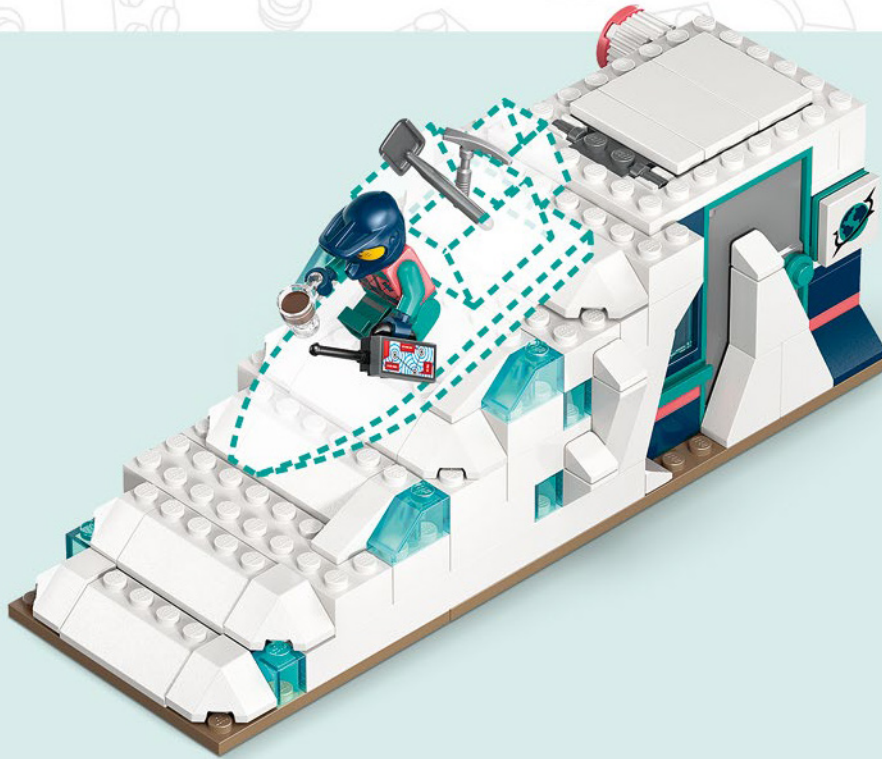




education™

Build  
Solve  
Invent™

45203



1



LEGO® Builder



### **Get excited about our new packaging!**

We're switching from plastic to paper-based packaging. That's why you might find a mix of paper and plastic in our boxes!

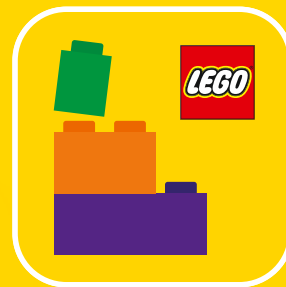
### **Nos nouveaux emballages vous emballeront !**

Nous passons des emballages en plastique aux emballages à base de papier. C'est pourquoi vous pourriez trouver un mélange de papier et de plastique dans nos boîtes !

### **¡Te presentamos nuestros nuevos empaques!**

Estamos sustituyendo las bolsas de plástico por bolsas con base de papel. ¡Por eso, puedes encontrar una mezcla de papel y de plástico en nuestras cajas!

**[LEGO.com/sustainable-packaging](https://LEGO.com/sustainable-packaging)**



# BUILDER



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LEGO.com/devicecheck

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 over 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.

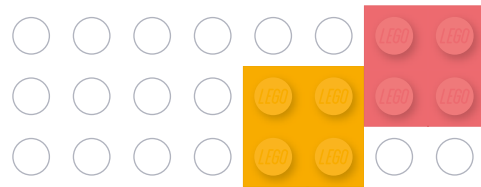
We know children learn best through hands-on, playful experiences. **What if you had the power to help take their learning even further?** By inspiring wonder, encouraging their ideas and letting them explore their own solutions, we create space for their confidence and resilience to develop and shine.

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 develop critical skills, we inspire a new generation to take on tomorrow and rebuild the world one LEGO brick at a time.





Chez LEGO® Education, nous attisons la curiosité et donnons aux enfants les moyens de prendre l'apprentissage en main. Depuis plus de 40 ans, LEGO Education propose des expériences qui associent la vision du groupe LEGO en matière d'apprentissage par le jeu à une compréhension approfondie du monde de l'éducation.

Nous savons que les enfants apprennent mieux grâce à des expériences pratiques et ludiques. **Et si vous aviez le pouvoir de les aider à approfondir leur apprentissage?** En suscitant l'émerveillement, en encourageant leurs idées et en les laissant explorer leurs propres solutions, nous créons un espace pour permettre à leur confiance et à leur résilience de se développer et de briller.

Chacune des expériences de cette boîte comporte 3 phases de jeu : construire, résoudre et inventer.

Votre enfant pourra :

**construire** un modèle LEGO passionnant qui établit le contexte de l'activité, **résoudre** l'activité à sa façon en utilisant ses compétences en matière de résolution de problèmes et **inventer** une création qui pousse sa créativité encore plus loin.

En suscitant la joie dans l'apprentissage des enfants et en les aidant à développer des compétences essentielles, nous inspirons une nouvelle génération à conquérir l'avenir et à reconstruire le monde, une brique LEGO à la fois.



En LEGO® Education, encendemos la curiosidad y empoderamos a los niños para que tomen el aprendizaje en sus manos. Por más de 40 años, LEGO Education ha ofrecido experiencias que combinan la visión de The LEGO Group sobre el aprendizaje a través del juego con un profundo conocimiento del mundo de la educación.

Sabemos que los niños aprenden mejor mediante experiencias prácticas y divertidas. **¿Pero y si tuvieras el poder de ayudarlos a llevar su aprendizaje aún más lejos?** Nutrimos su curiosidad, apoyamos sus ideas y les damos la oportunidad de explorar sus propias soluciones con el fin de abrir un espacio donde su confianza y resiliencia puedan desarrollarse y brillar.

Cada uno de los experimentos de esta caja presenta 3 fases de juego: Construye, Resuelve e Inventa.

Tu peque podrá:

**Construir** un emocionante modelo LEGO que defina el contexto de la actividad; **Resolver** la actividad a su manera usando sus habilidades de resolución de problemas; **Inventar** una creación que lleve su creatividad aún más lejos.

Al despertar en los niños la alegría de aprender y ayudarles a desarrollar habilidades críticas, inspiramos a una nueva generación para que tome las riendas del mañana y reconstruya el mundo un brick LEGO a la vez.

# How can people live and work in a frozen environment?



This Life Science experiment is based on determining what humans need to survive in an Arctic environment. The snow and ice in the Arctic make it difficult for scientists to live and work. They need special tools and equipment to help them safely navigate the environment.



**Build**

**Build:** Build a snowy cabin where the scientist can only exit through a hatch in the roof.



**Solve**

**Solve:** Create a sled for the scientist to get safely from the snowy roof down to the ground.



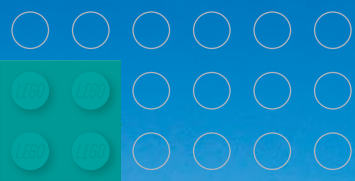
**Invent**

**Invent:** Design a bigger sled to get all the research equipment down from the snowy roof.

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

- What are the challenges when trying to get a human down a snowy slope?
- How does your new sled get the scientist and equipment down the snowy slope?
- How do you think Arctic animals might navigate the snowy terrain?





# Comment les gens peuvent-ils vivre et travailler dans un environnement gelé?



Cette expérience de sciences de la vie vise à déterminer ce dont les humains ont besoin pour survivre dans un environnement arctique. La neige et la glace de l'Arctique rendent la vie et le travail des scientifiques difficiles. Ils ont besoin d'outils et d'équipements spéciaux pour les aider à naviguer en toute sécurité dans cet environnement.



**Construire**

**Construire** : Construisez une cabane enneigée d'où le scientifique ne peut sortir que par une trappe dans le toit.



**Résoudre**

**Résoudre** : Créez un traîneau pour que le scientifique puisse descendre en toute sécurité du toit enneigé jusqu'au sol.



**Inventer**

**Inventer** : Concevez un traîneau plus grand pour faire descendre tout l'équipement de recherche du toit enneigé.

Vous pouvez soutenir l'apprentissage et éveiller la curiosité en posant des questions telles que :

- Quels sont les défis à relever pour faire descendre un humain sur une pente enneigée?
- Comment ton nouveau traîneau permet-il au scientifique et à son équipement de descendre la pente enneigée?
- Comment penses-tu que les animaux de l'Arctique peuvent se déplacer sur le terrain enneigé?

# ¿Cómo pueden vivir y trabajar las personas en un entorno congelado?



Este experimento de ciencias de la vida se centra en determinar qué necesitan los seres humanos para sobrevivir en un entorno ártico. La nieve y el hielo del Ártico hacen más difíciles la vida y el trabajo de los científicos. Necesitan herramientas y equipos especiales que les ayuden a ir de un lugar a otro con seguridad en ese entorno.



**Consttuye**

**Consttuye:** Construye una cabaña nevada de la que el científico pueda salir únicamente por una pequeña puerta instalada en el techo.



**Resuelve**

**Resuelve:** Crea un trineo para que el científico pueda bajar con seguridad al suelo desde el techo nevado.

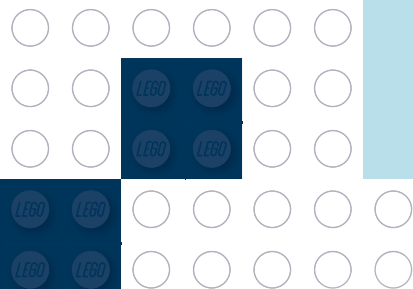
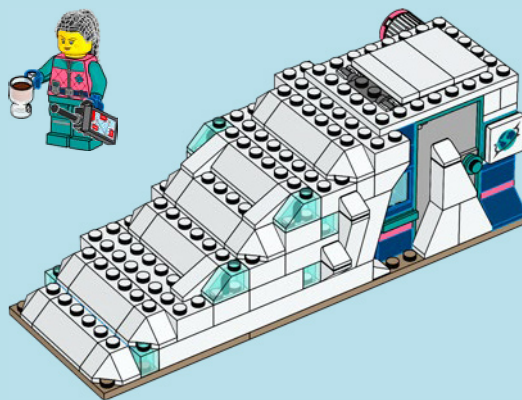
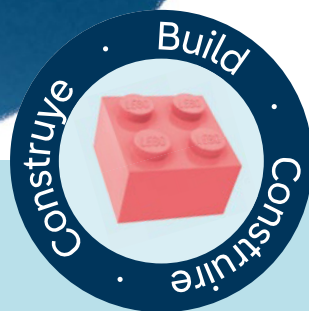


**Inventa**

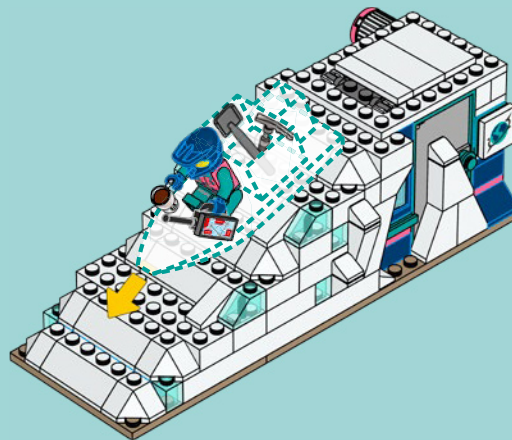
**Inventa:** Diseña un trineo más grande para bajar todo el equipo de investigación del techo nevado.

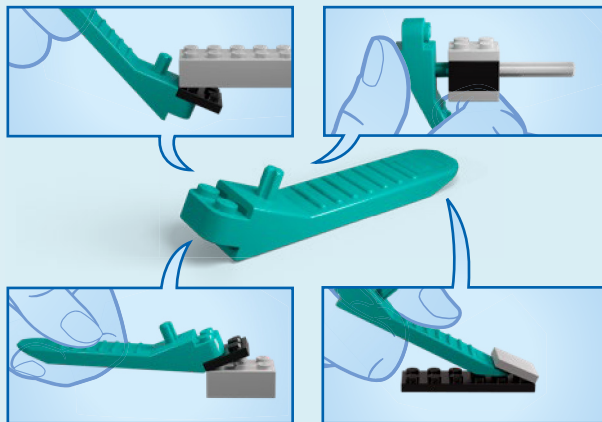
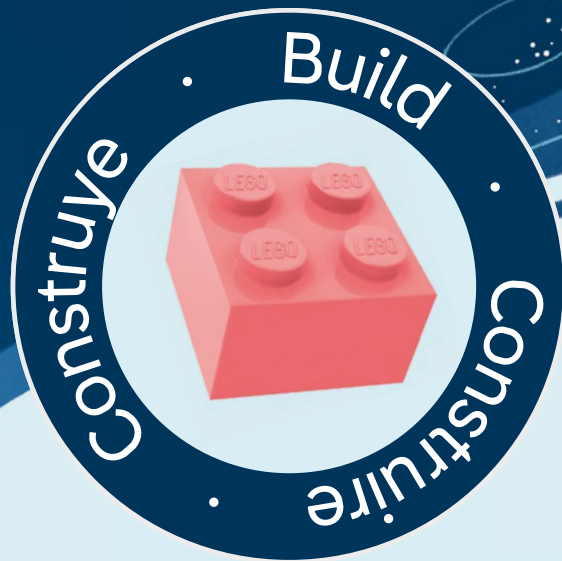
Puedes apoyar el aprendizaje y despertar la curiosidad haciendo preguntas como las siguientes:

- ¿Cuáles son los desafíos de intentar bajar a un ser humano por una pendiente nevada?
- ¿Cómo baja tu nuevo trineo al científico y su equipo por la pendiente nevada?
- ¿Cómo crees que los animales del Ártico podrían ir de un lugar a otro por el terreno nevado?

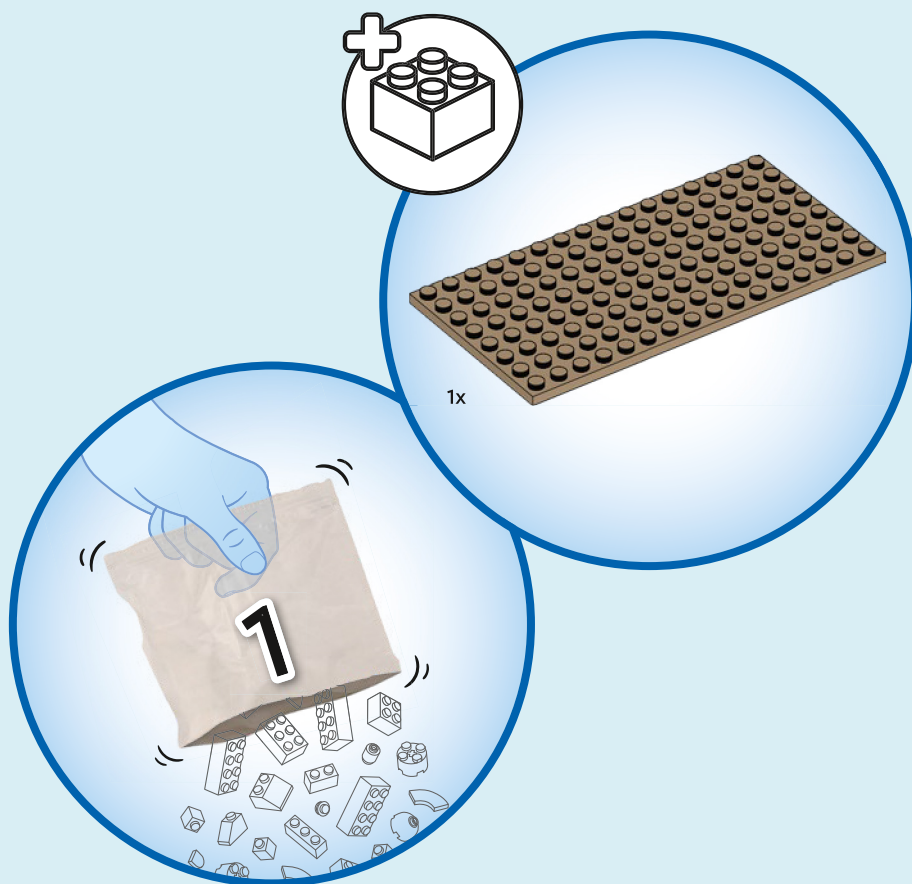


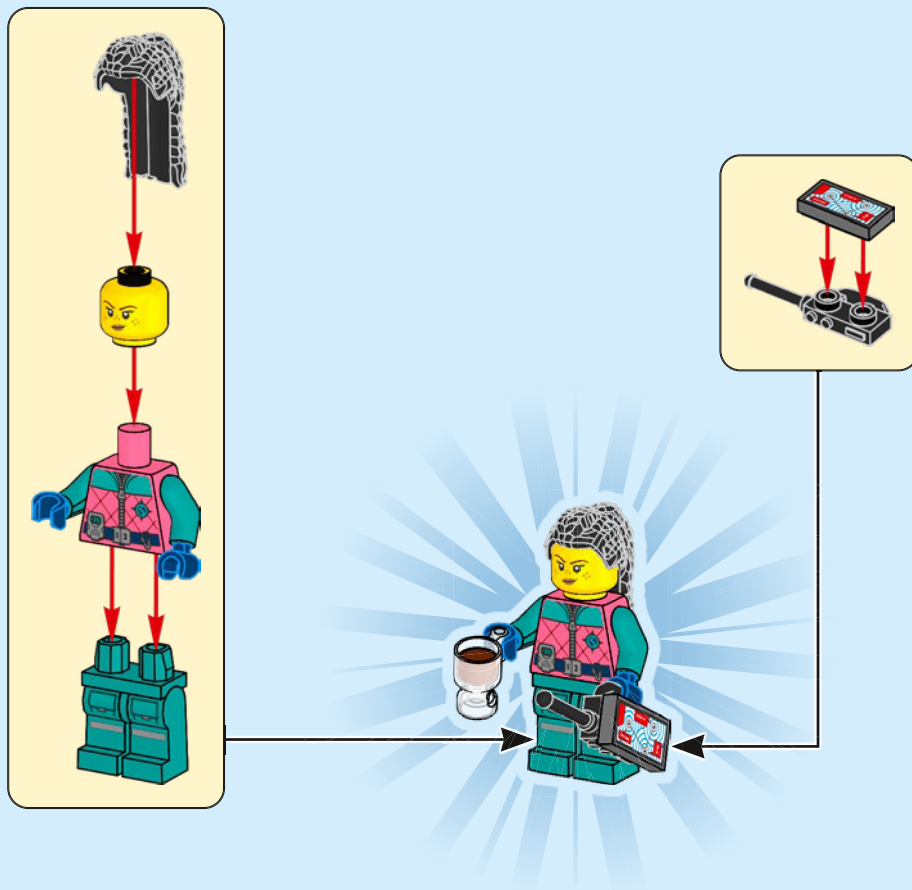


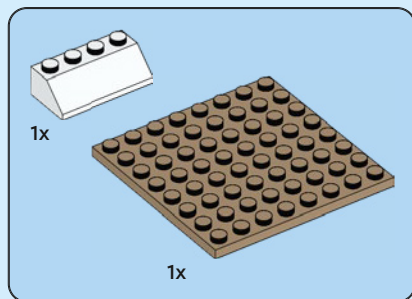
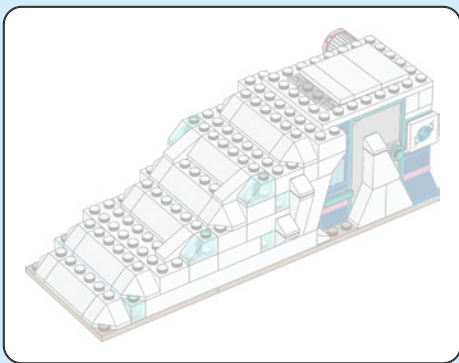




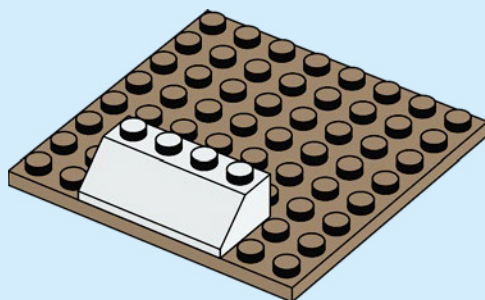






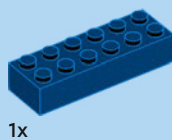
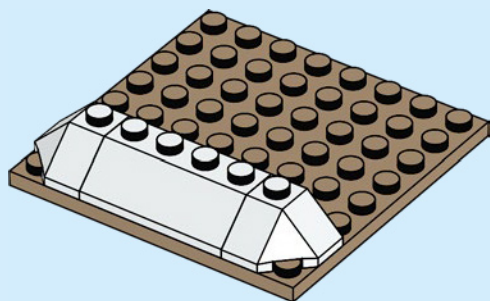


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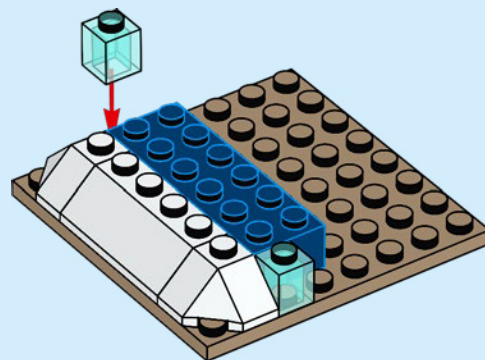


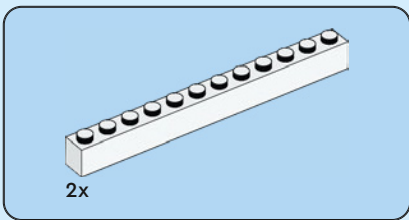


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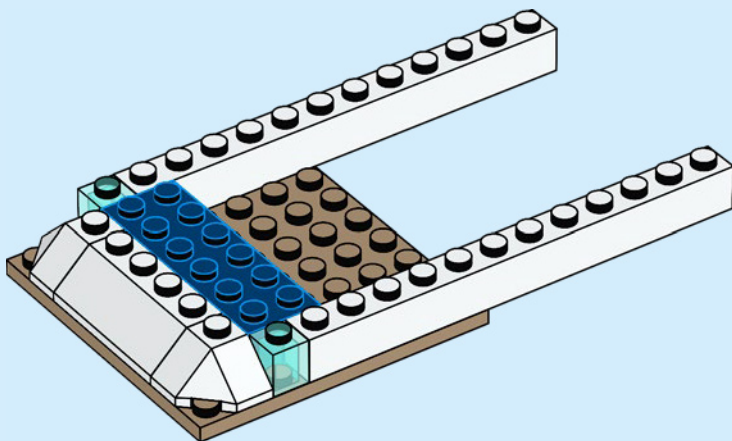


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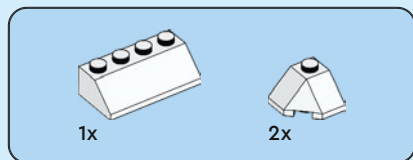




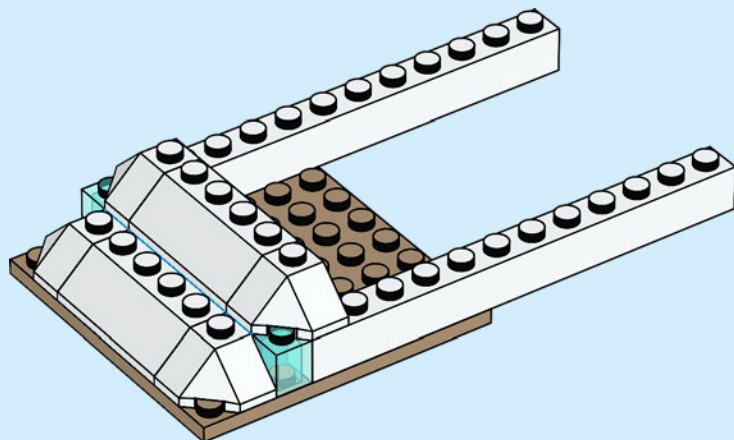
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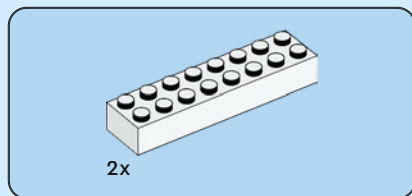




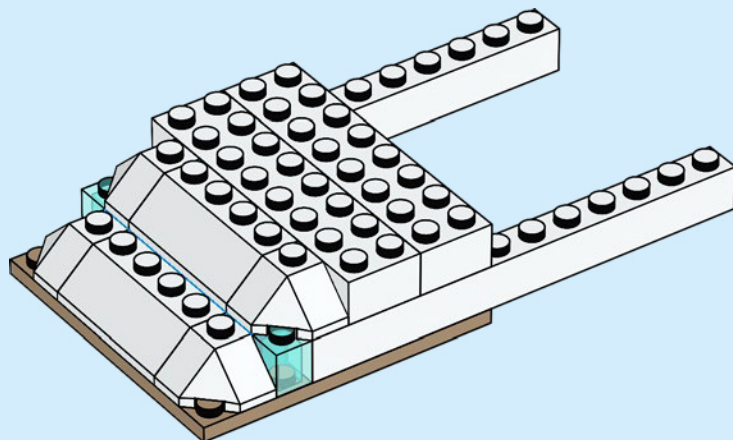


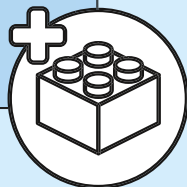
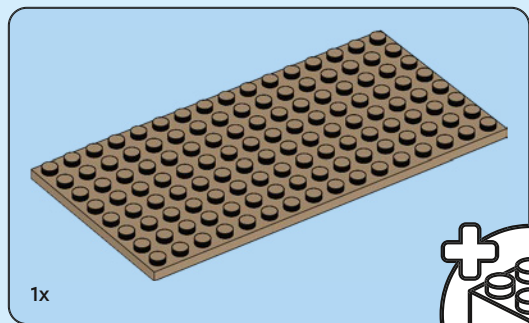
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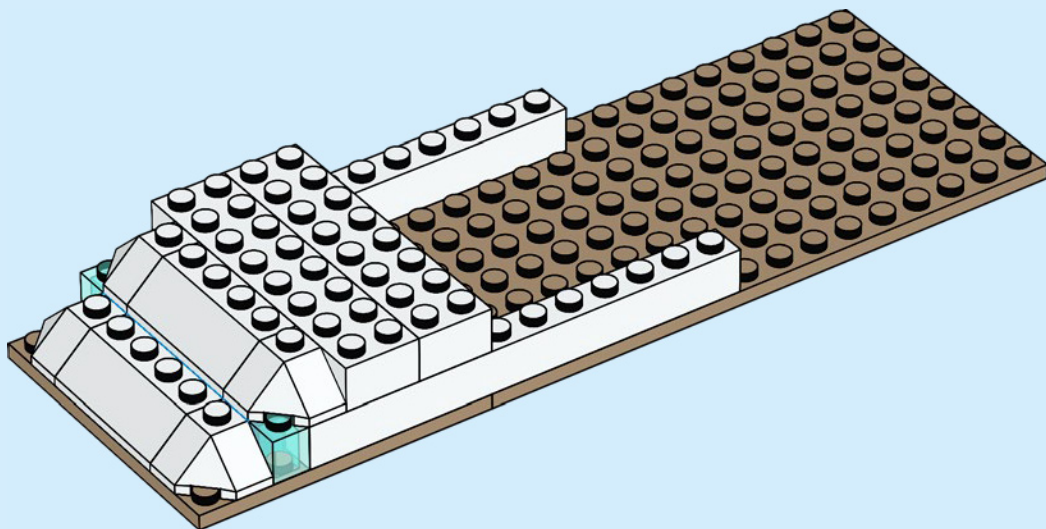


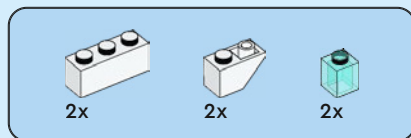
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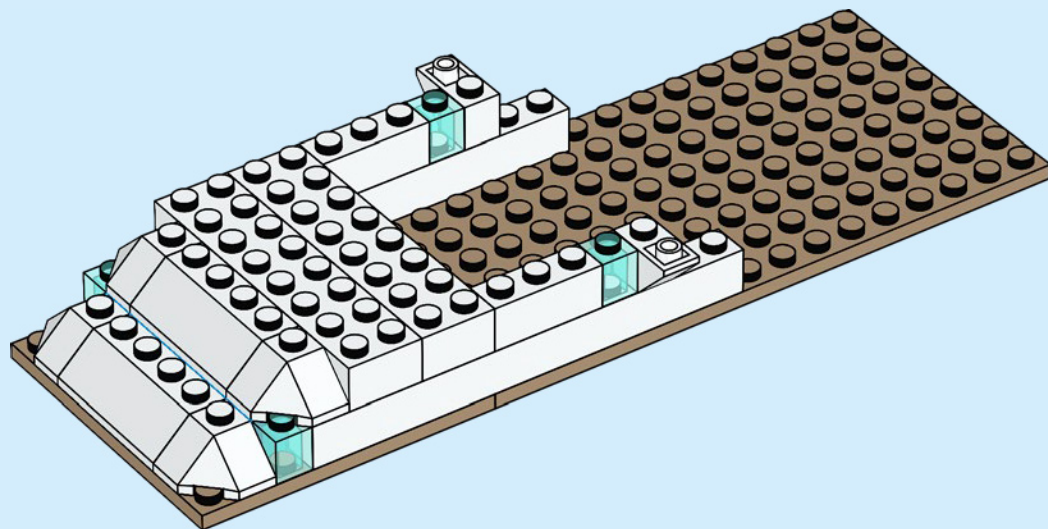


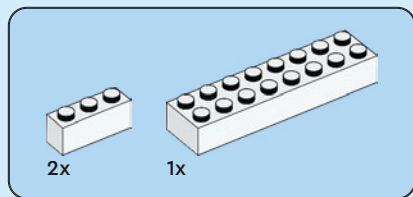
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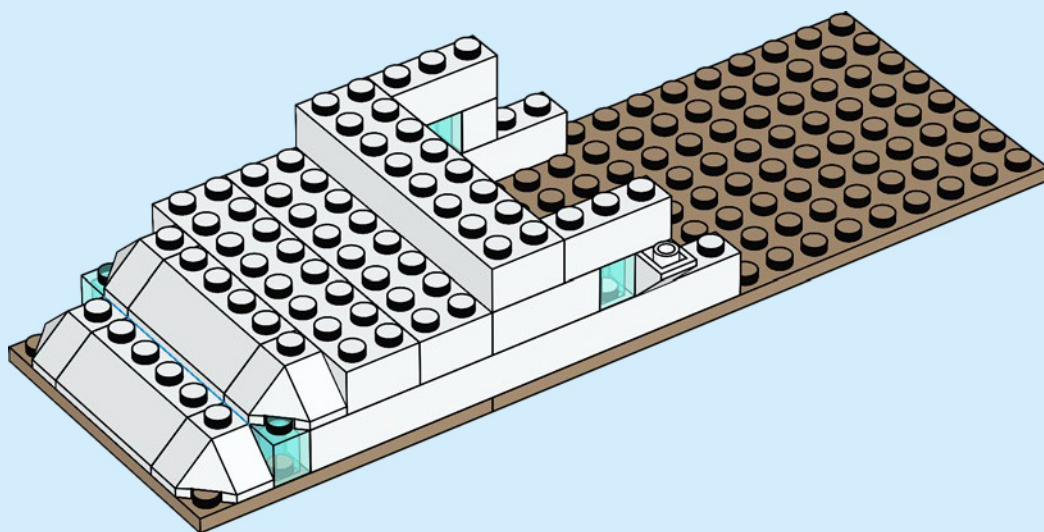


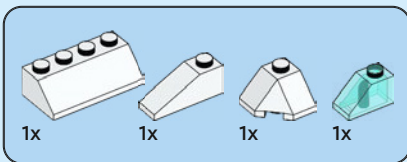
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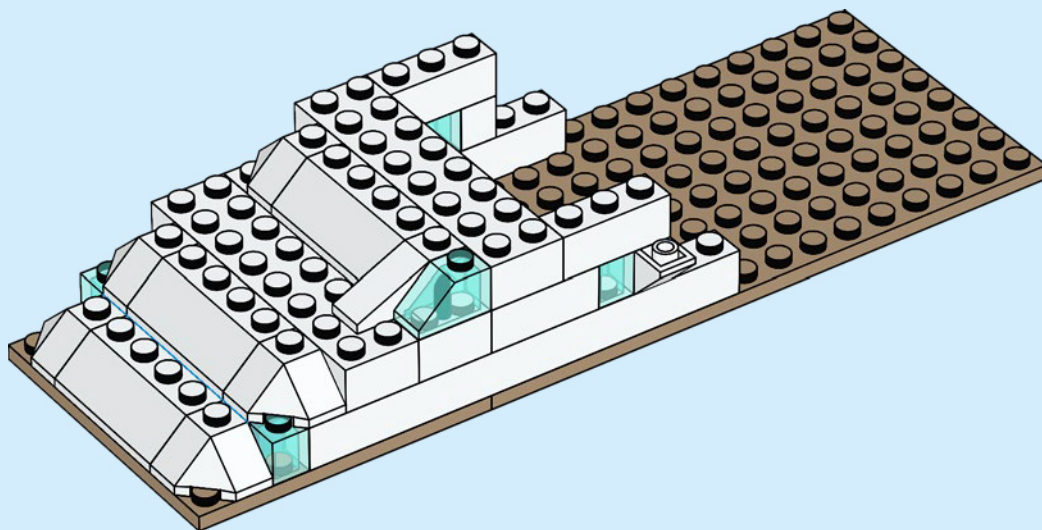


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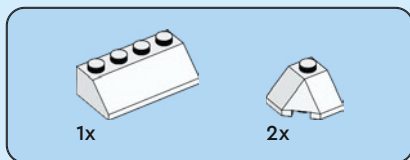


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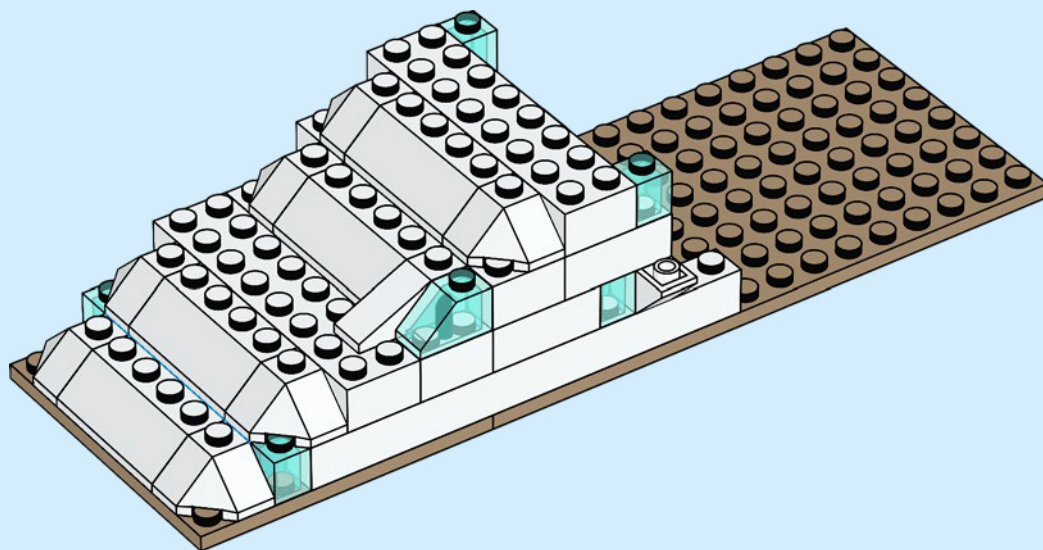


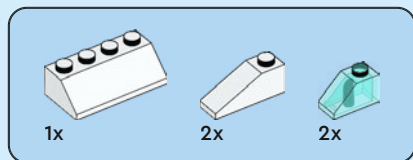




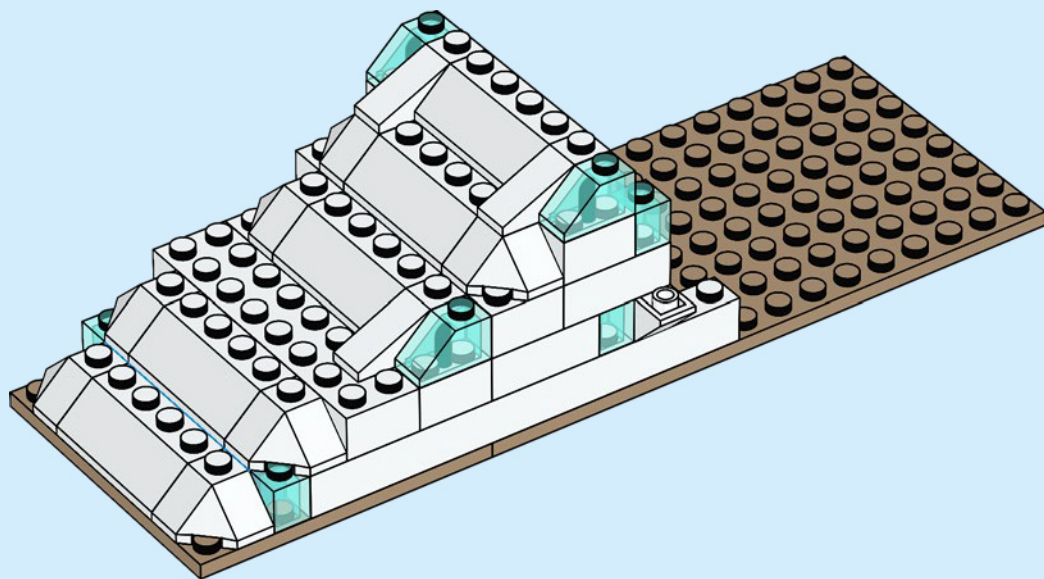


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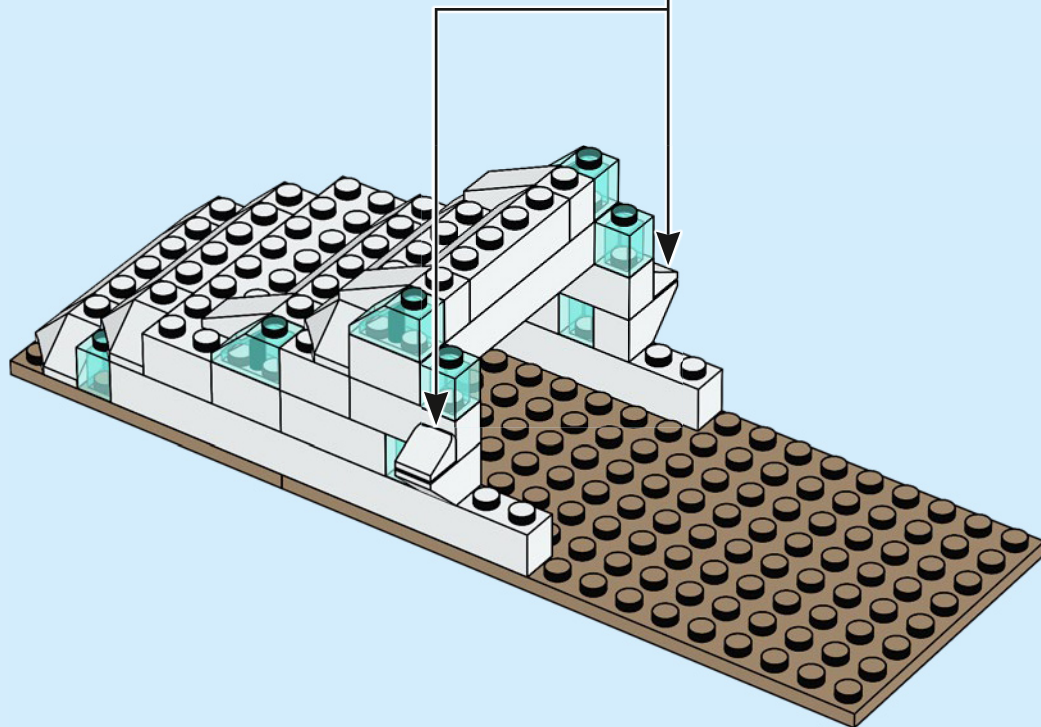


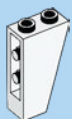
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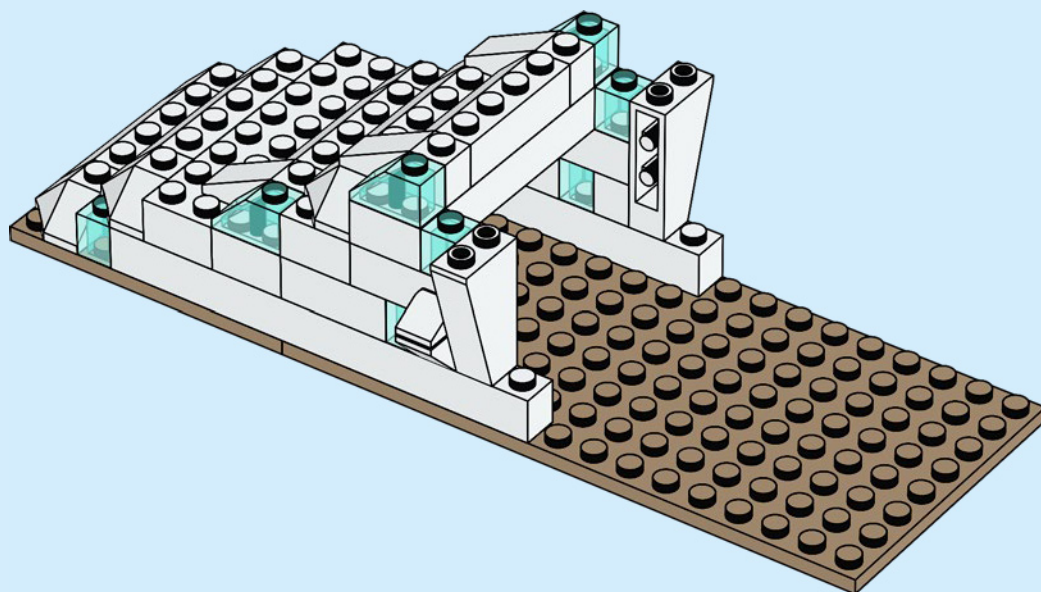
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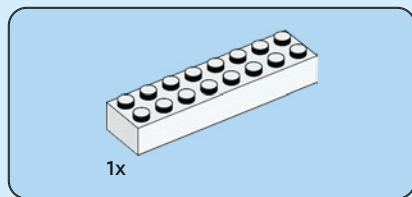




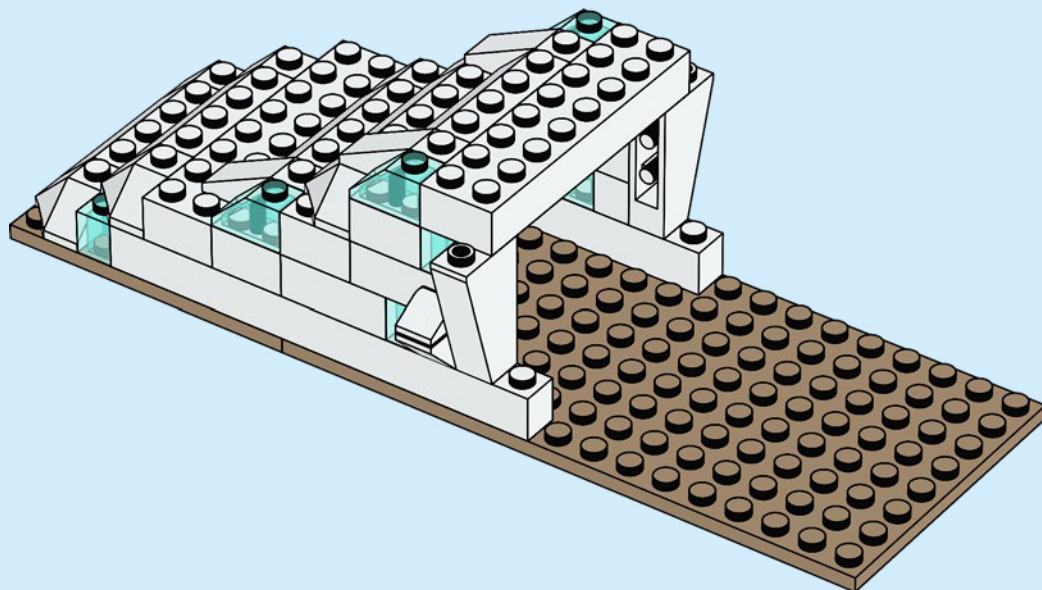
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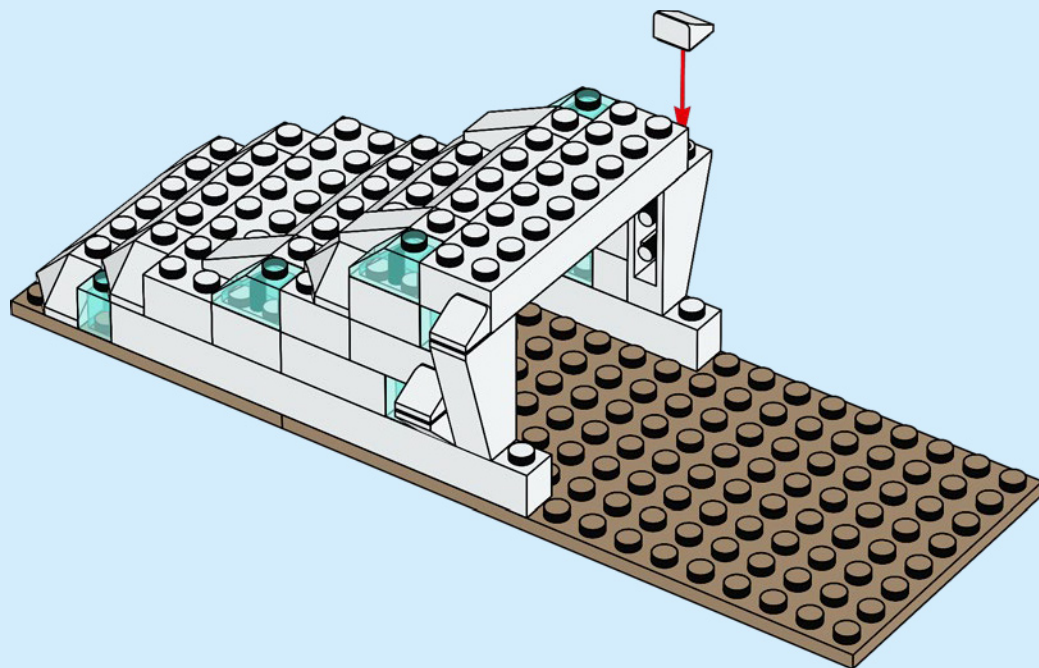
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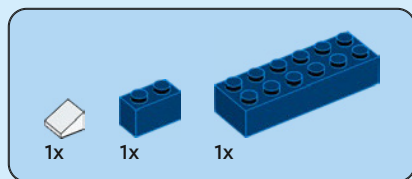




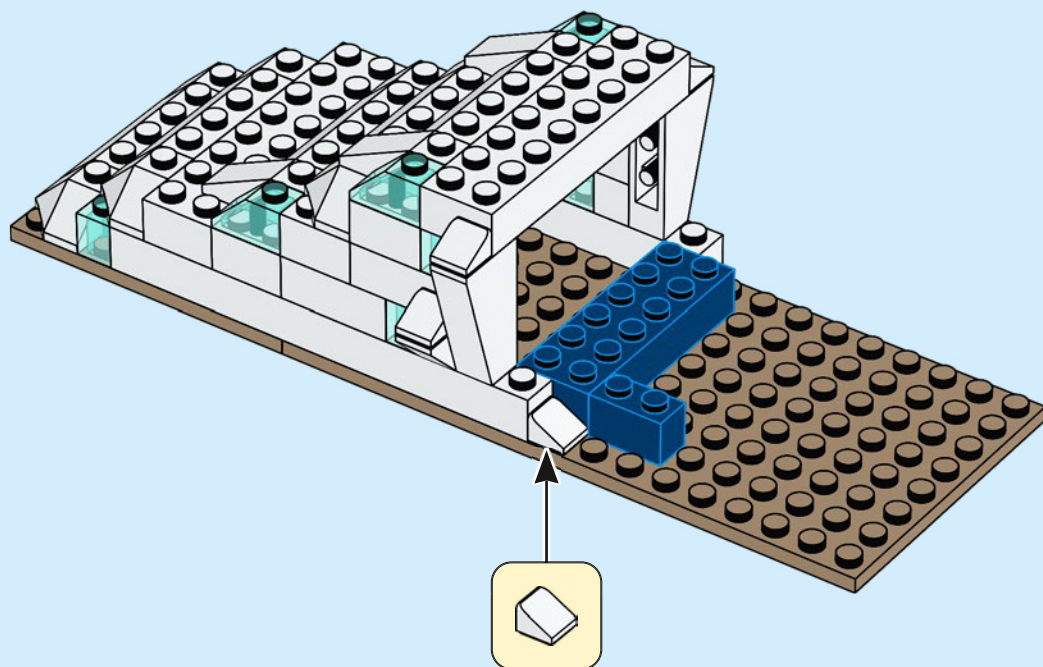


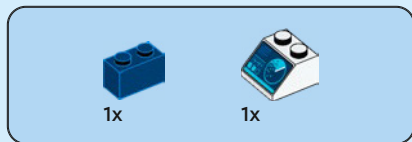
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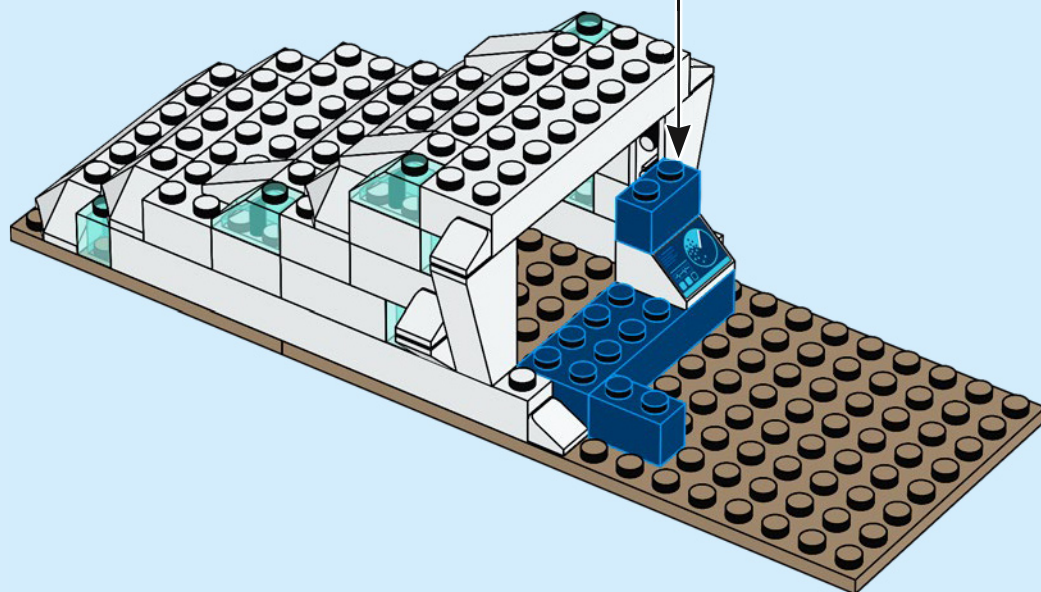
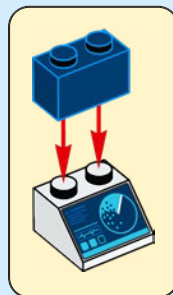


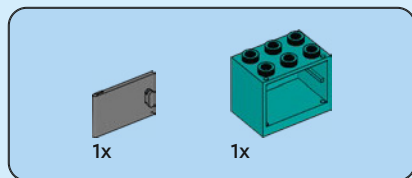
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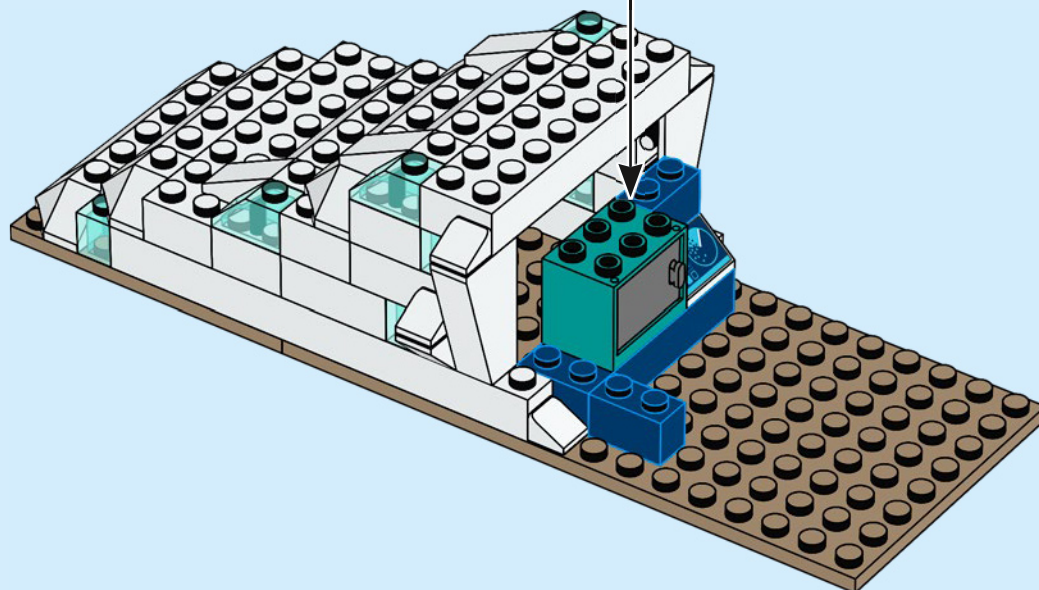
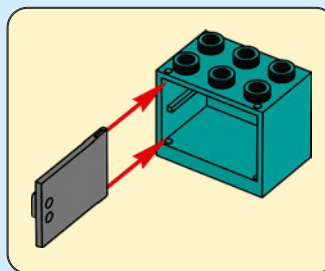


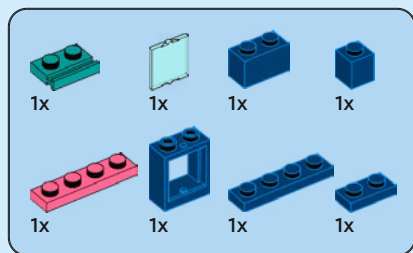
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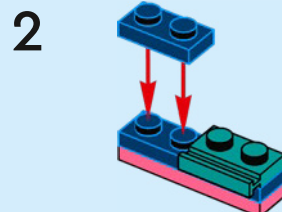
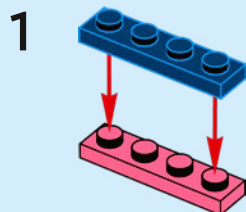


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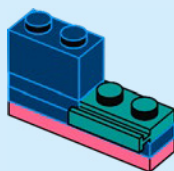




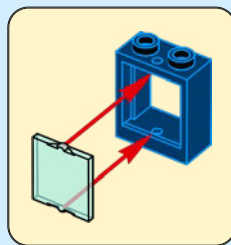
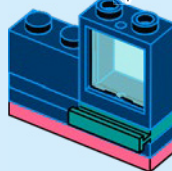
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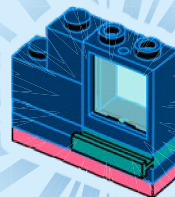
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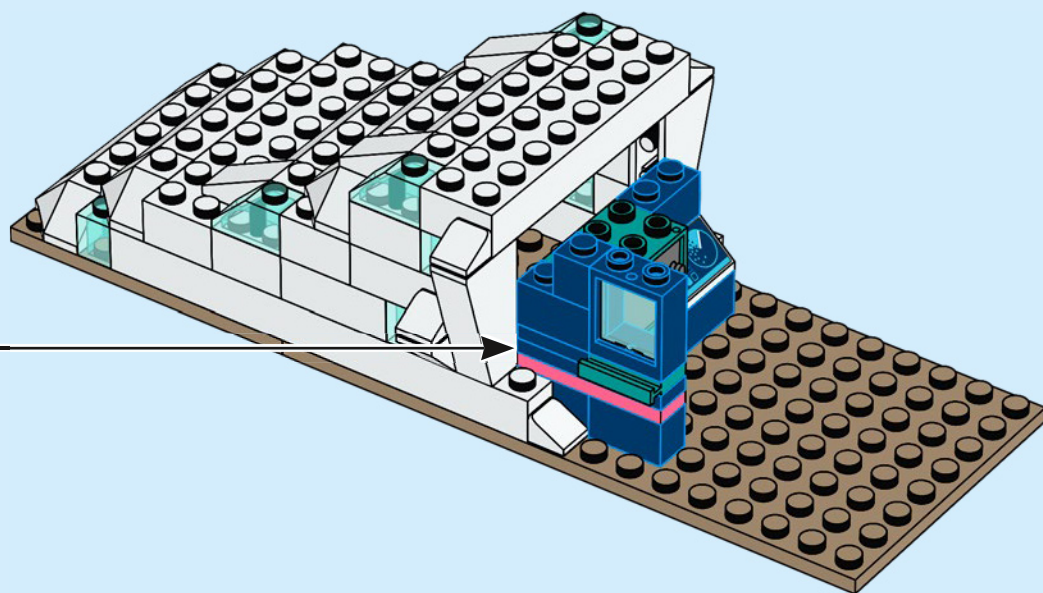
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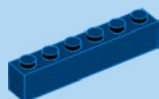


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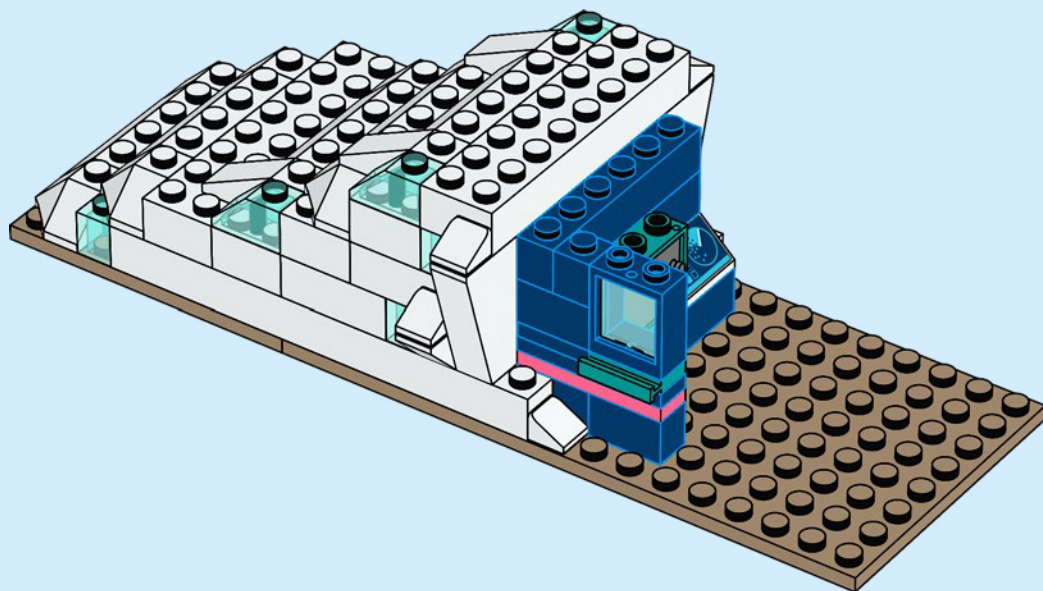


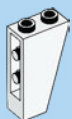




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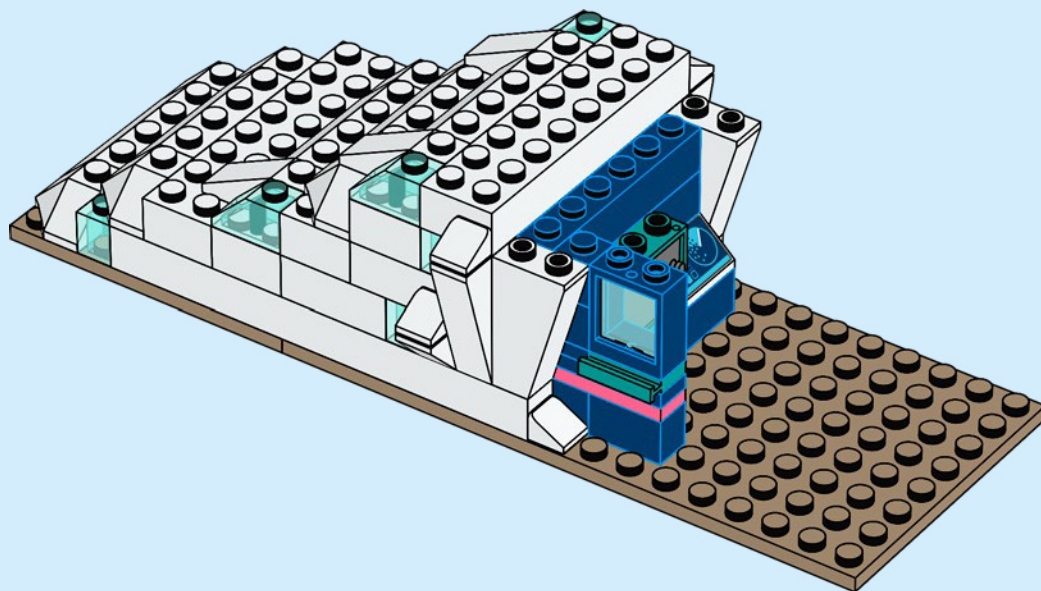
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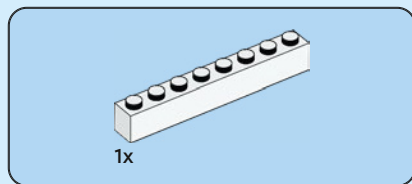




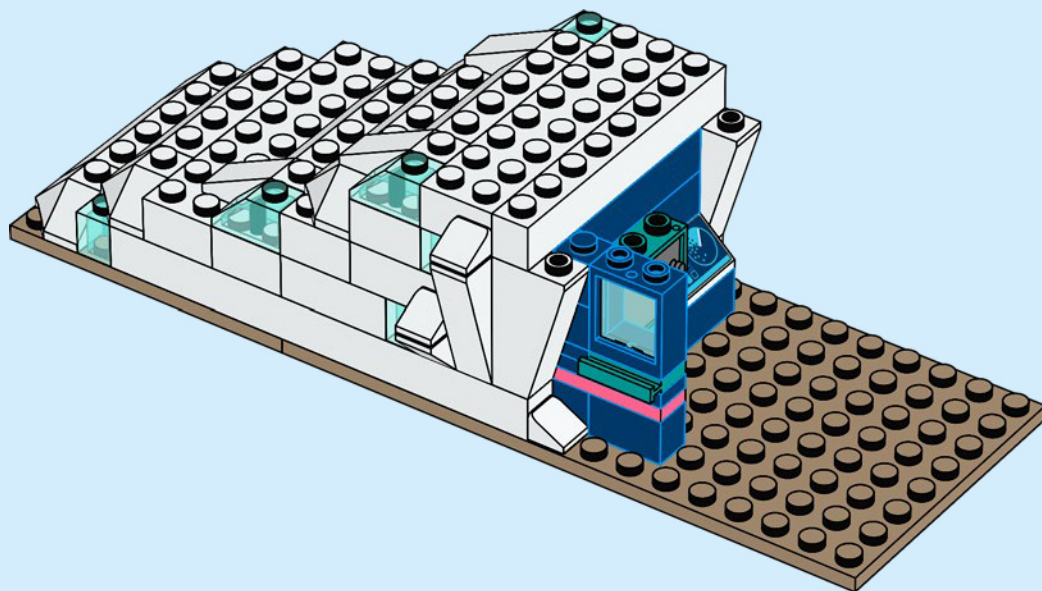
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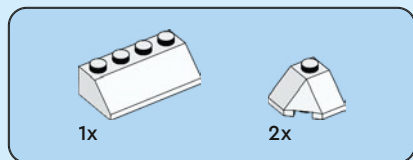
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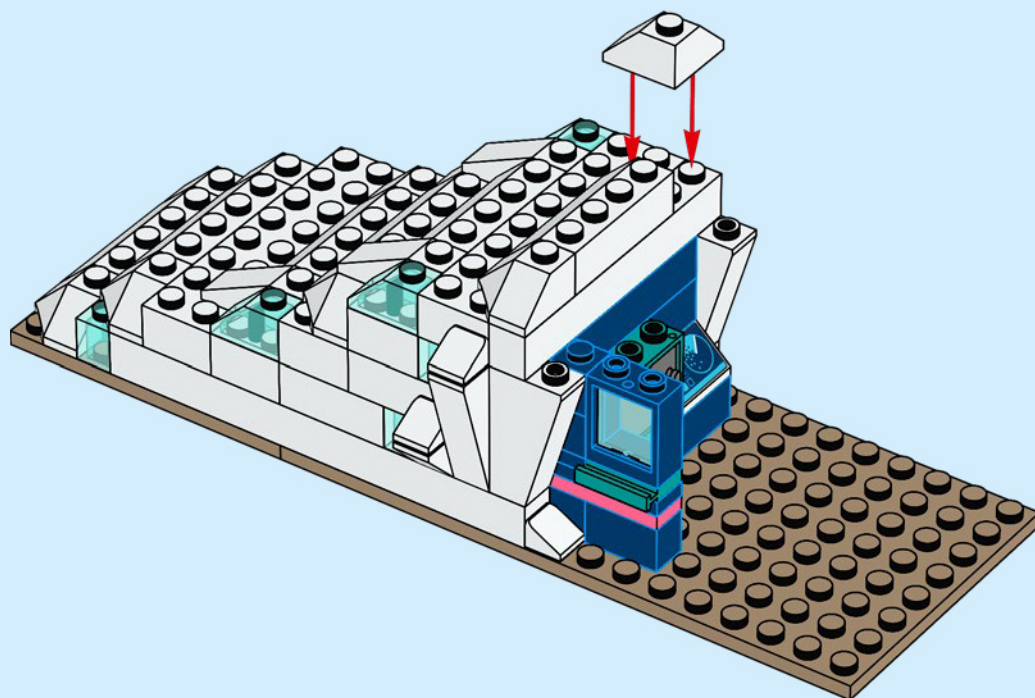


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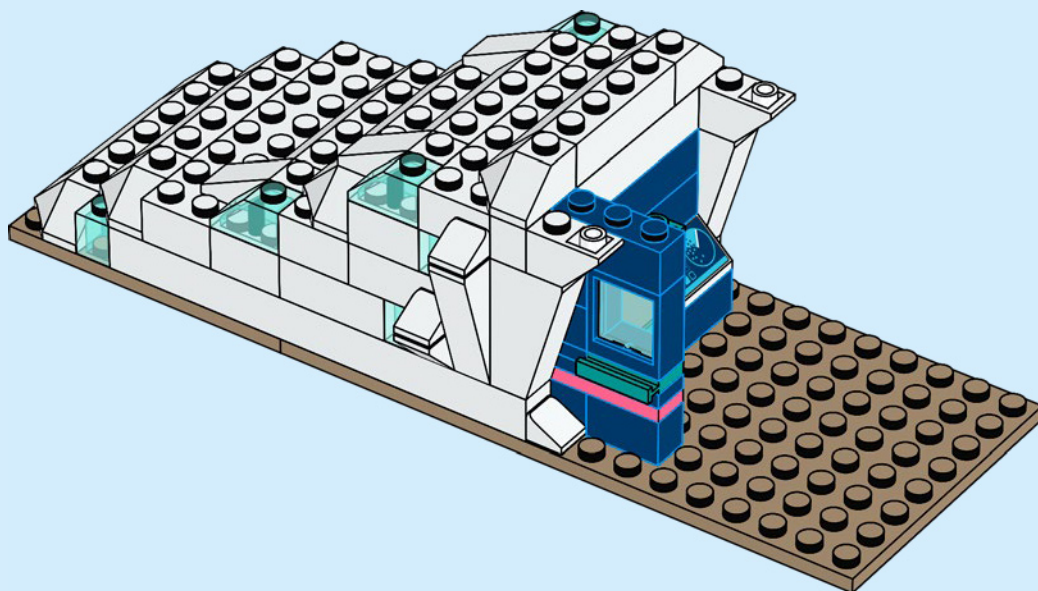


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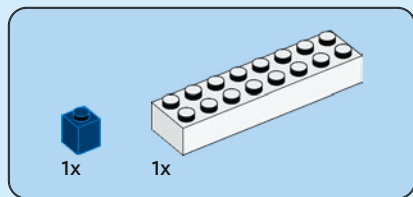


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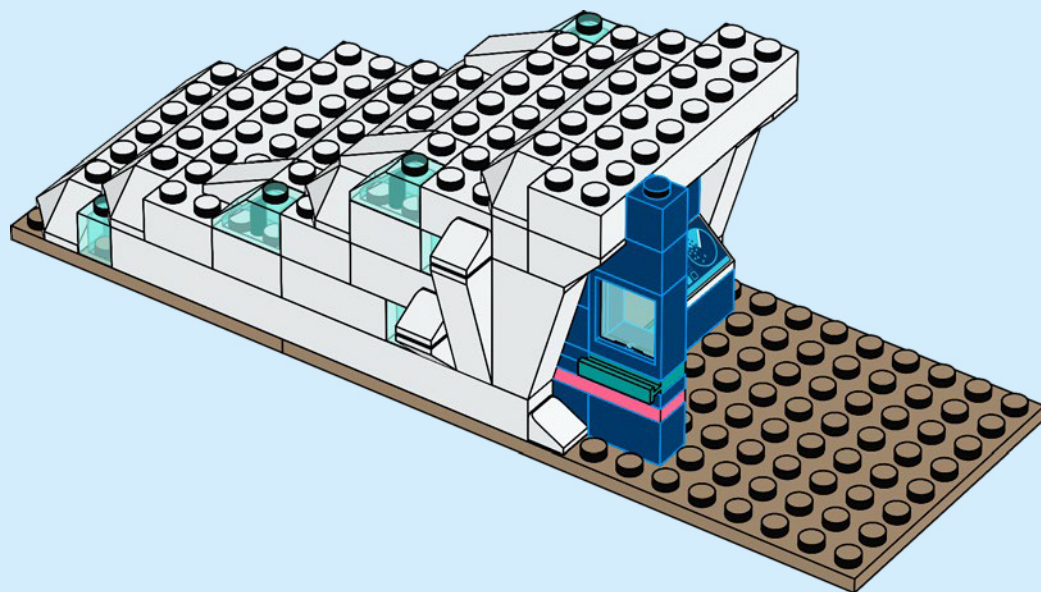
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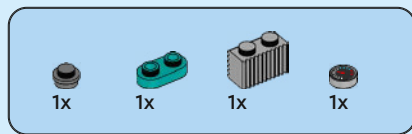




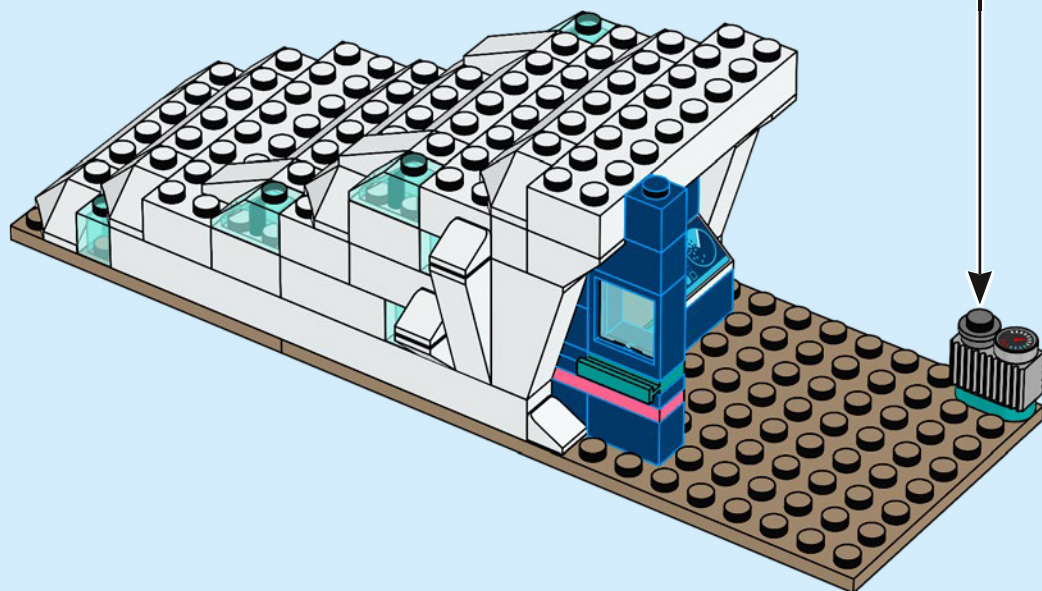
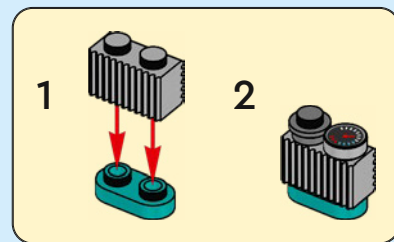


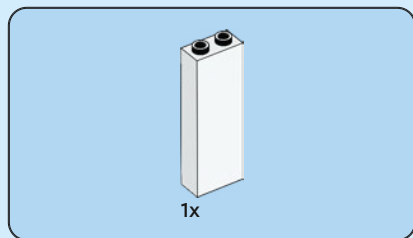
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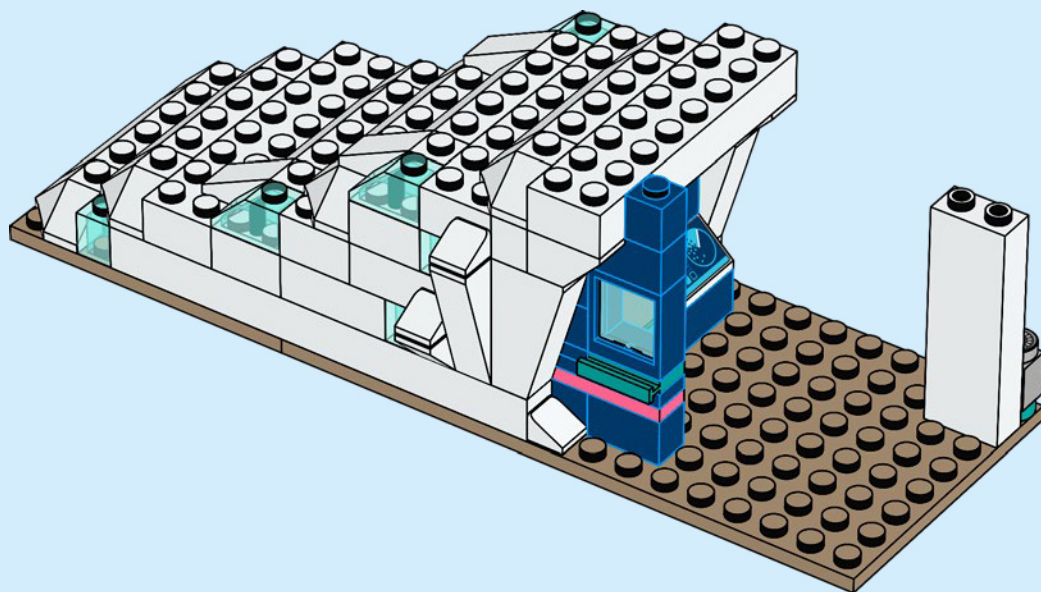


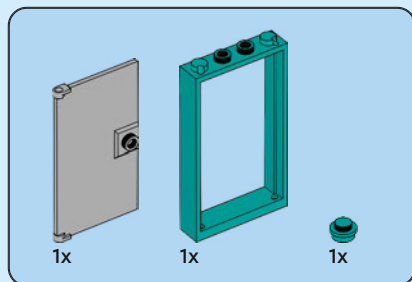
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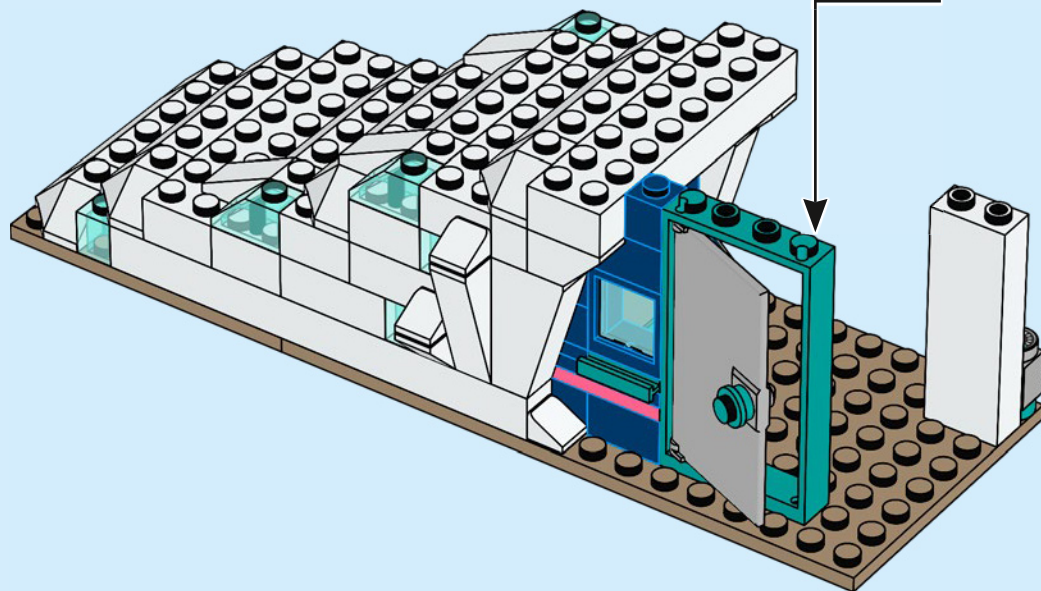
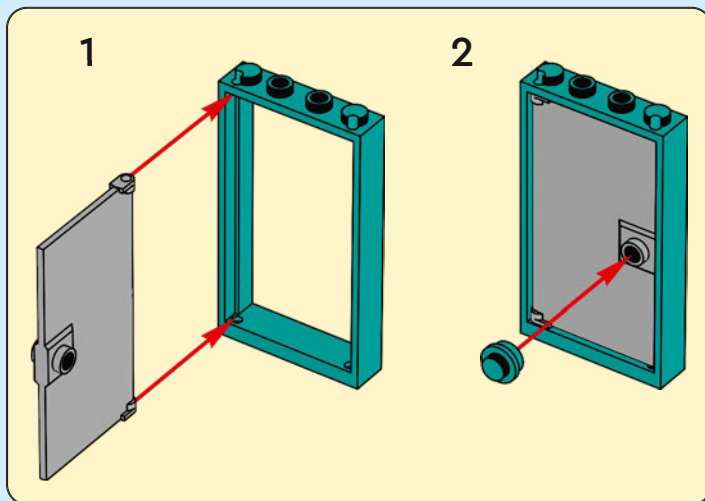


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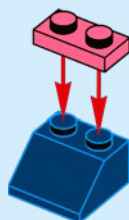


1x



1x

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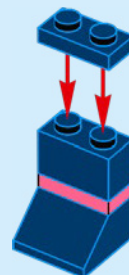


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1x

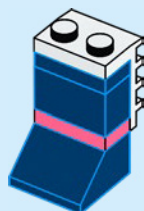
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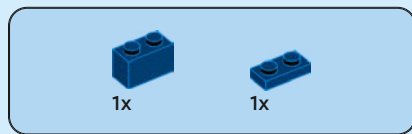


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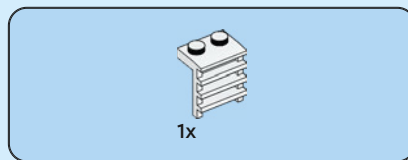
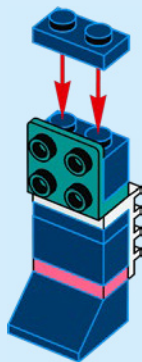
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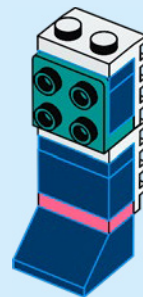




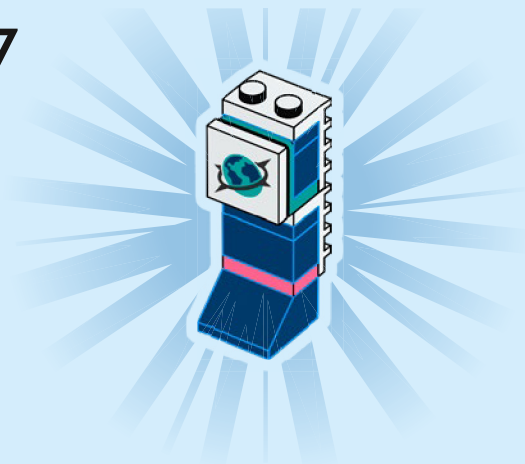
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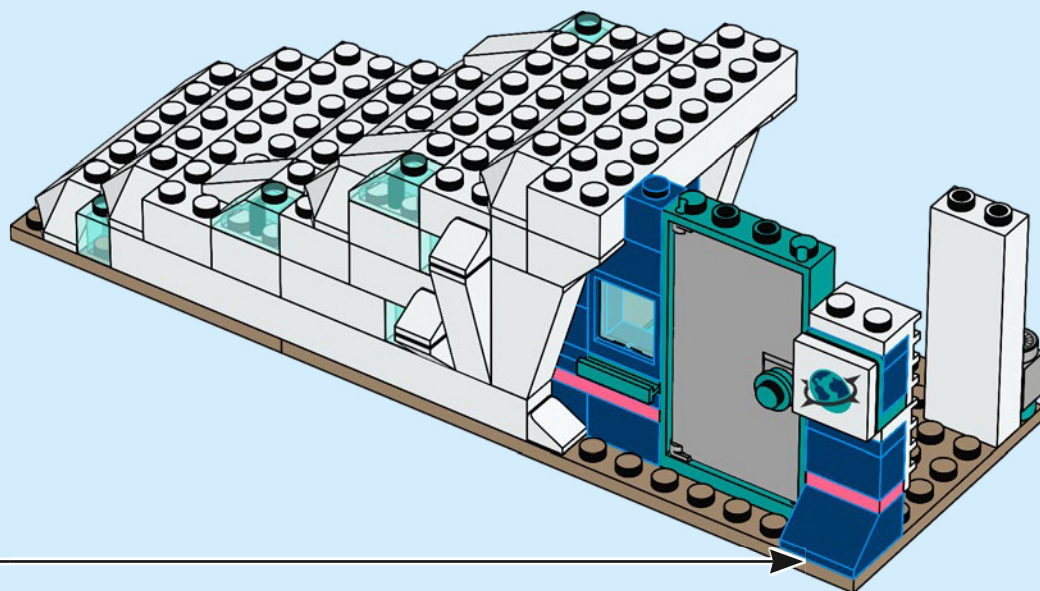
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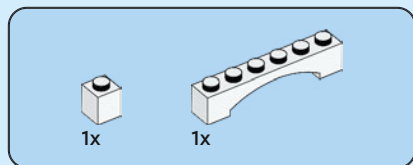


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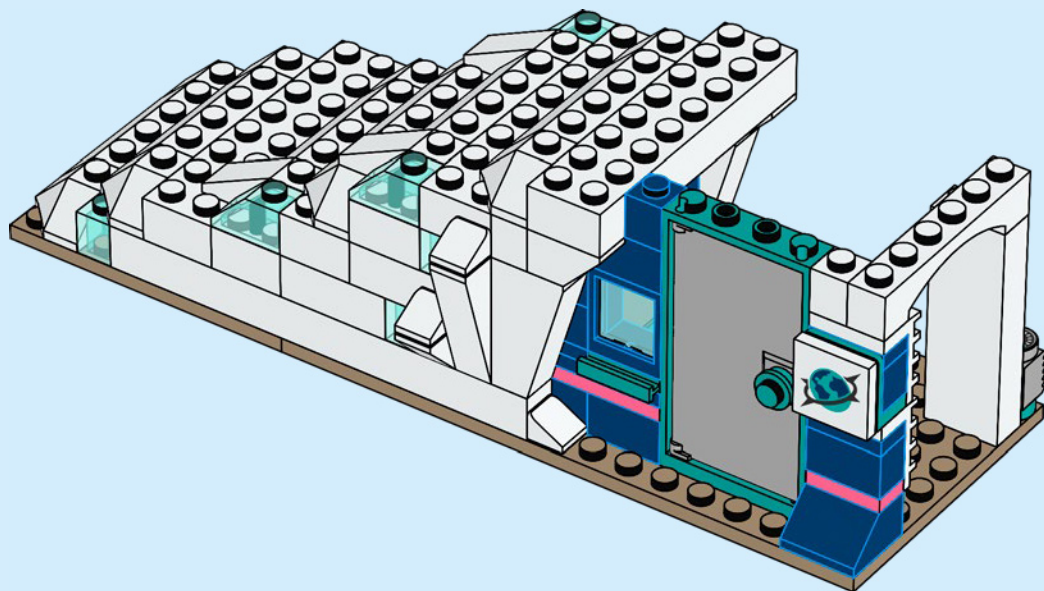


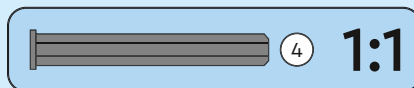
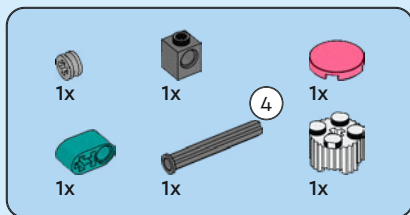
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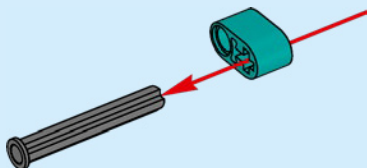
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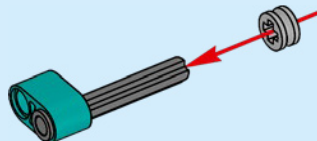


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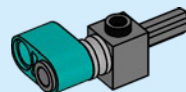
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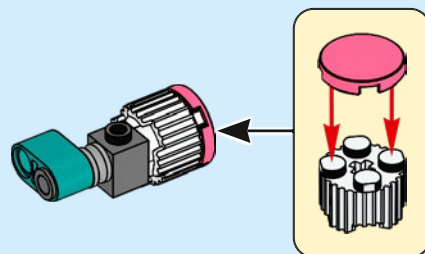
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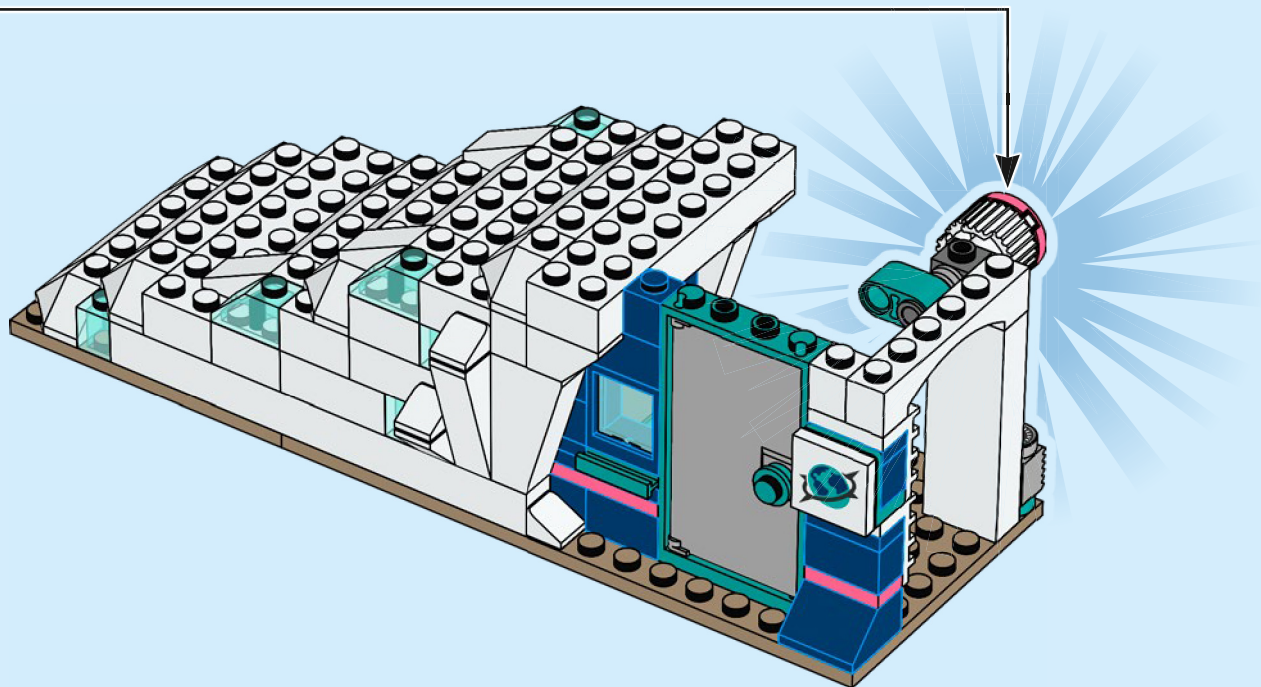


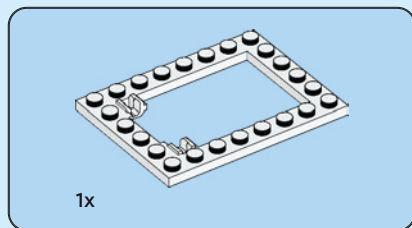
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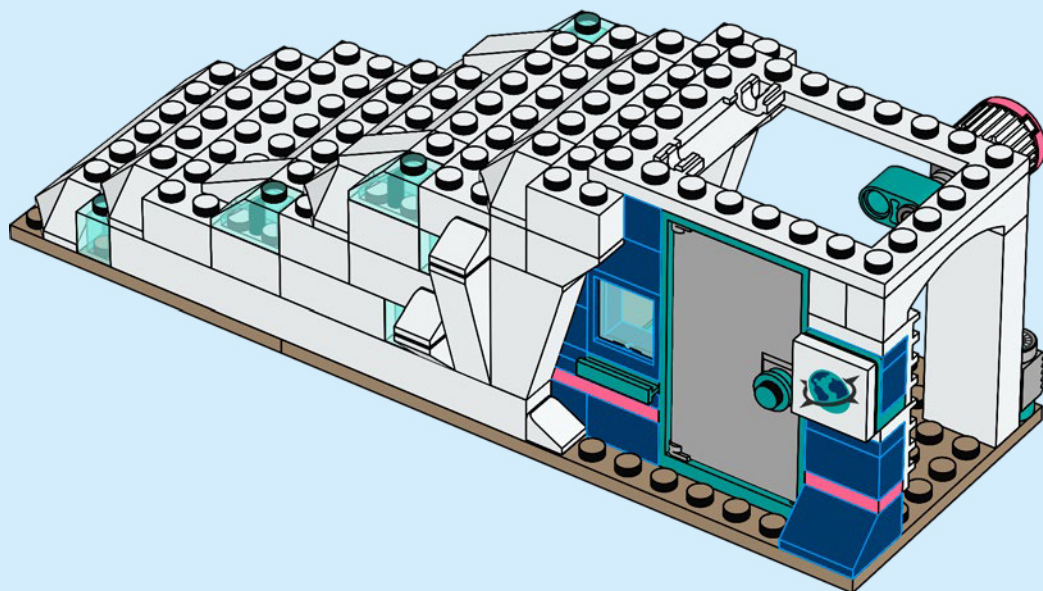
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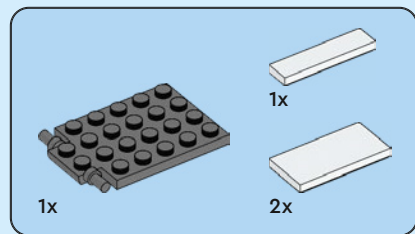




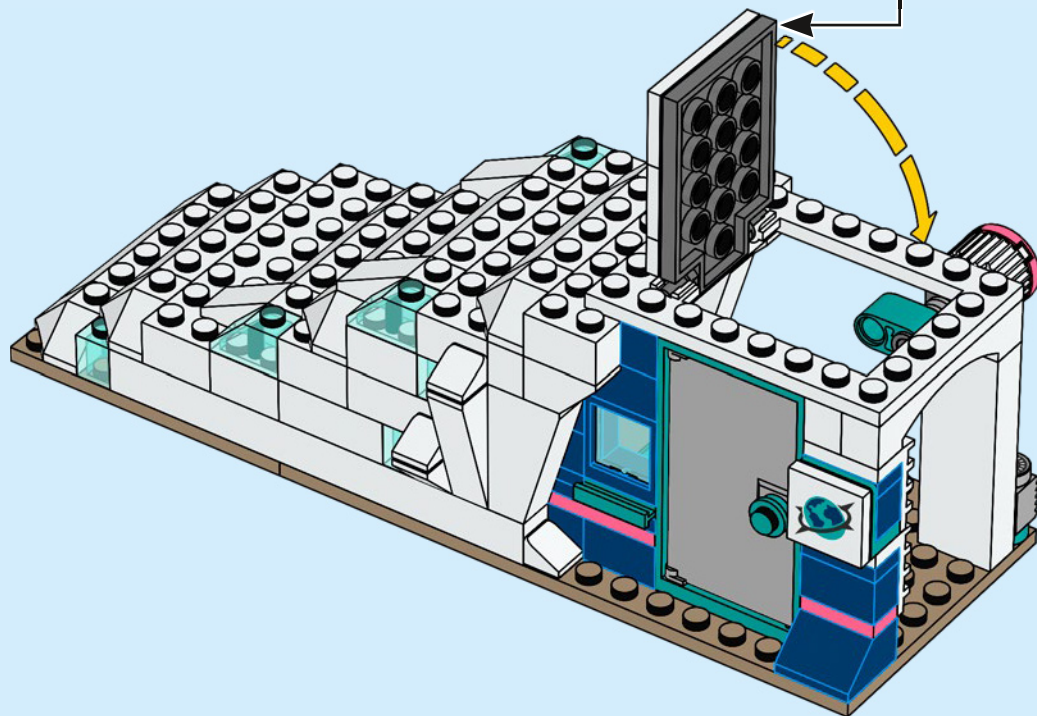
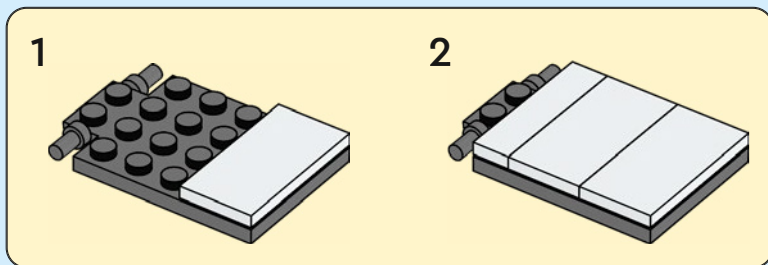


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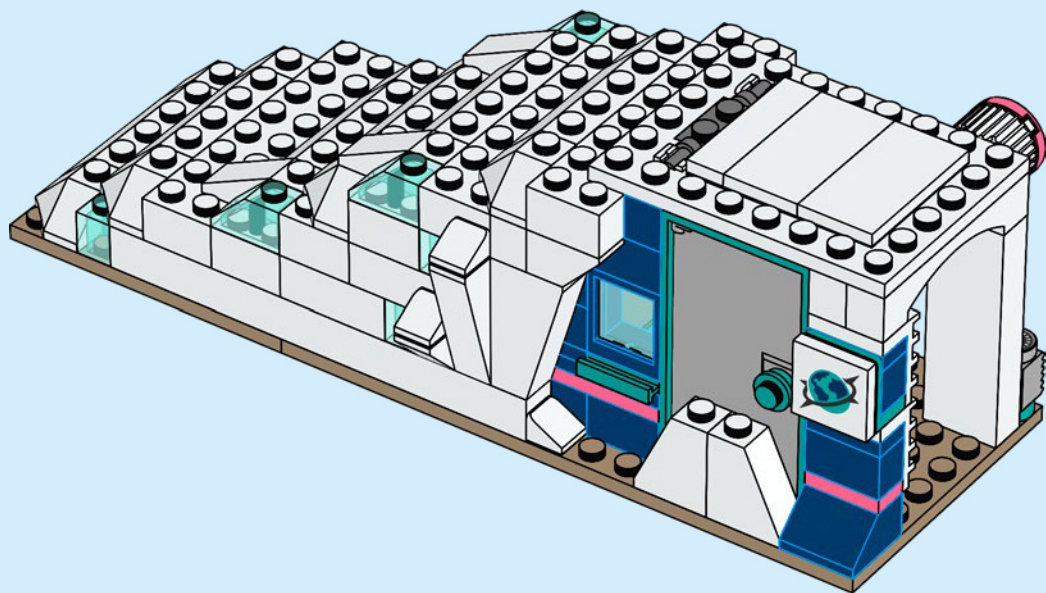


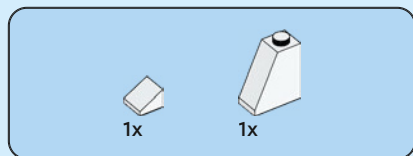




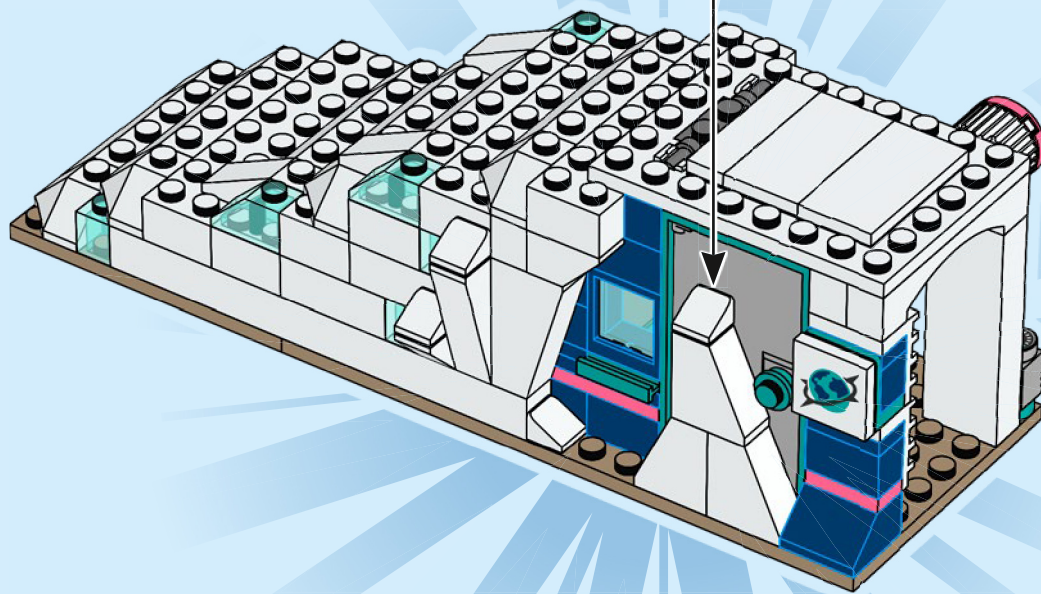
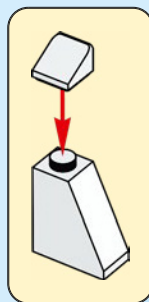
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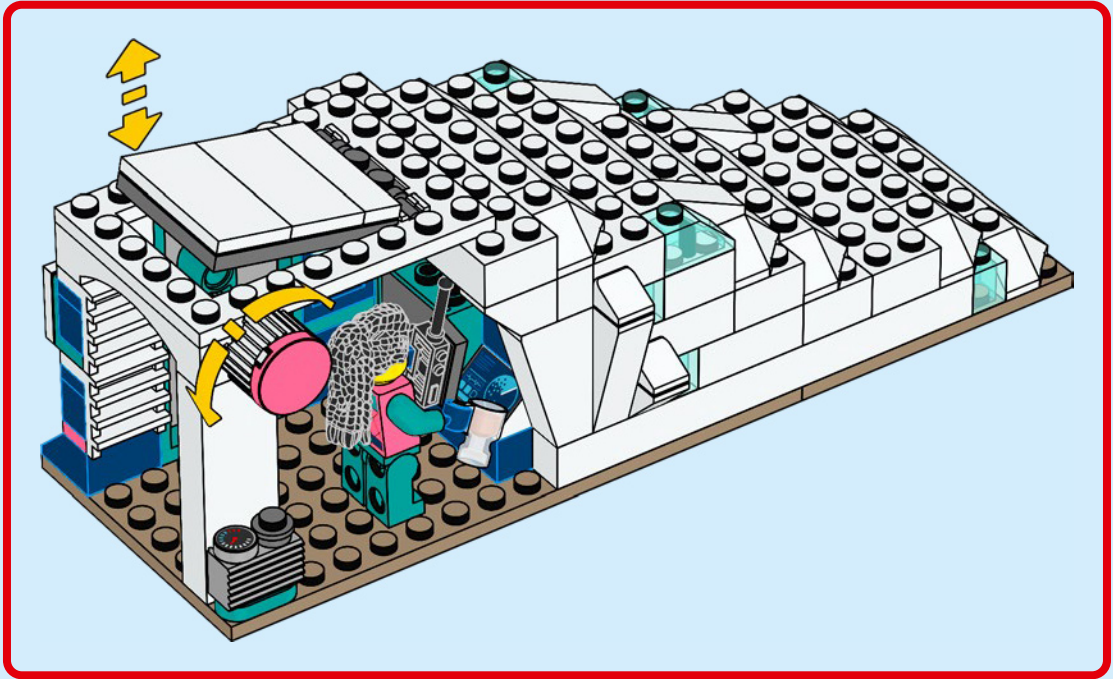
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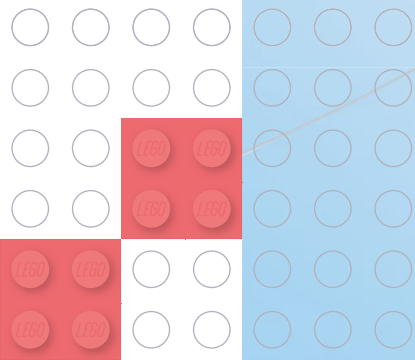




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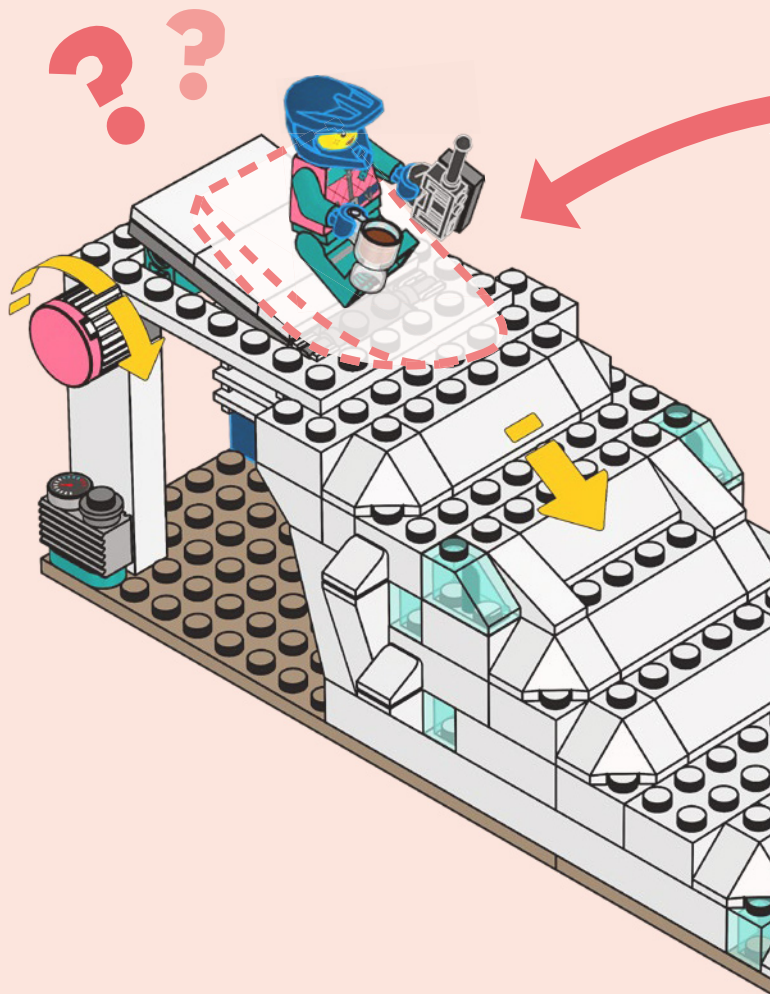


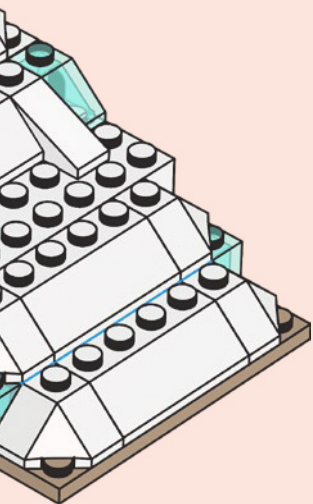
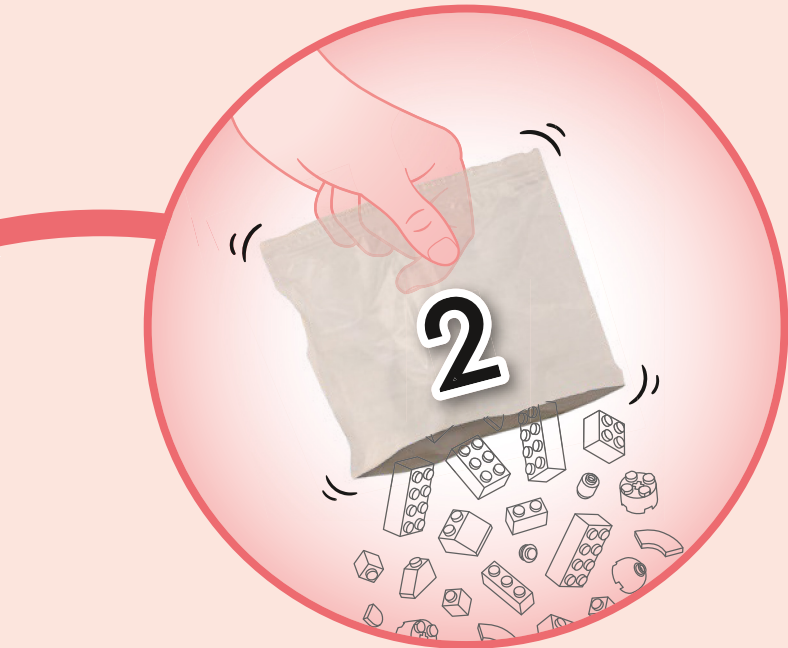




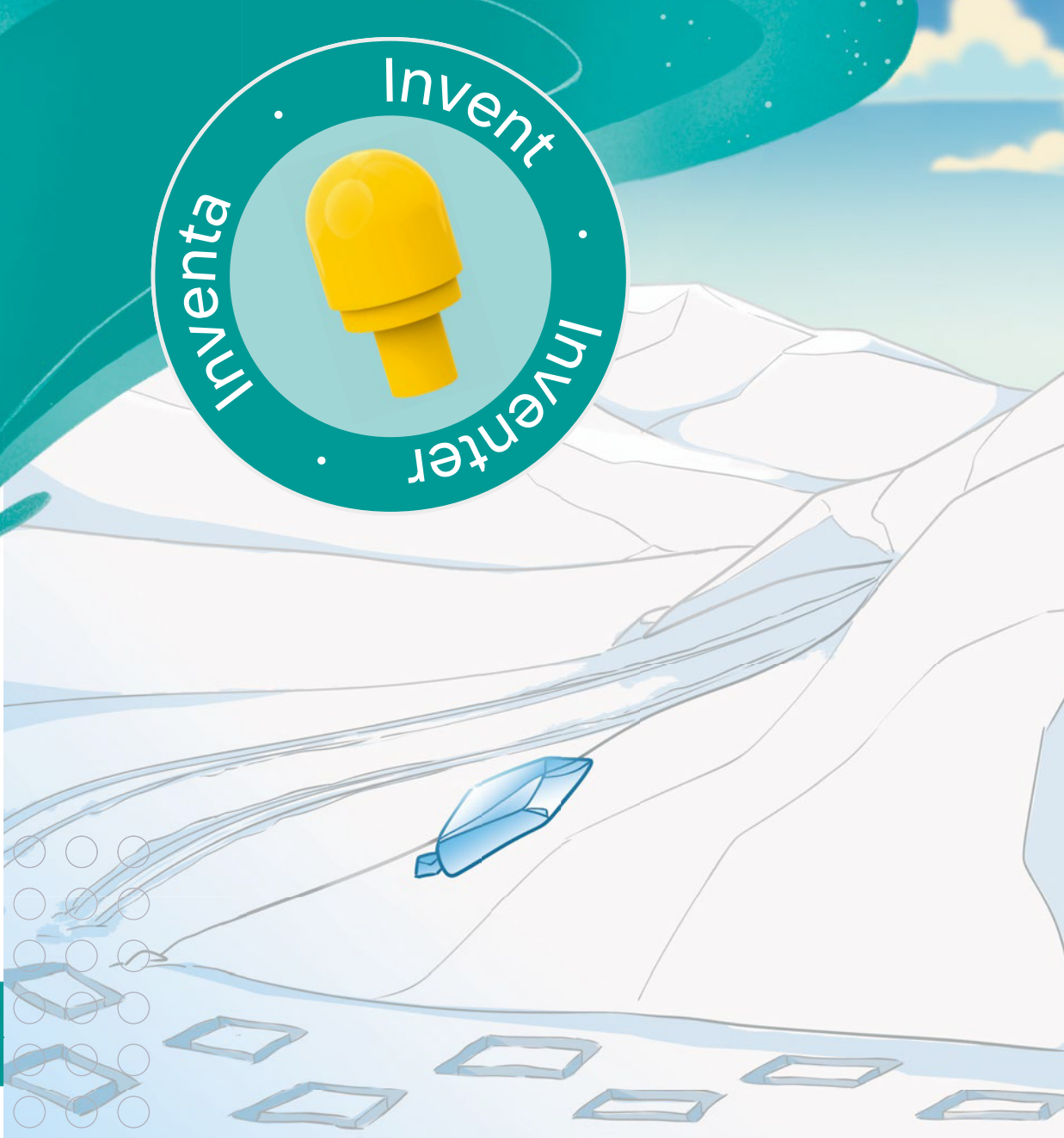
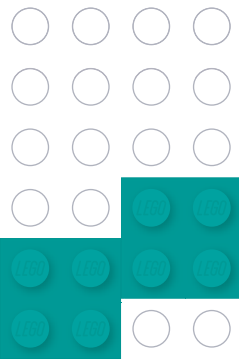


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2

