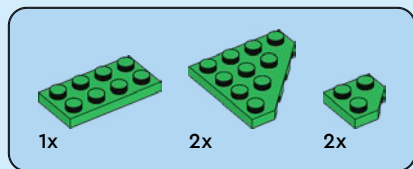
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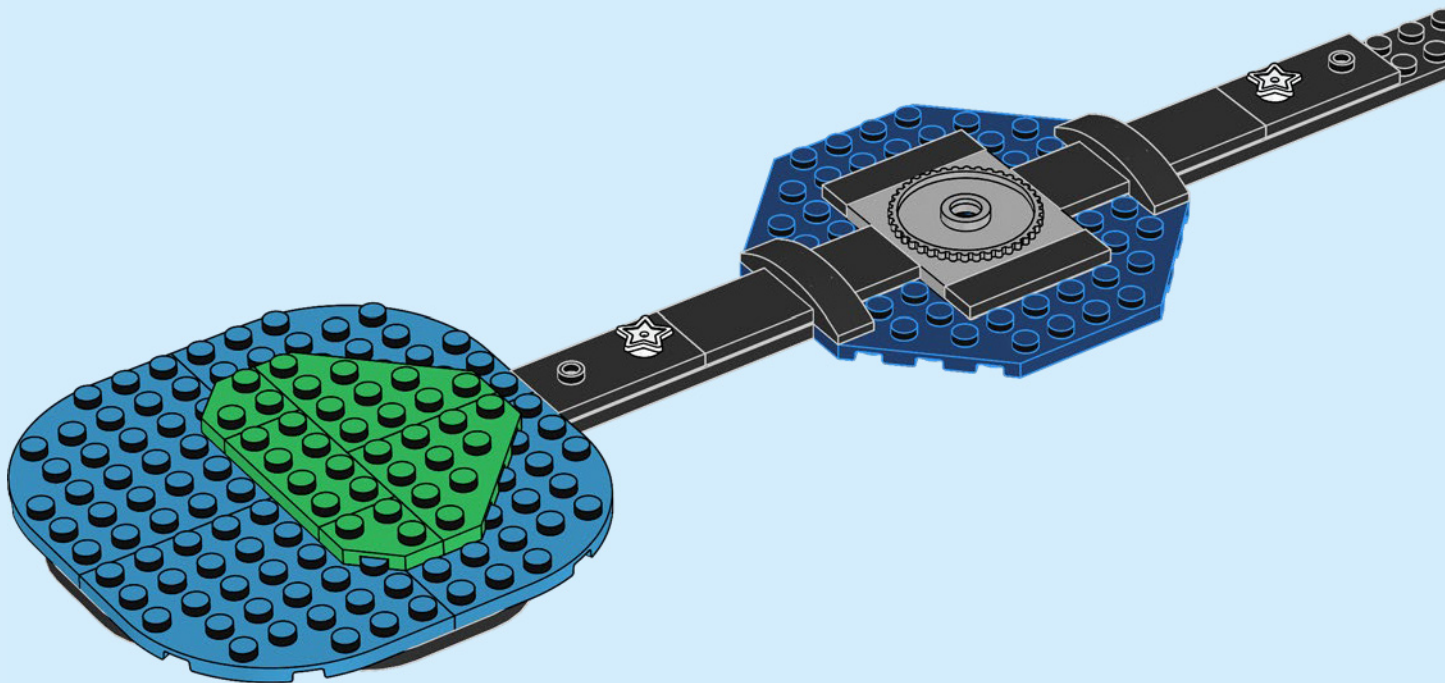


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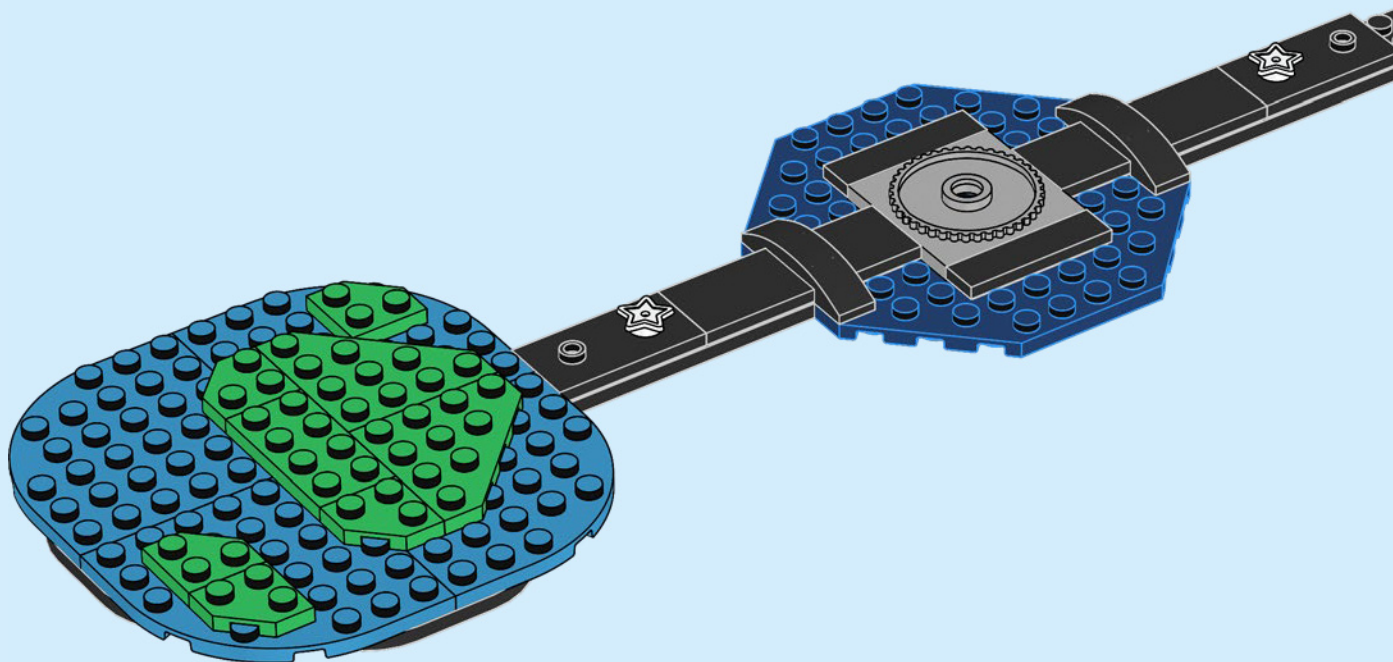
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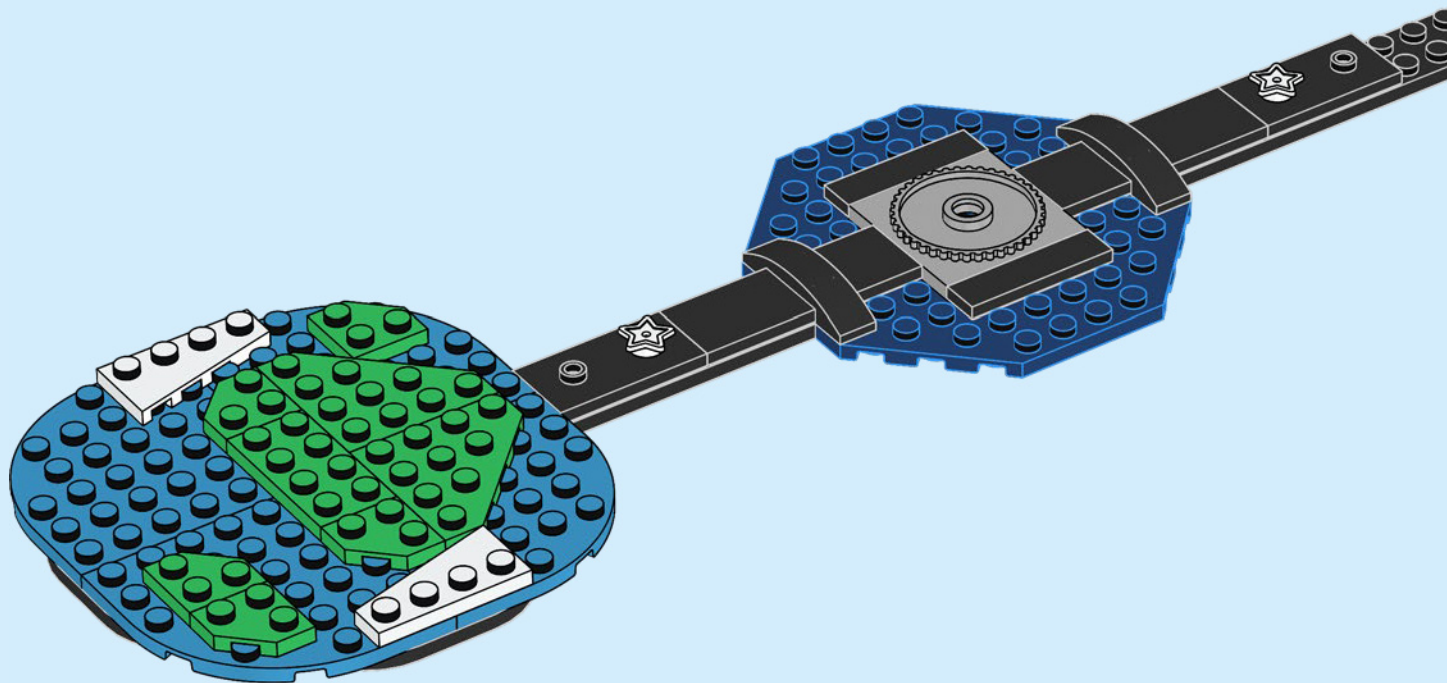
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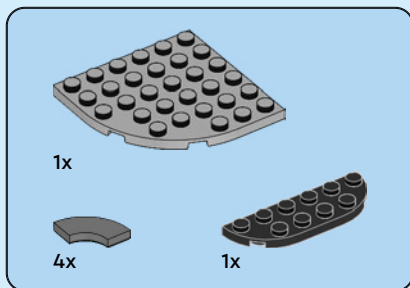




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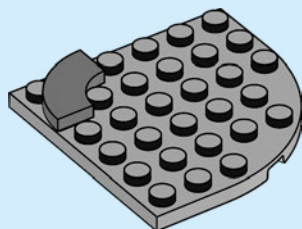
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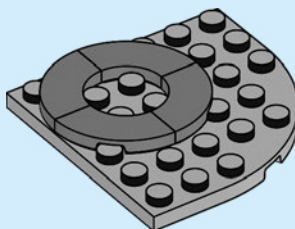


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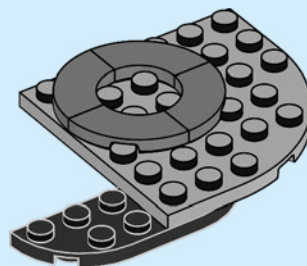
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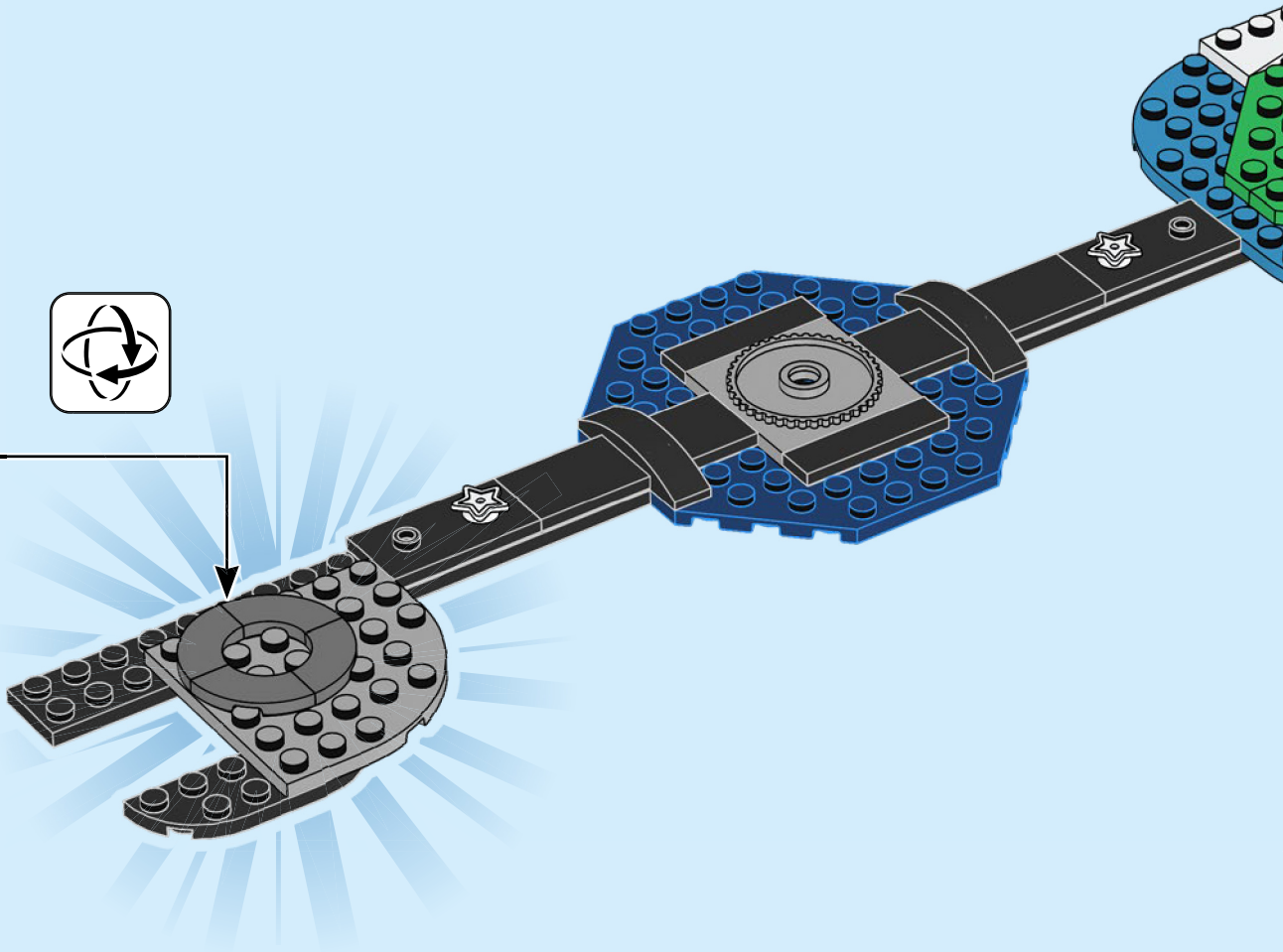


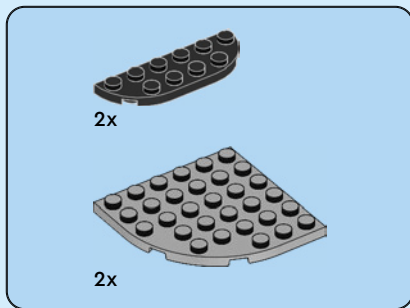
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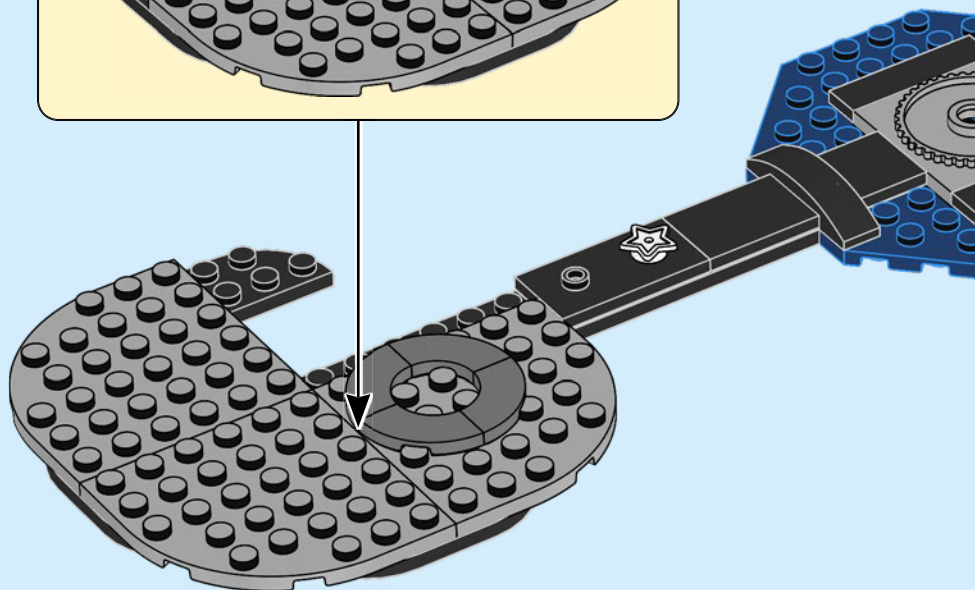
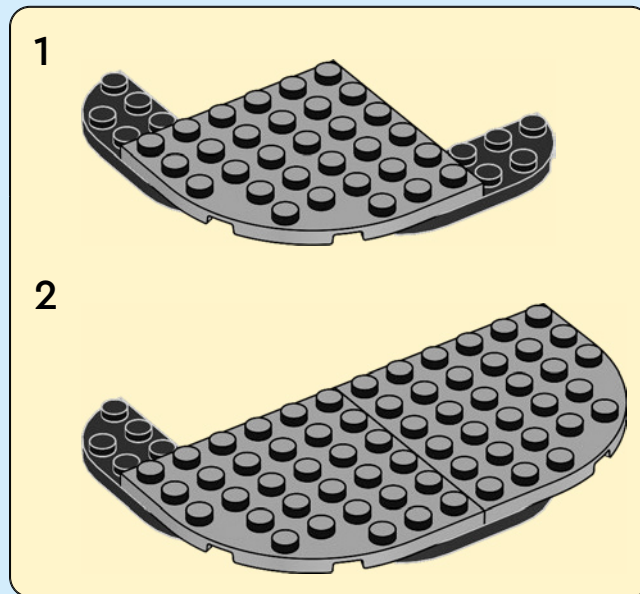
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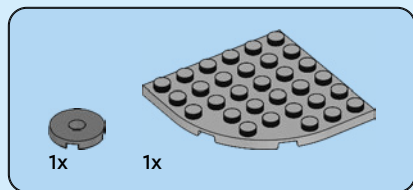




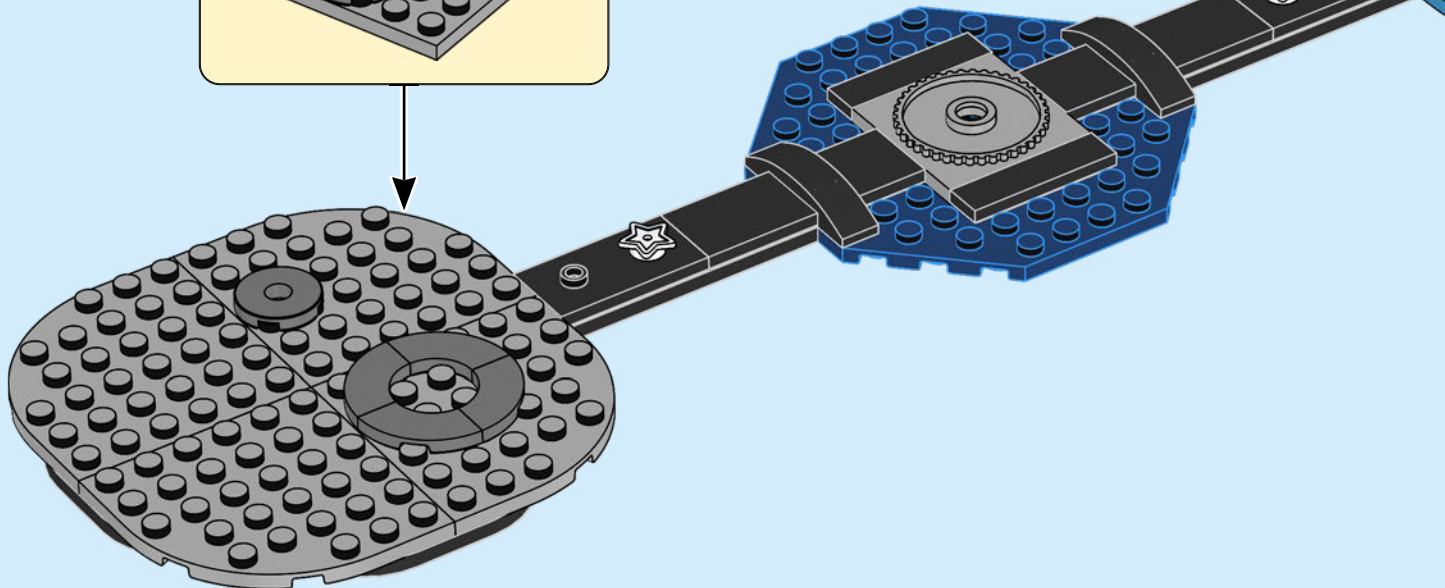
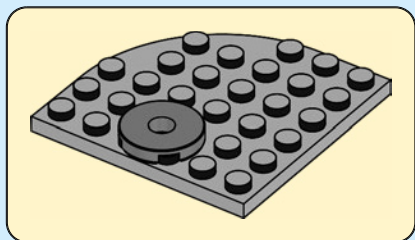


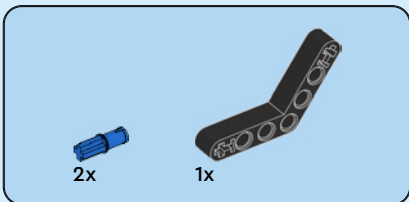
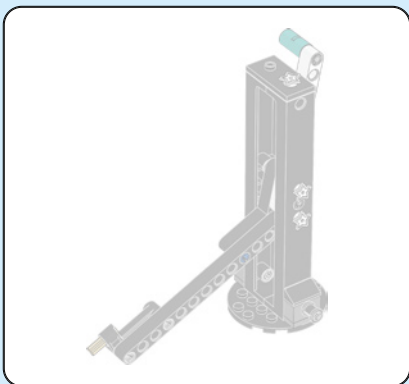
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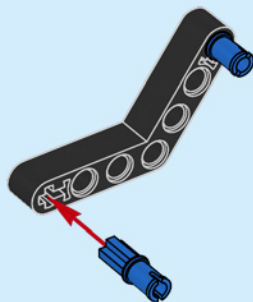


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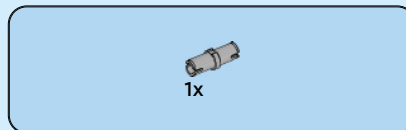
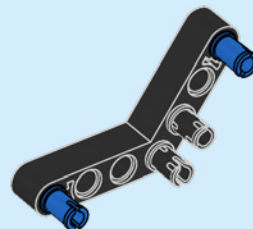




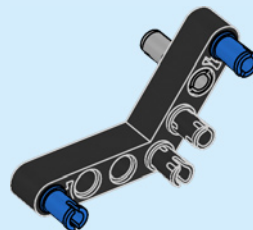
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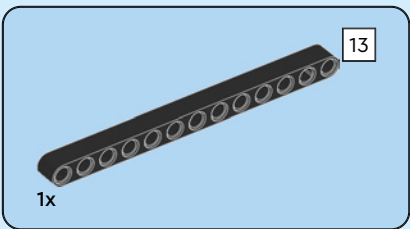


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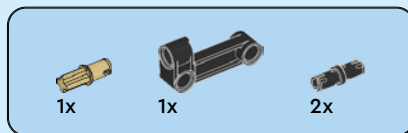
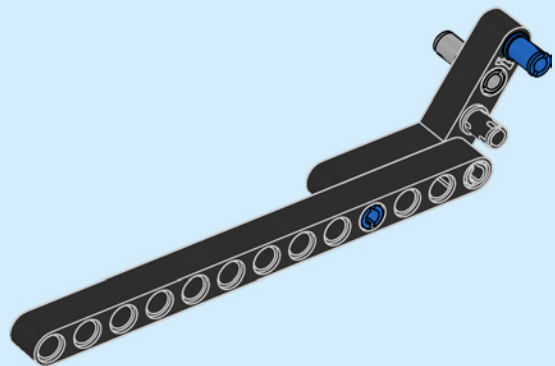


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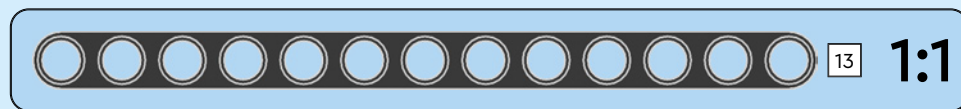
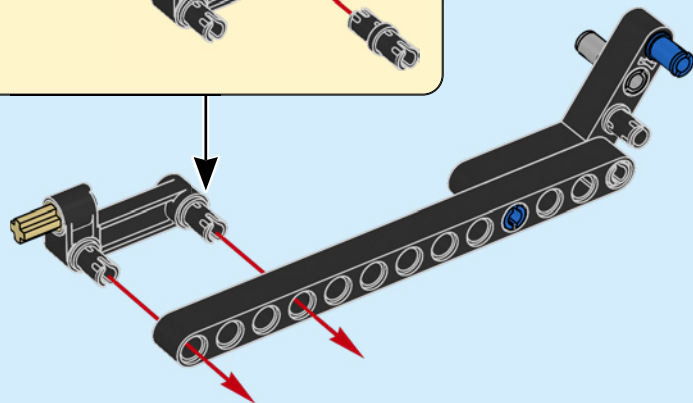
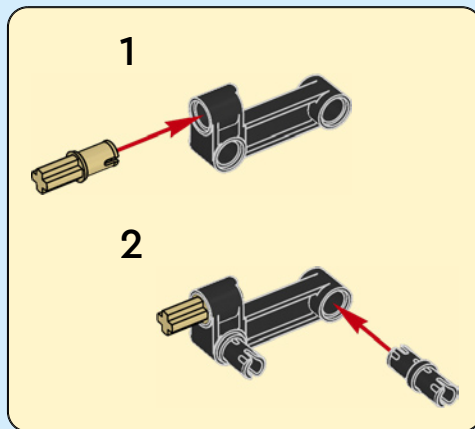


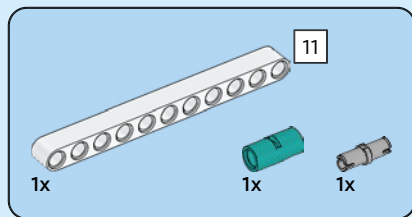


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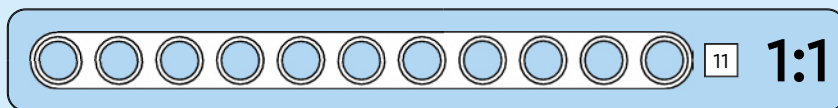
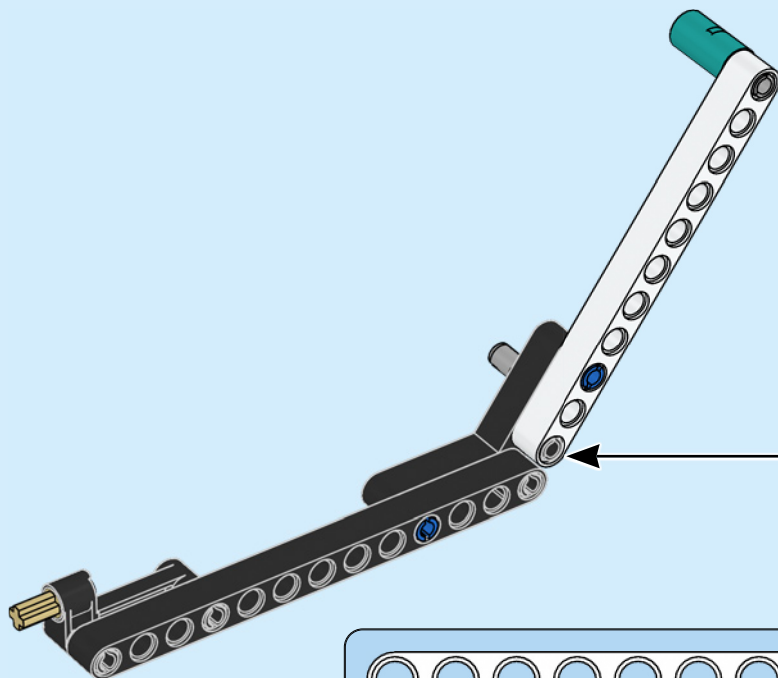
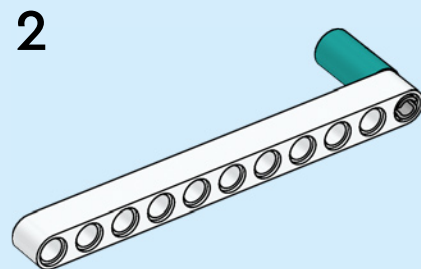
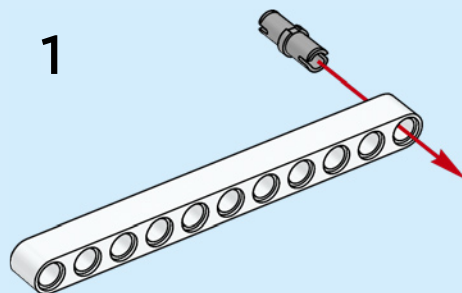


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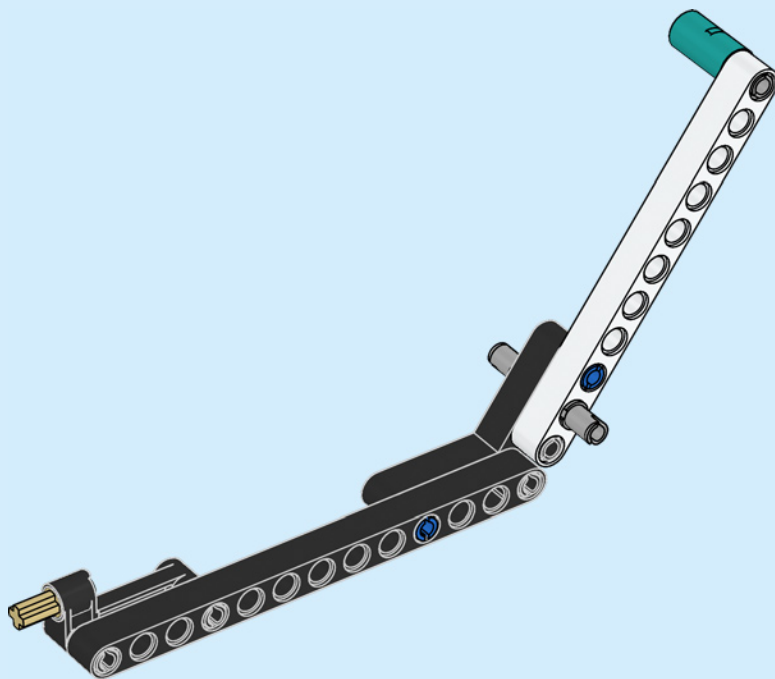


22





23





2x



4x



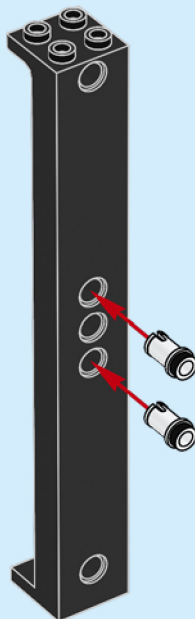
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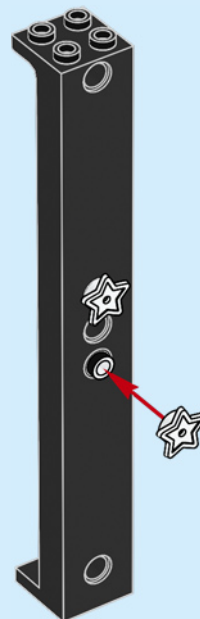
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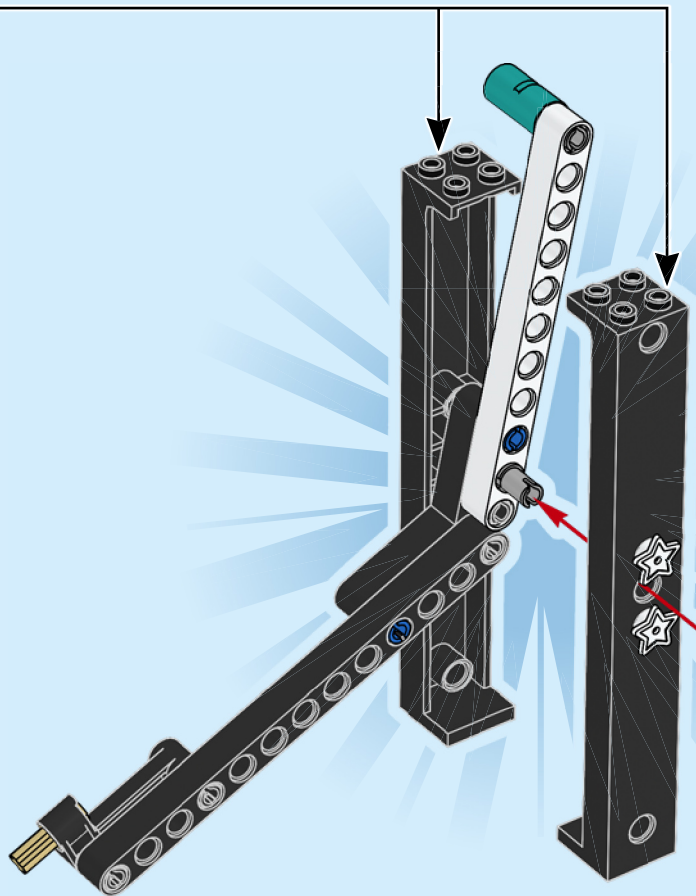
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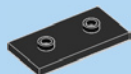


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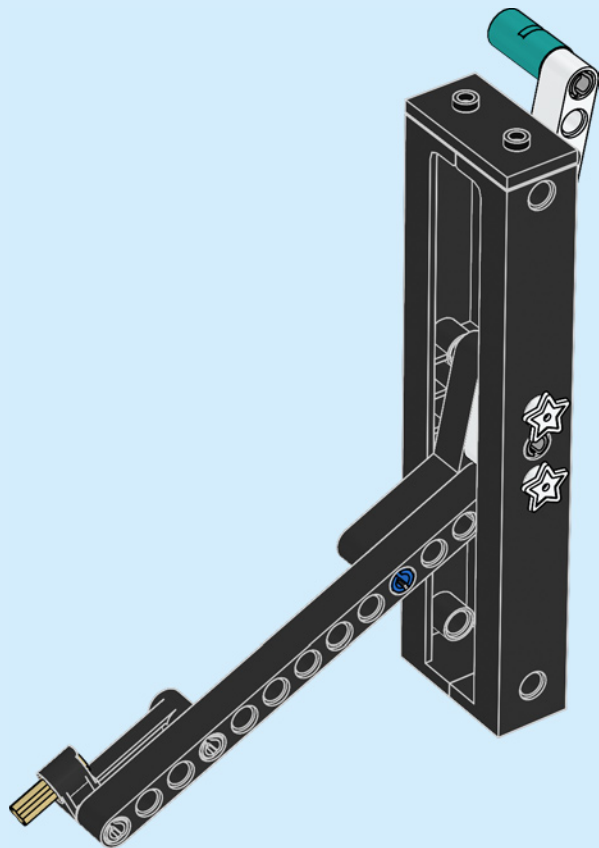
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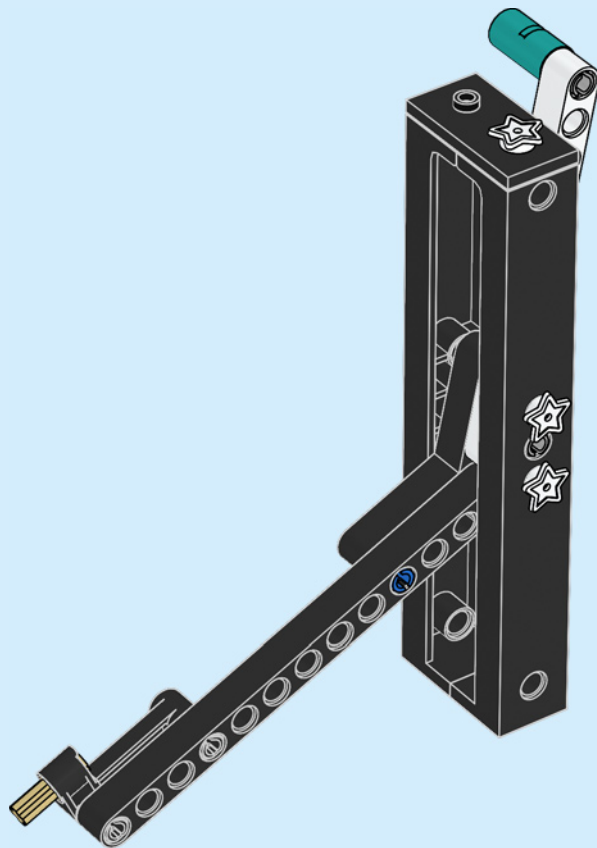
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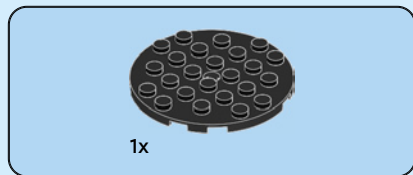
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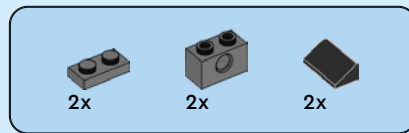
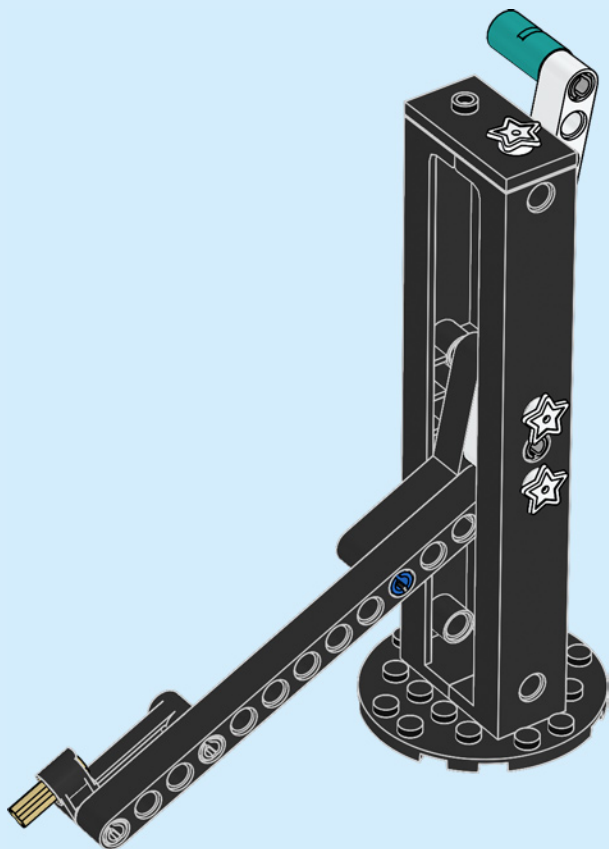
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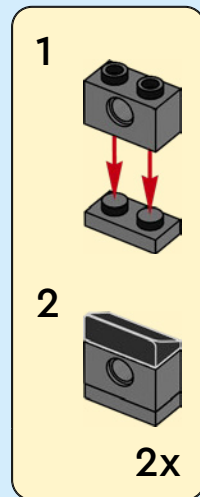
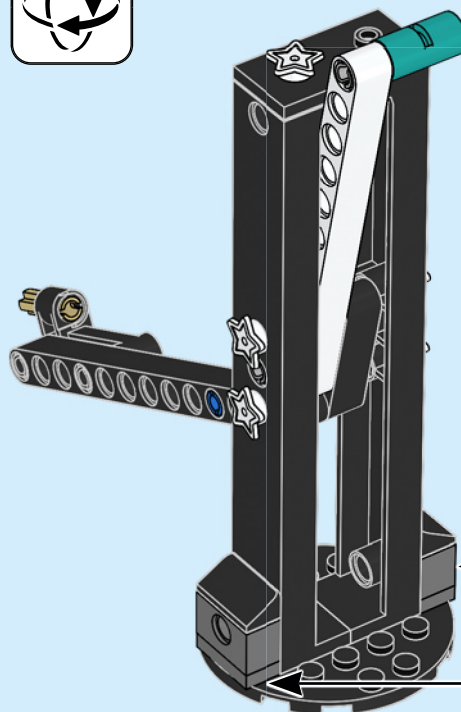




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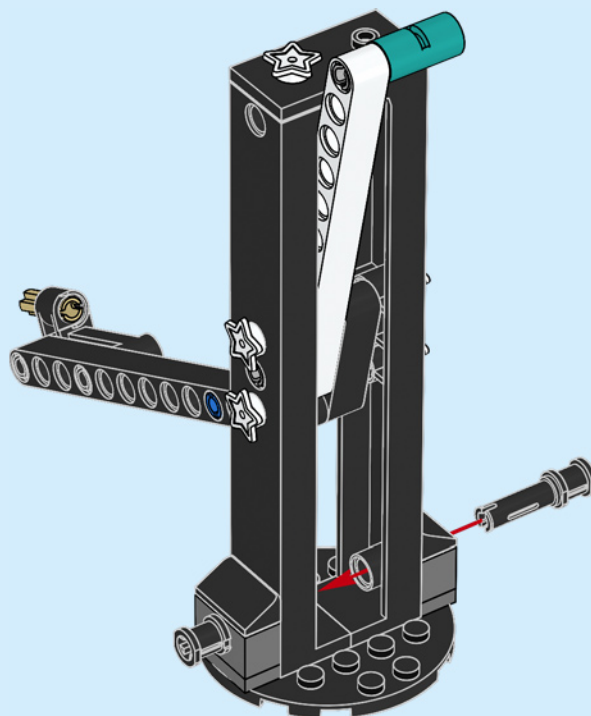
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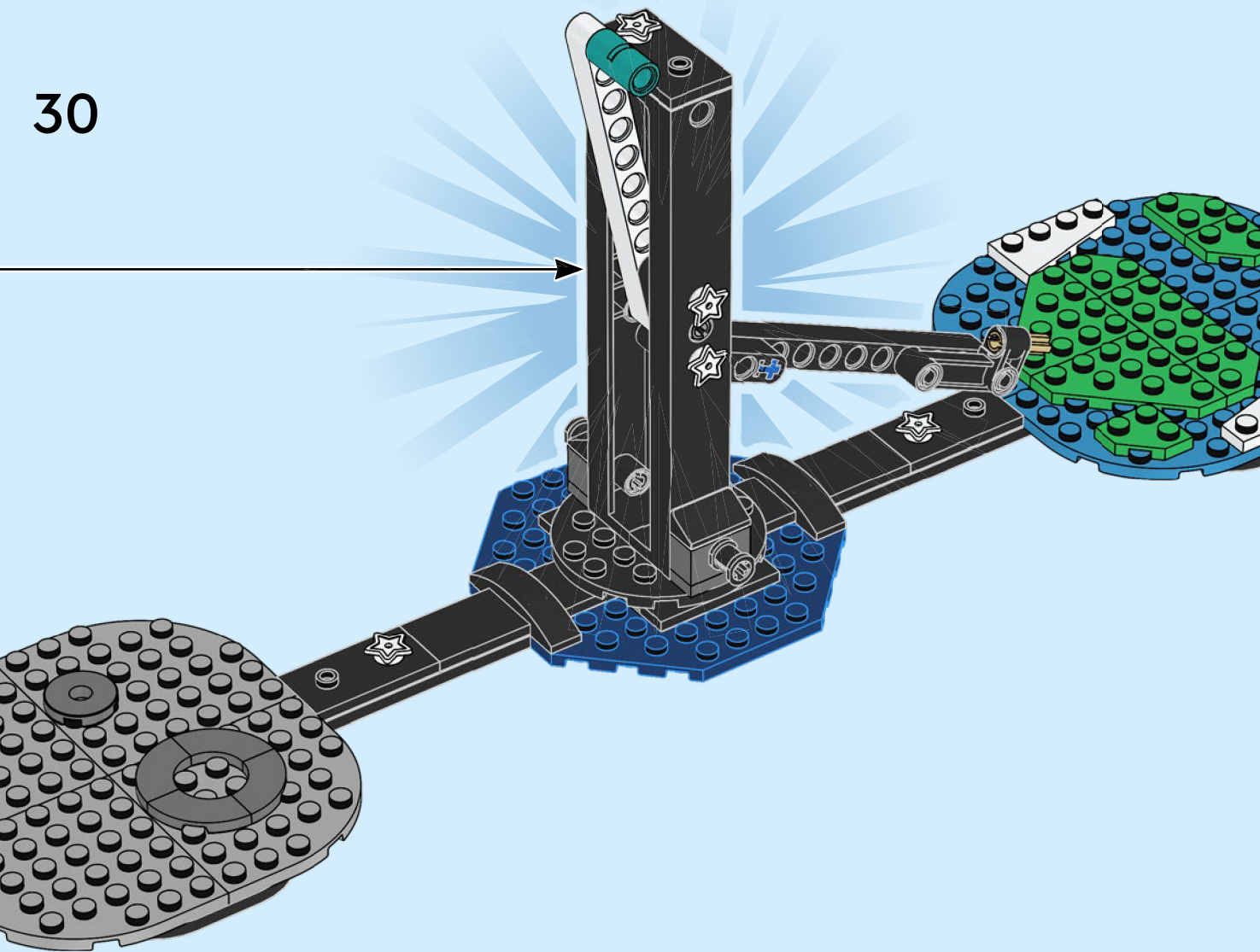


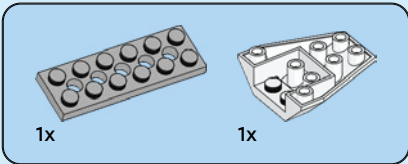
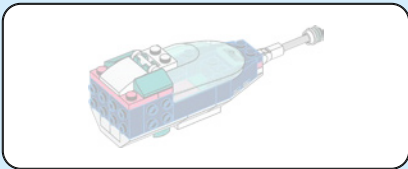
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29

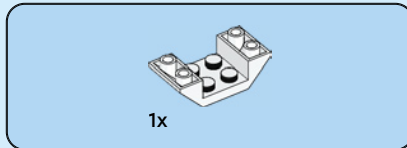
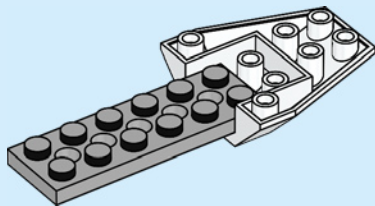


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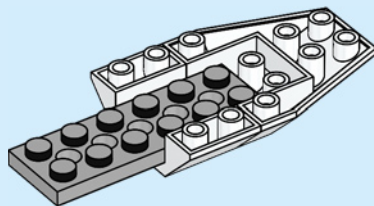


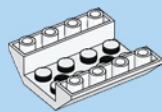


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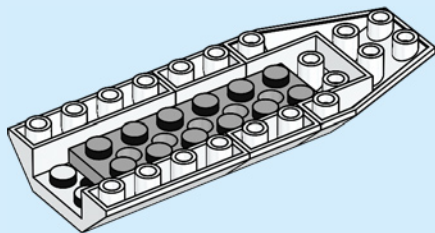
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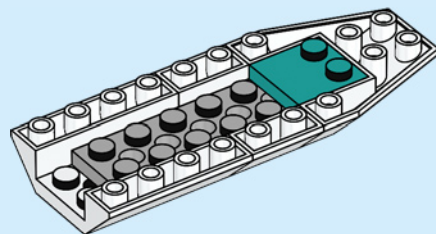
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33



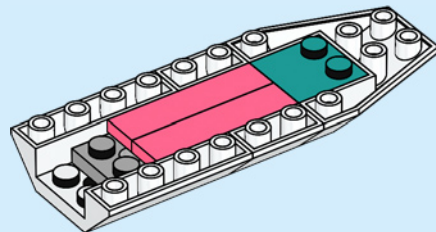
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34



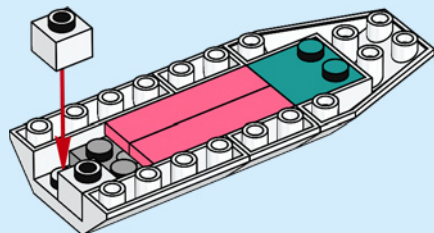
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35

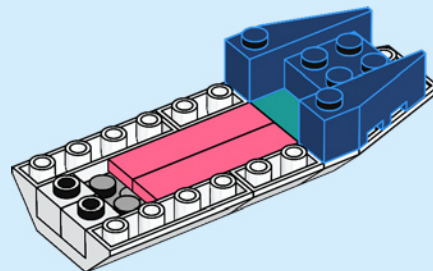




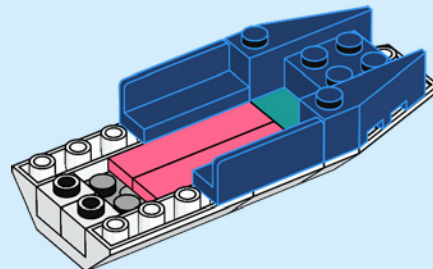
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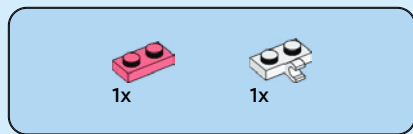


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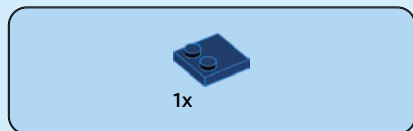
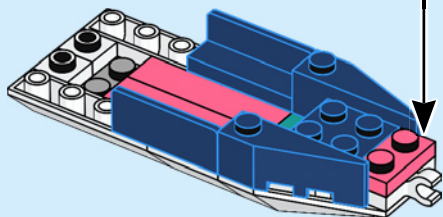
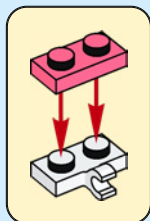


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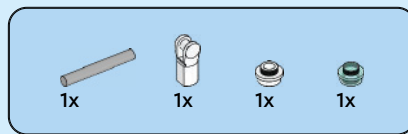
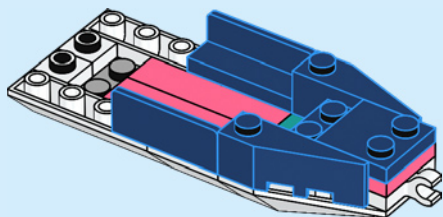




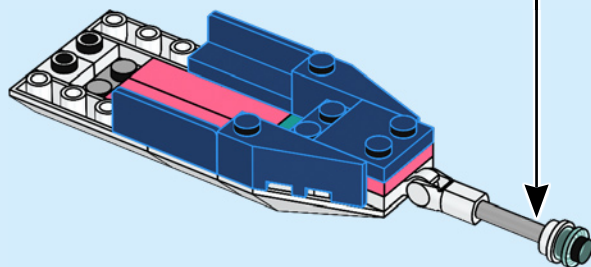
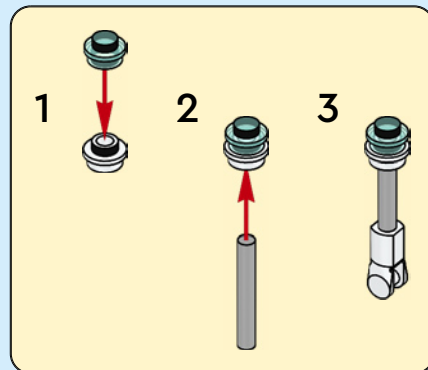
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40



41



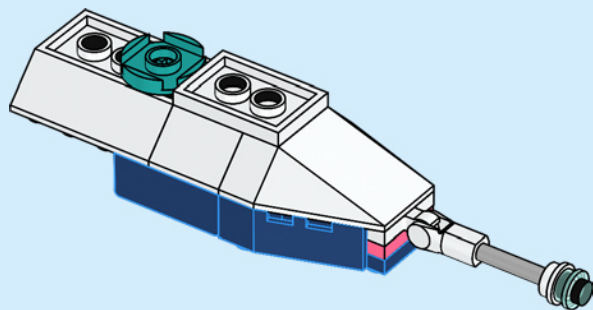


1x



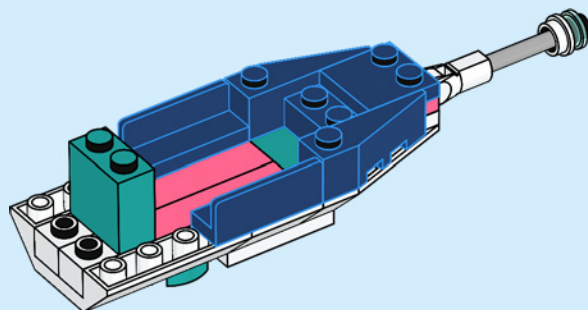
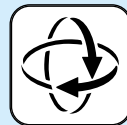
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42



1x

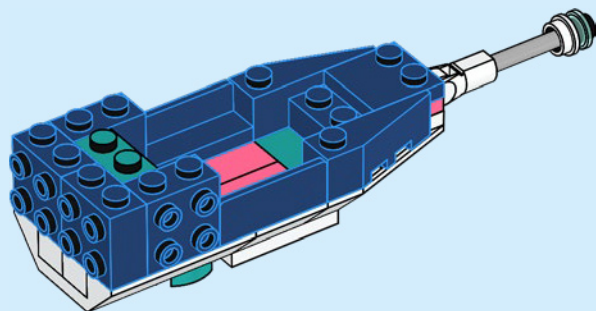
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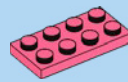


4x

44

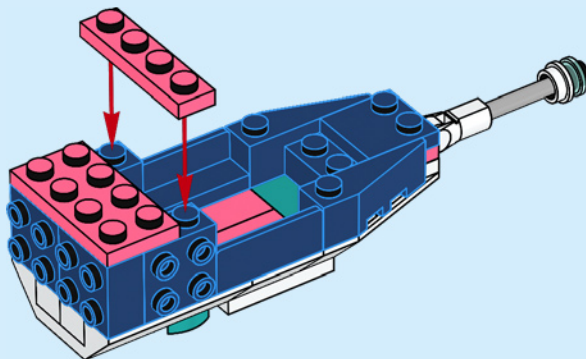


1x



1x

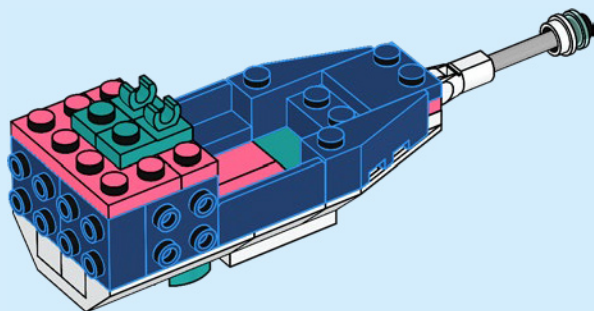
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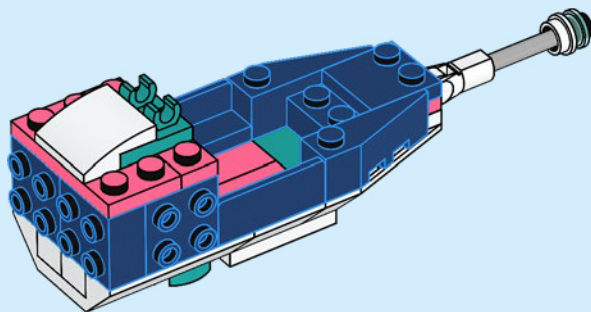
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46



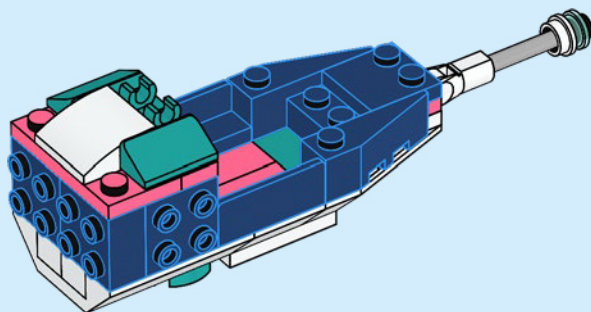
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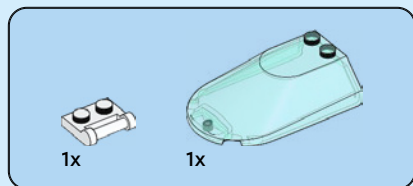
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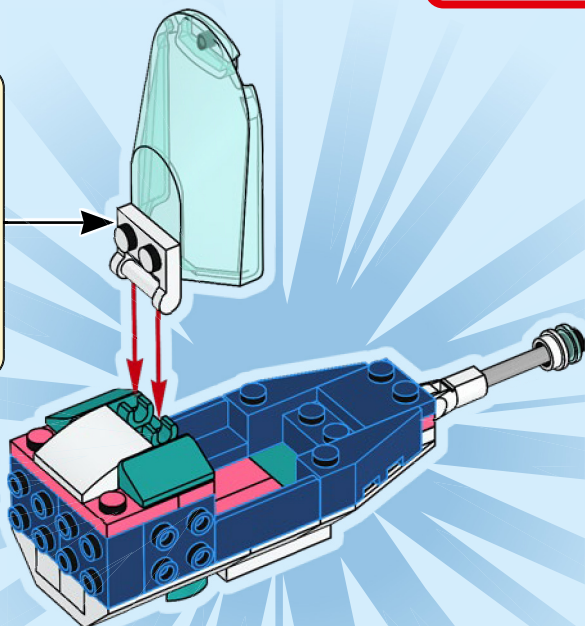
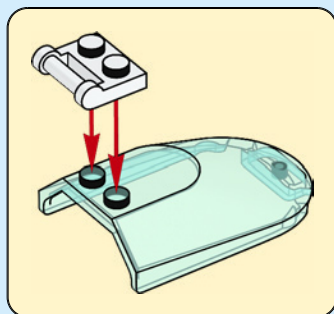
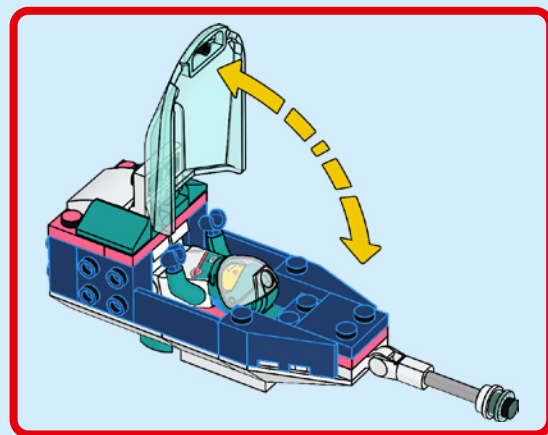
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48

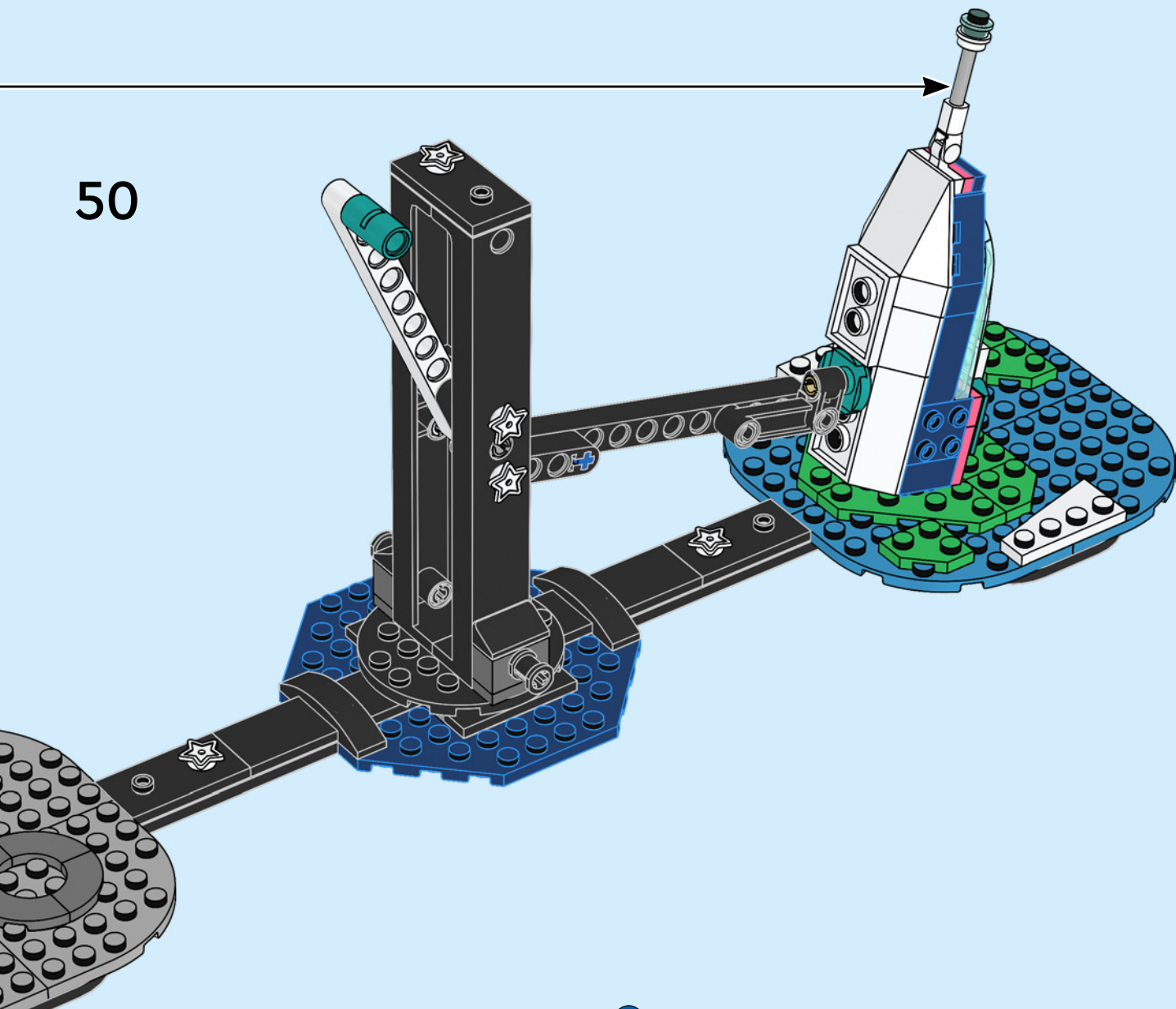




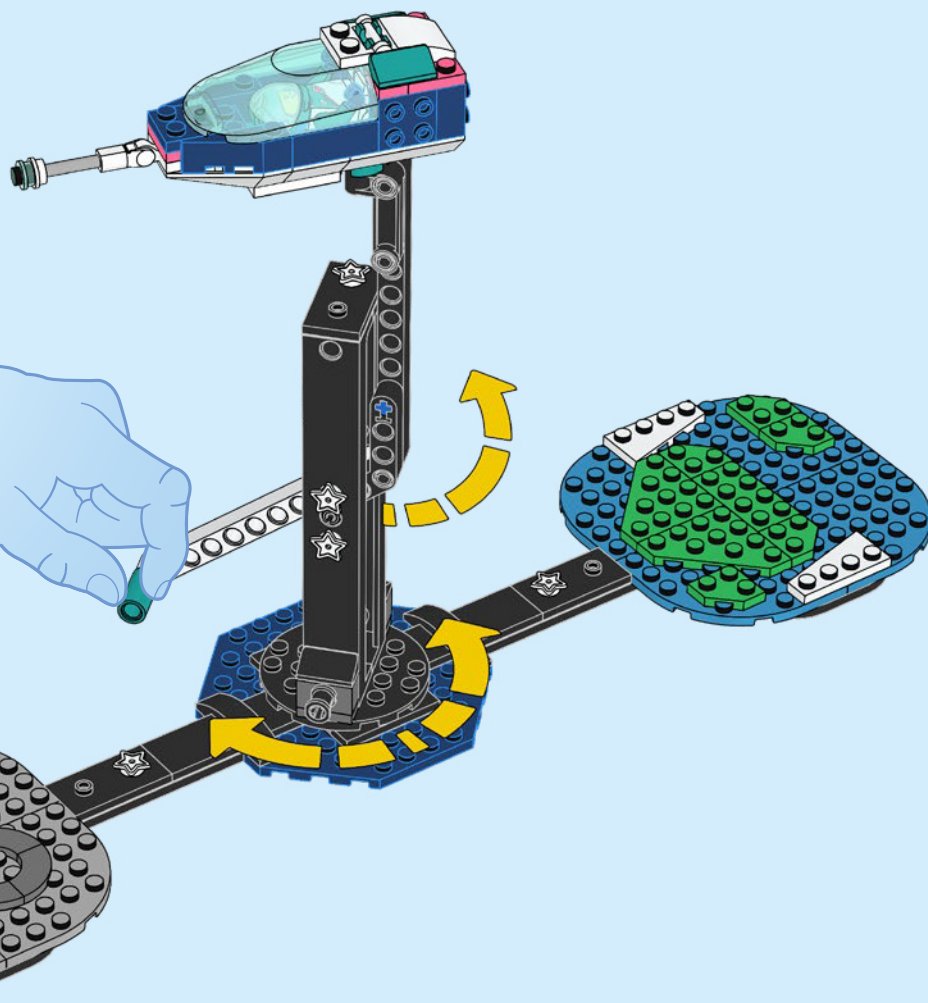
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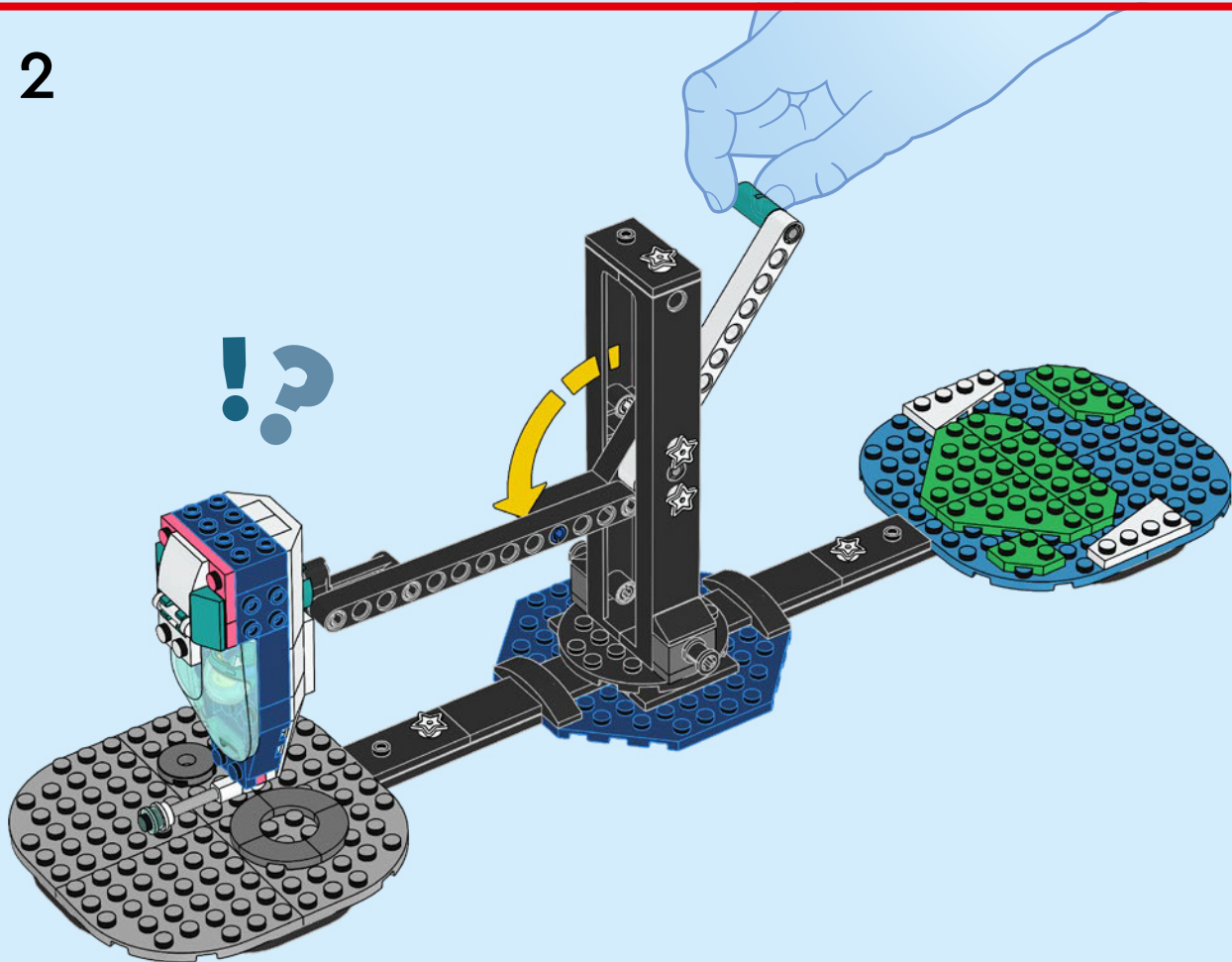
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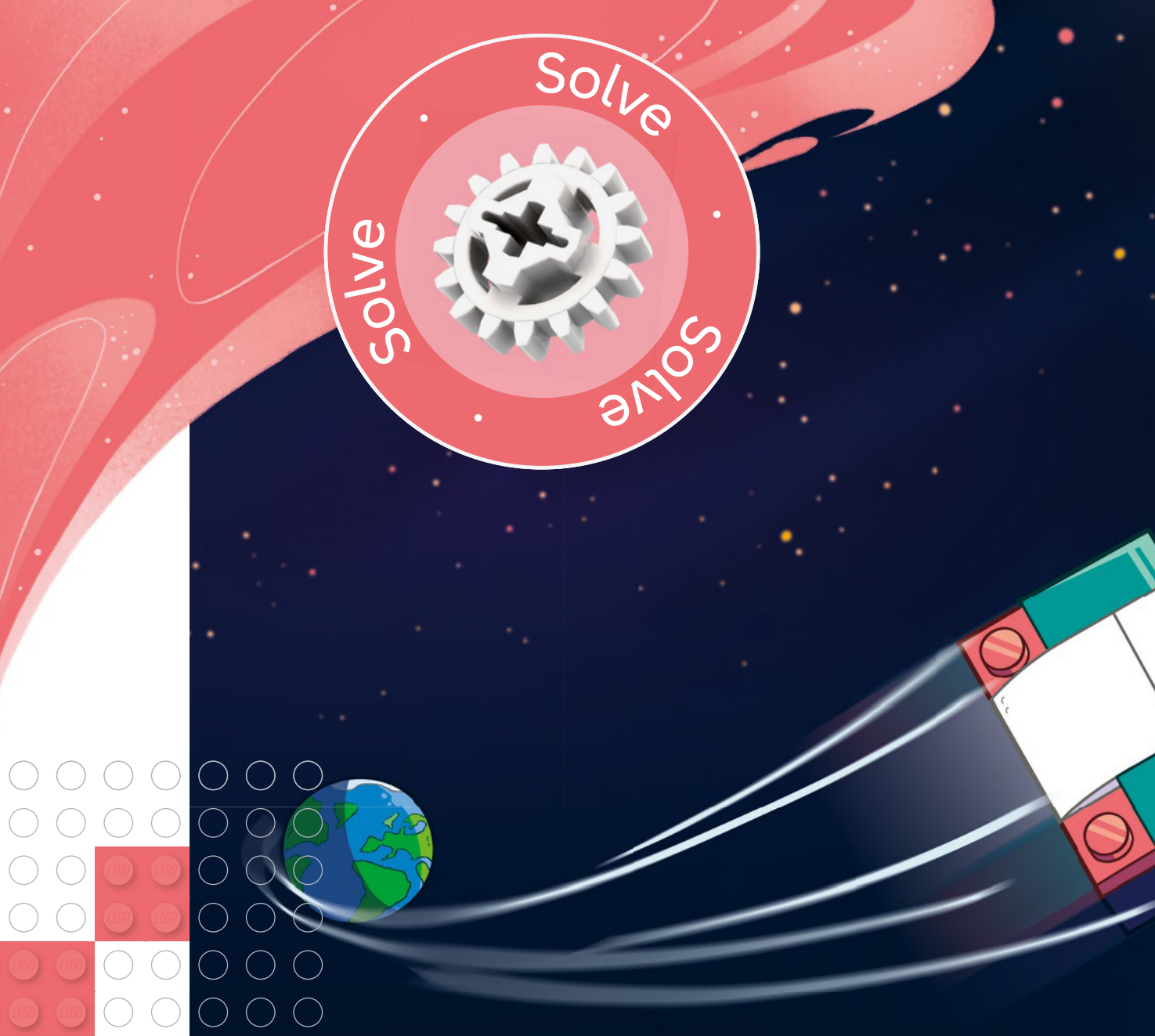


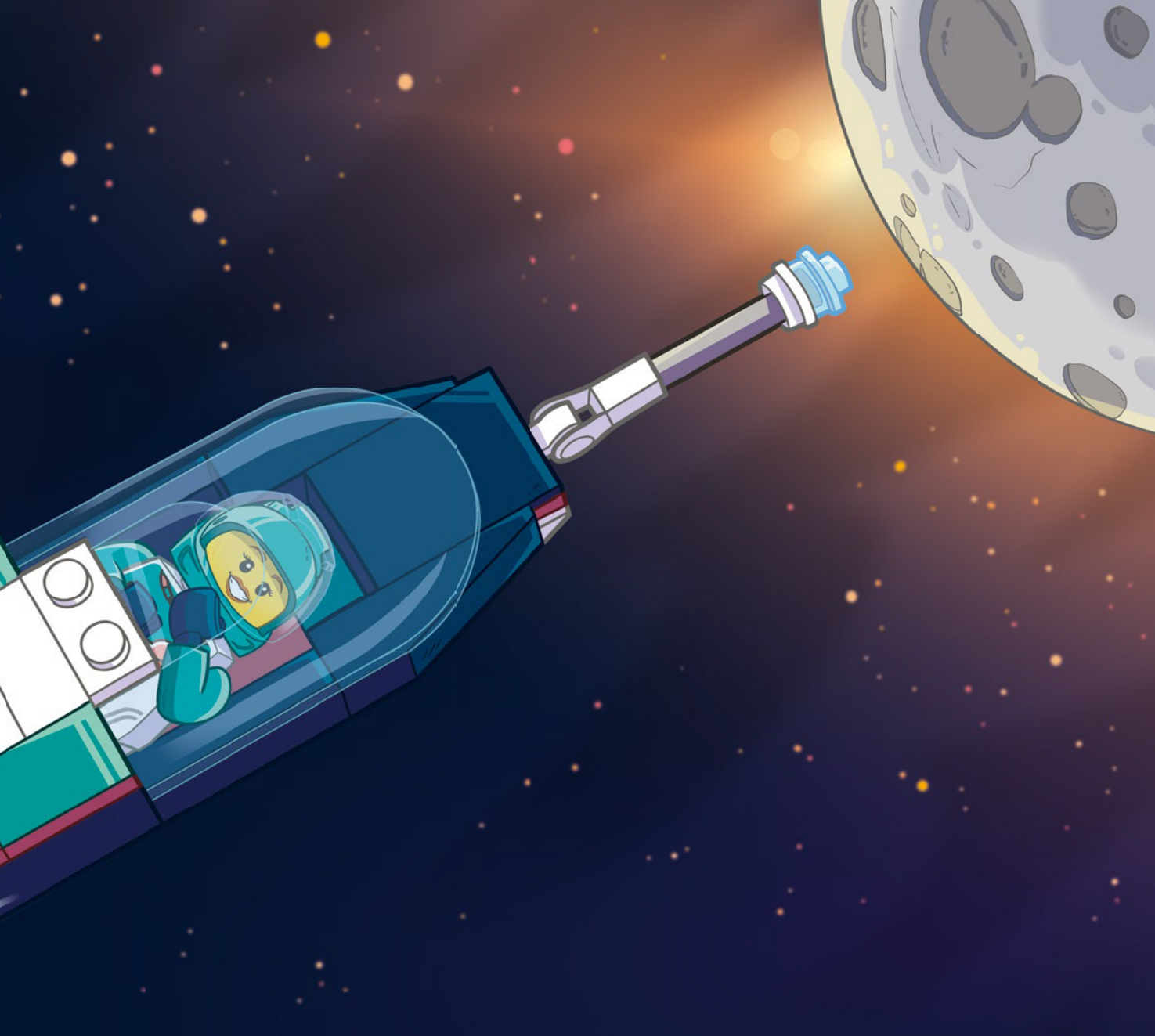
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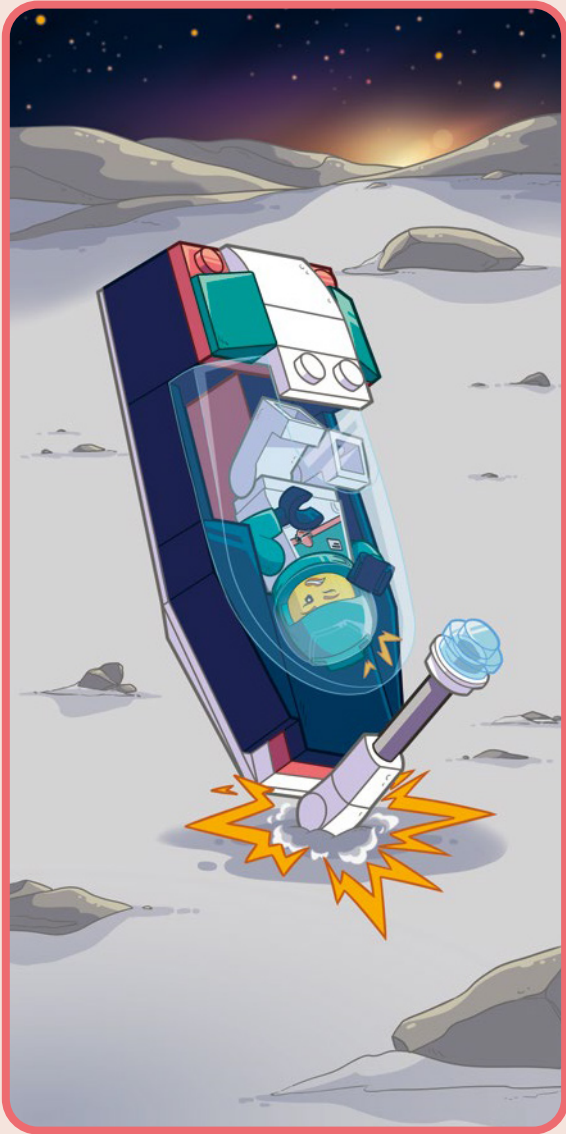


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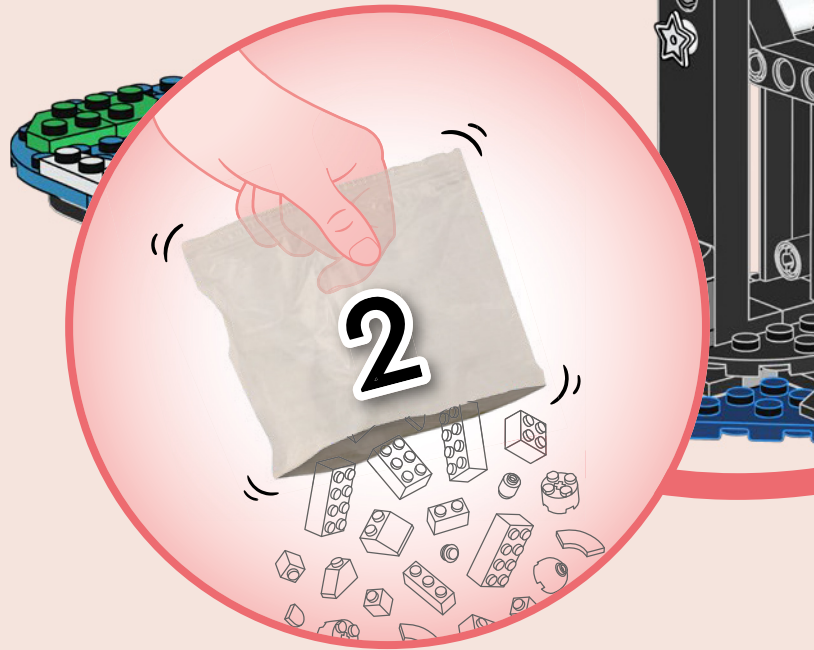


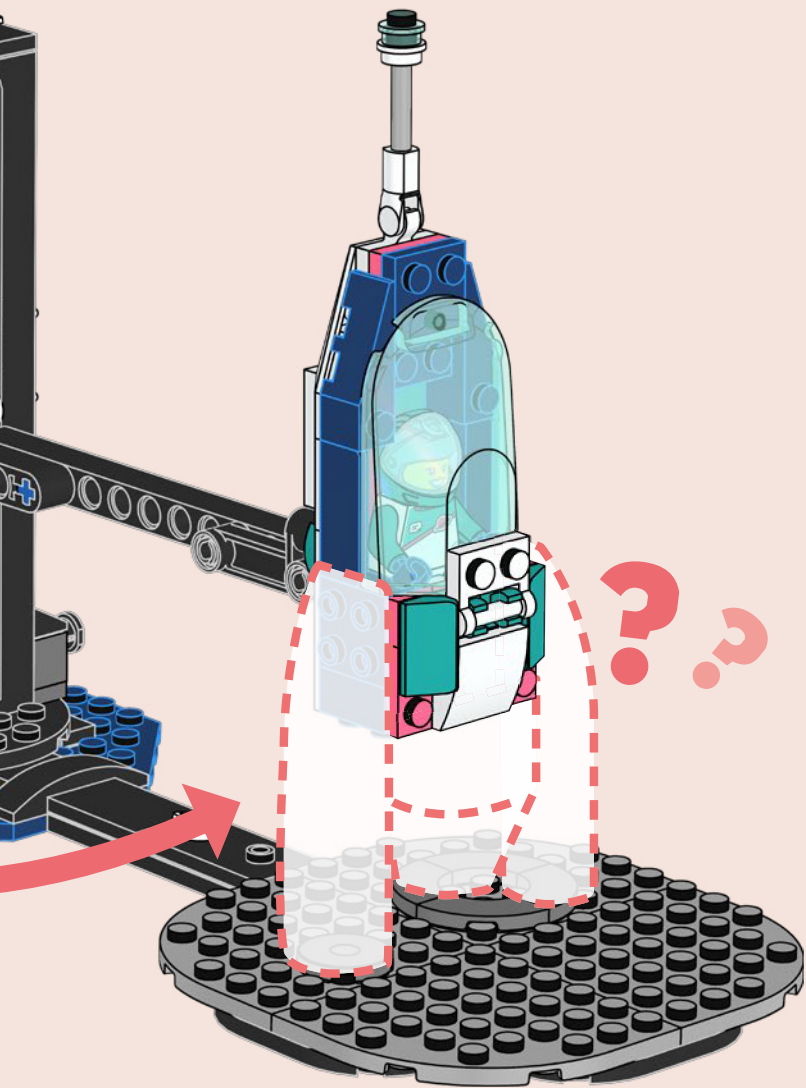


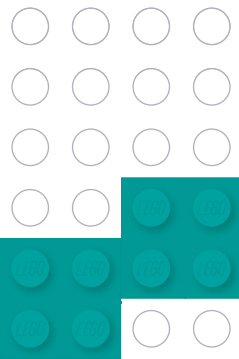




1











2

