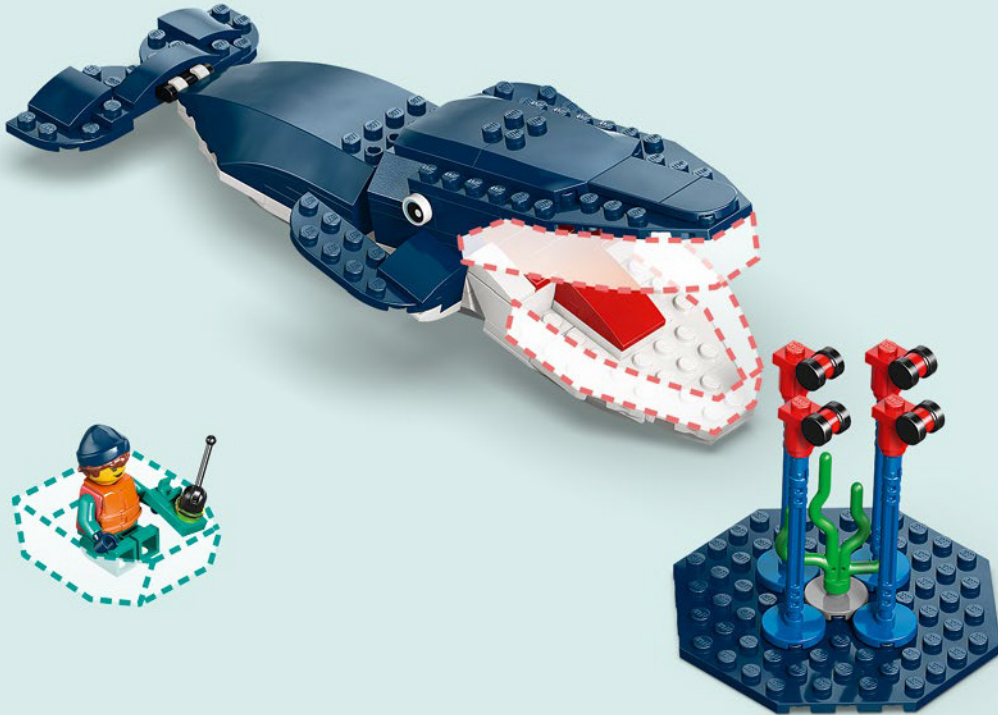




education™

Build
Solve
Invent™

45201



2

What are baleen plates?



This Life Science experiment is based on animal parts that help them grow and survive. Blue whales have parts inside their mouths called baleen plates. The plates filter out water when the whales eat the huge amounts of krill (tiny shrimp-like animals) they need to grow.



Build

Build: Build a blue whale and krill for it to eat.



Solve

Solve: Create baleen plates to help the whale eat the krill without swallowing the water.



Invent

Invent: Design a boat for the scientist to follow the whale in order to place a tracker on it.

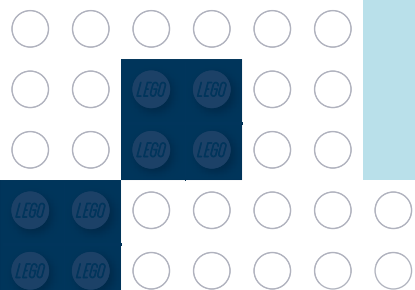
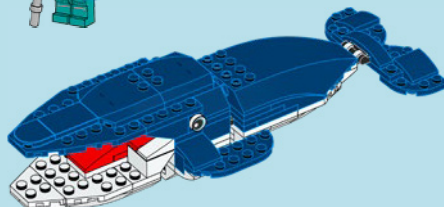
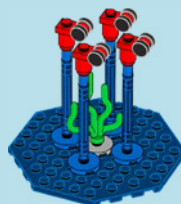
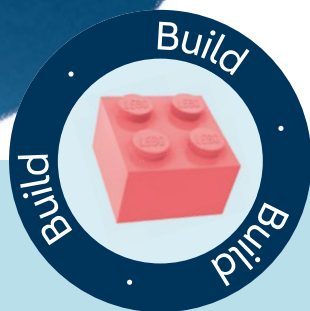
You can support learning and spark curiosity by asking questions such as:

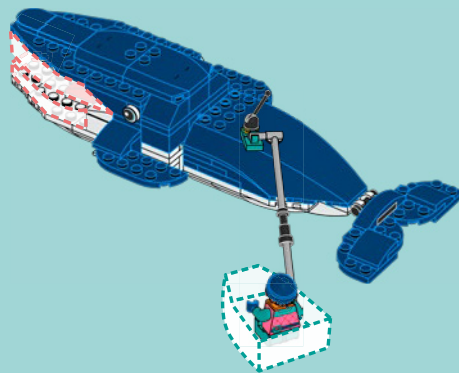
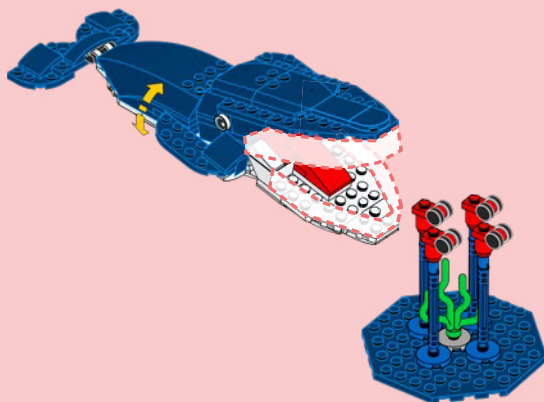
- How did adding the baleen plates change the whale's eating experience?
- Why do you think the scientist wants to track the whale?
- Do you think all whales have baleen plates? How else might they eat?

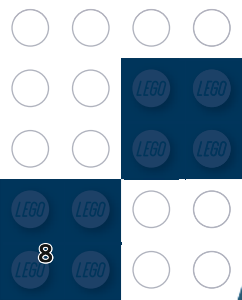
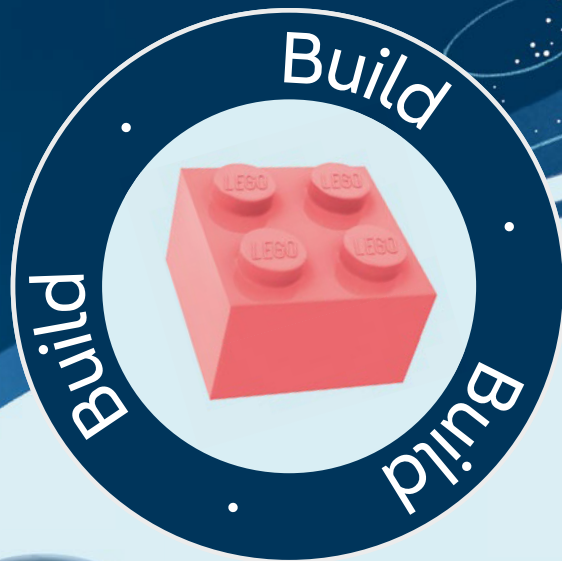
















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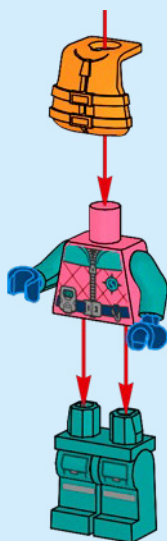


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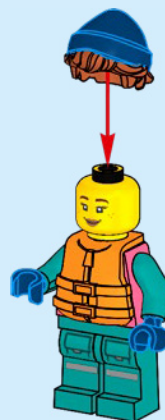


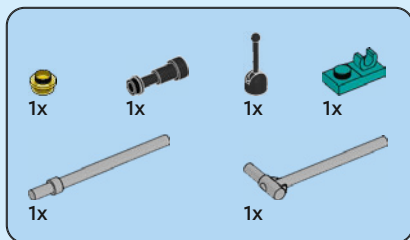
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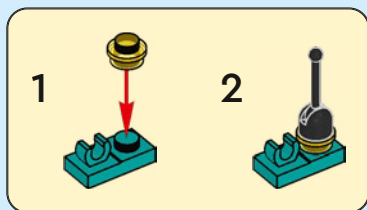
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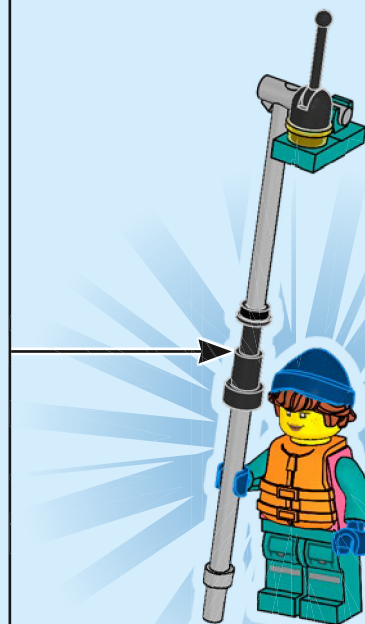
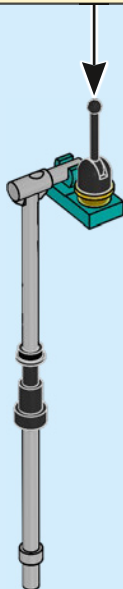
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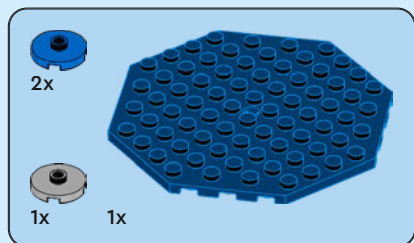
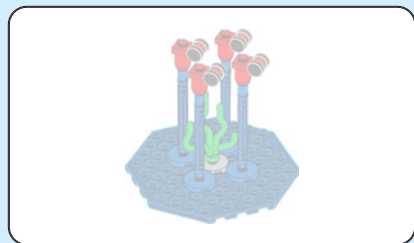


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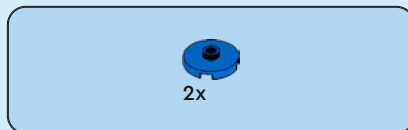
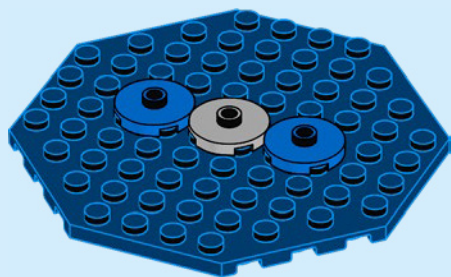


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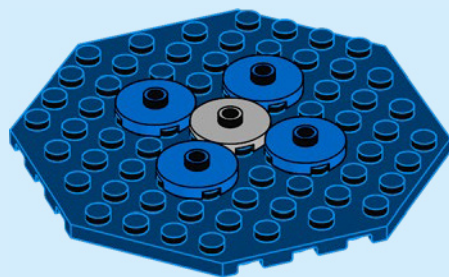


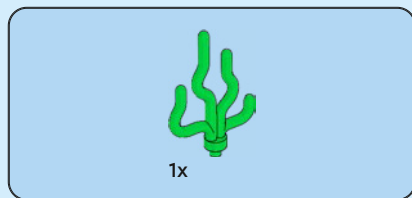


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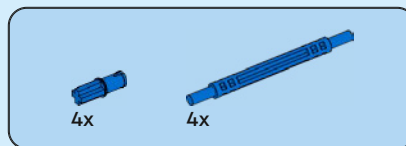
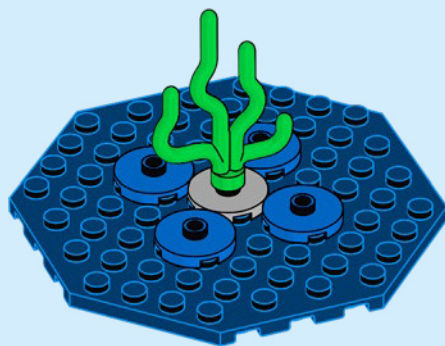


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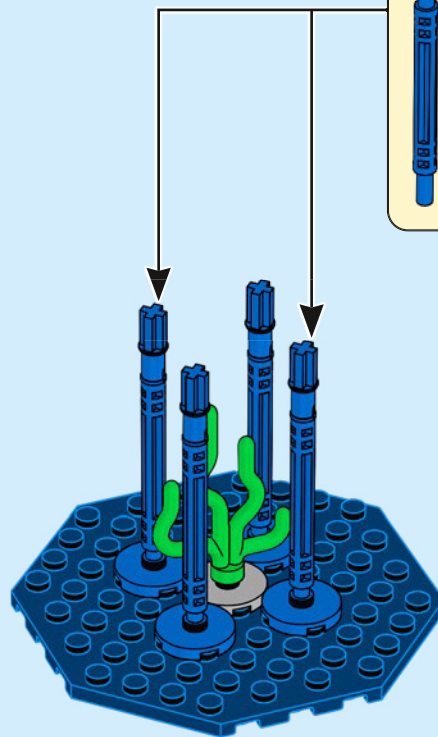
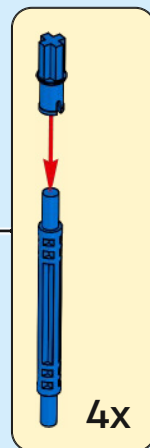




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4





4x



4x



8x

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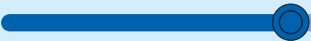
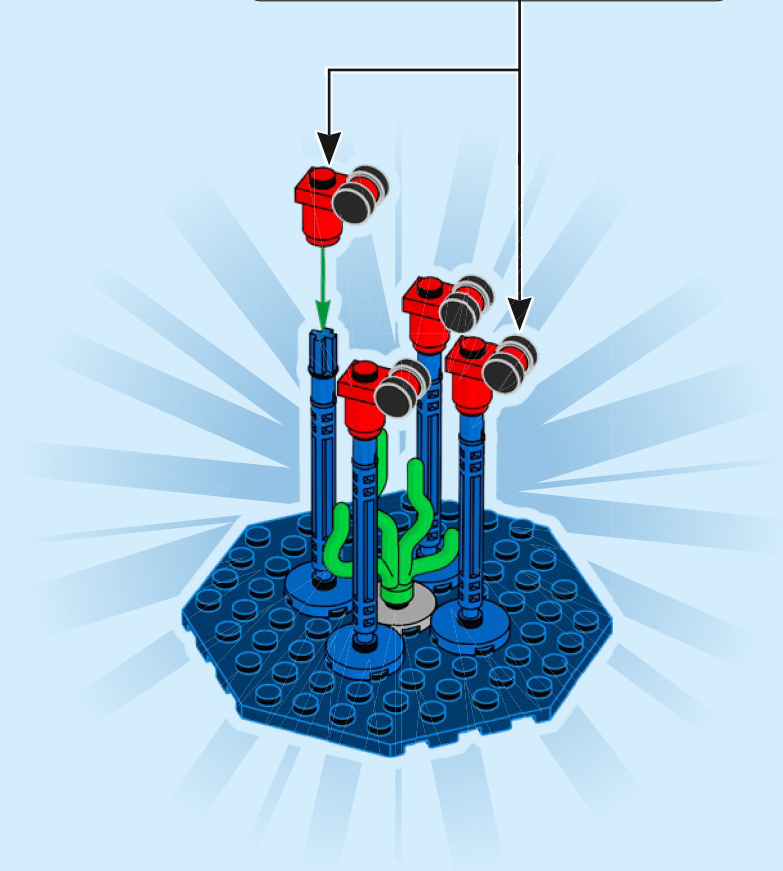
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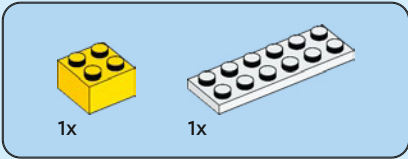
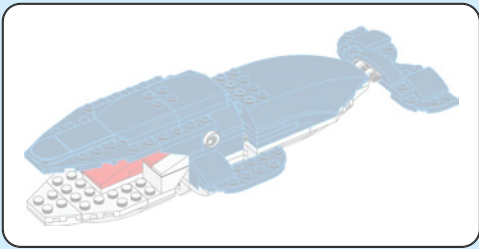

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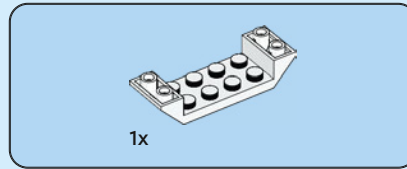
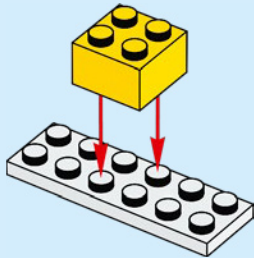


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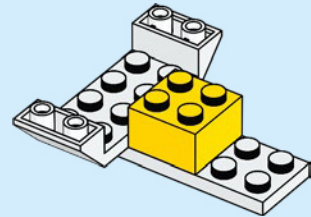


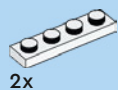


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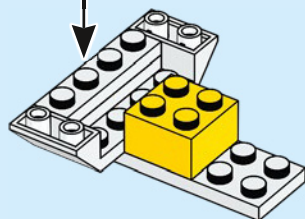
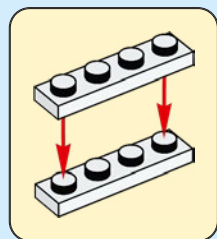


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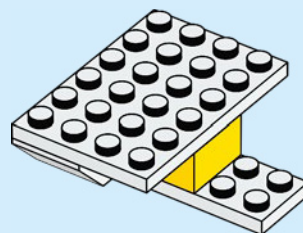


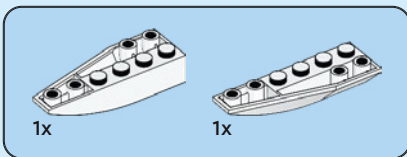


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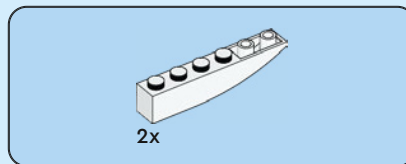
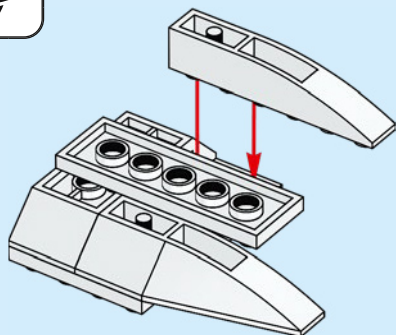


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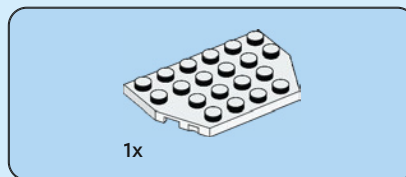
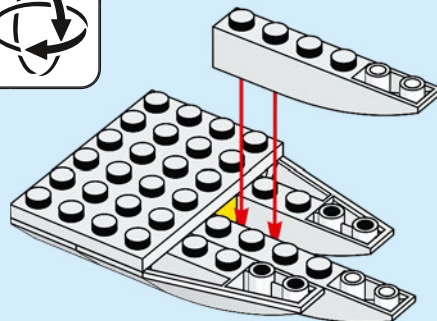




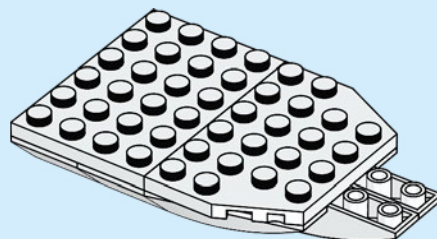
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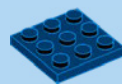
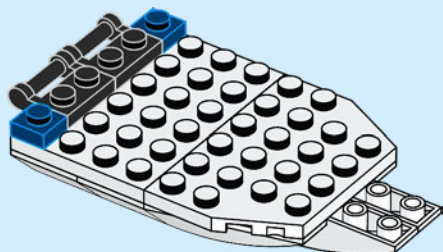
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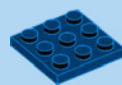
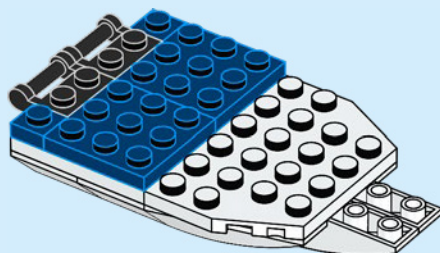
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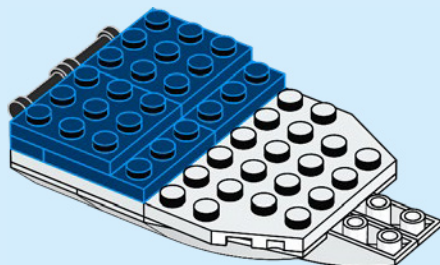
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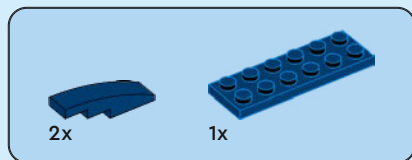
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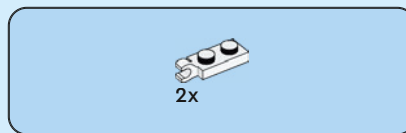
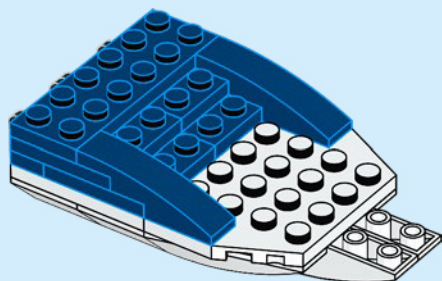
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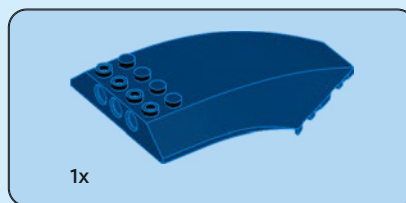
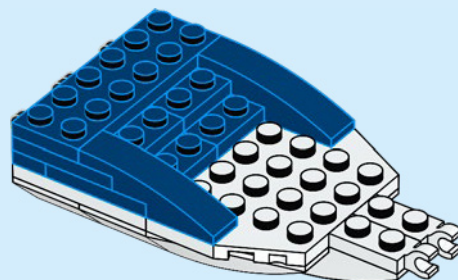




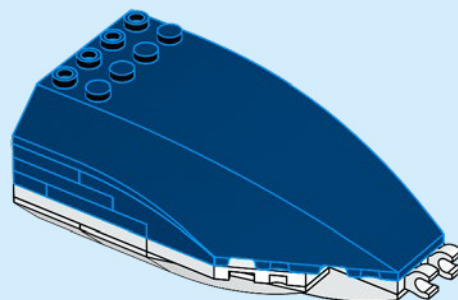
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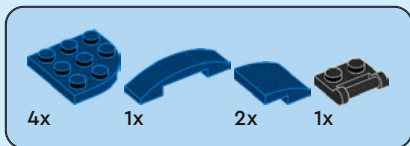


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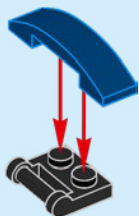
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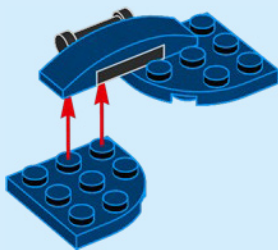


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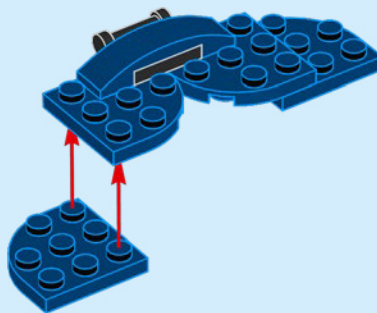
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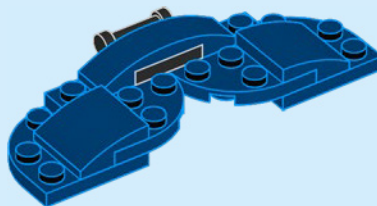
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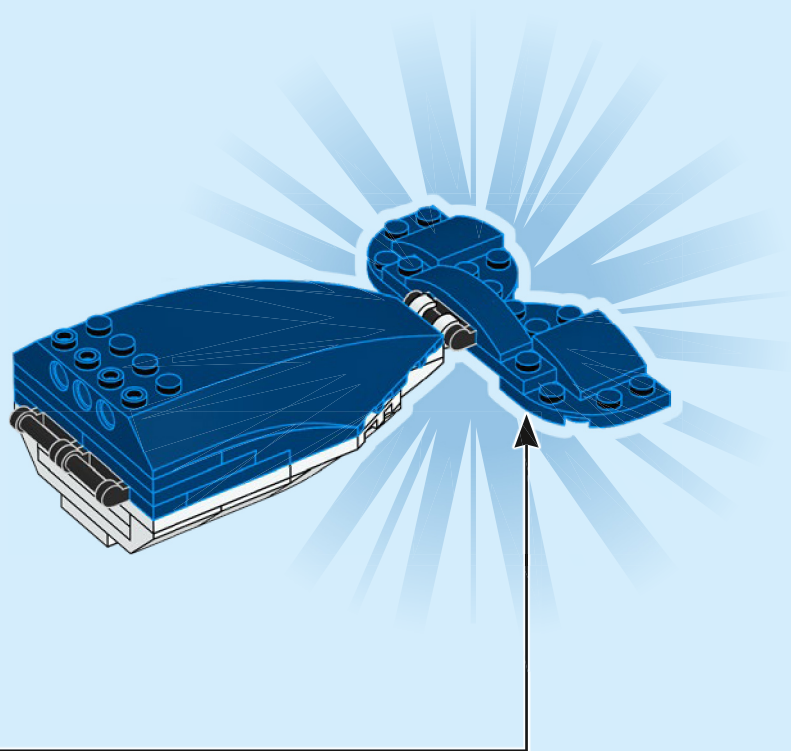


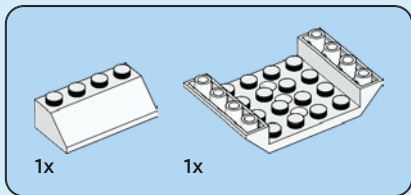
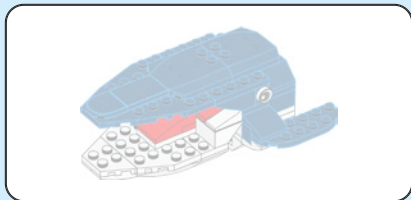
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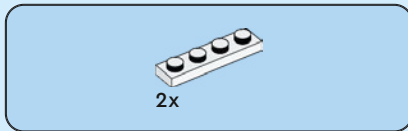
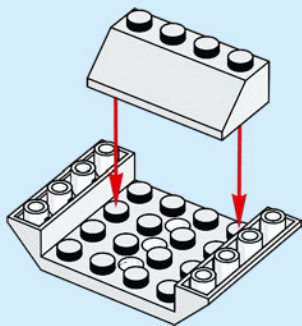
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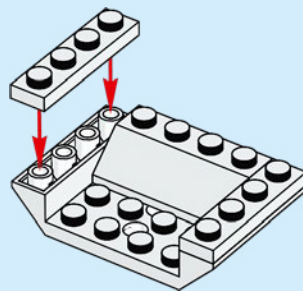




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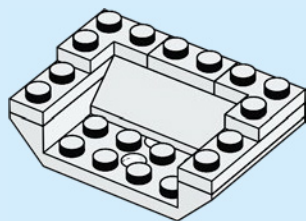


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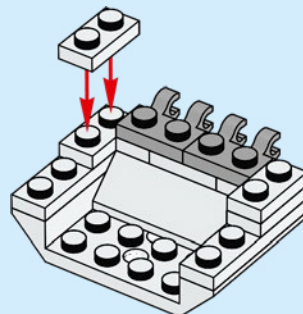


2x



2x

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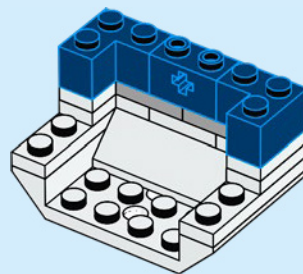


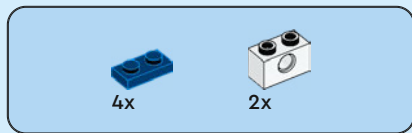
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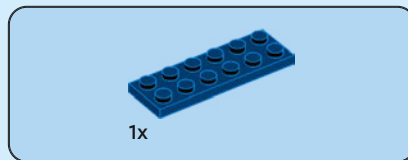
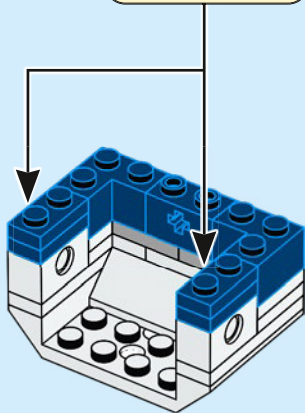
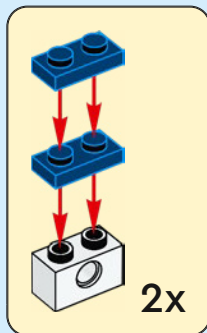
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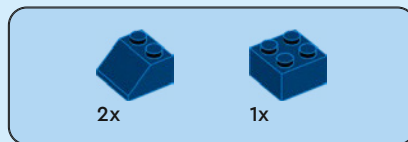
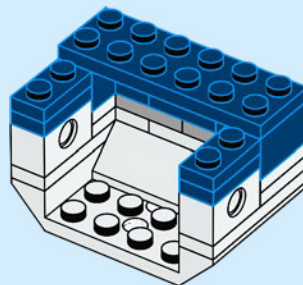




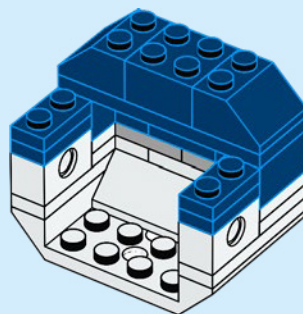
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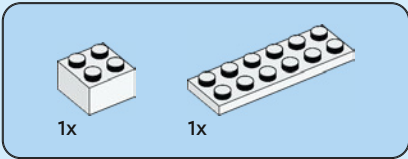
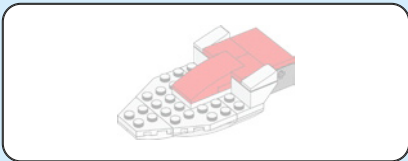


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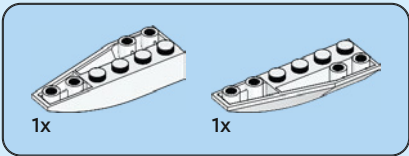
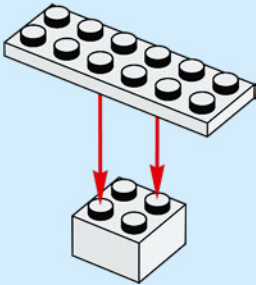


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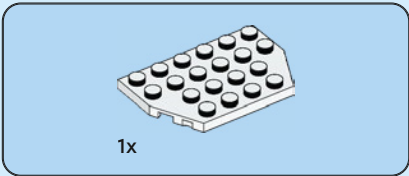
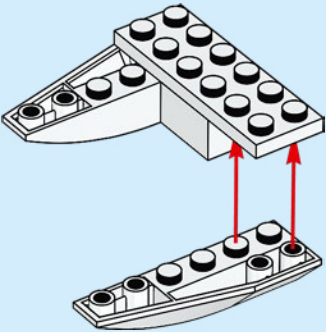




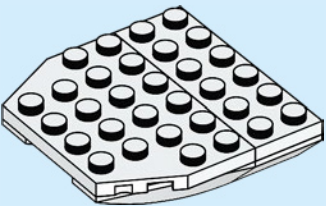
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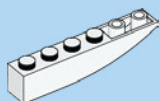


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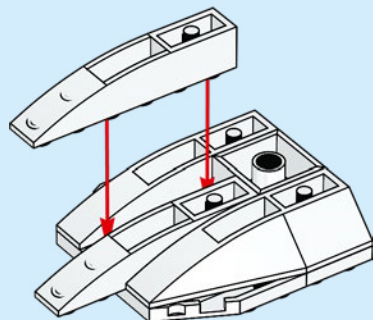
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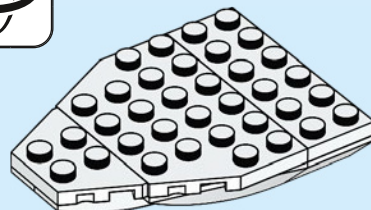
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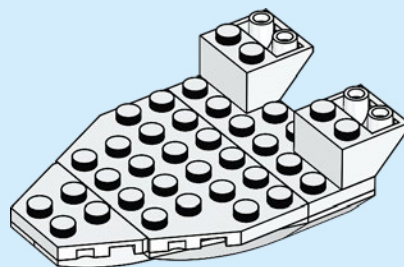
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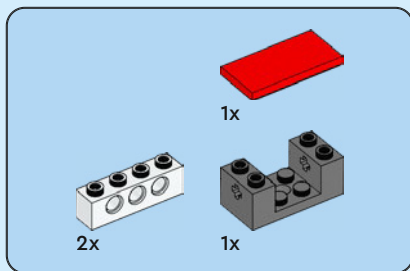
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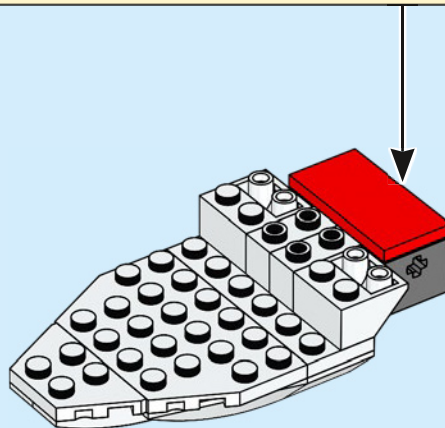
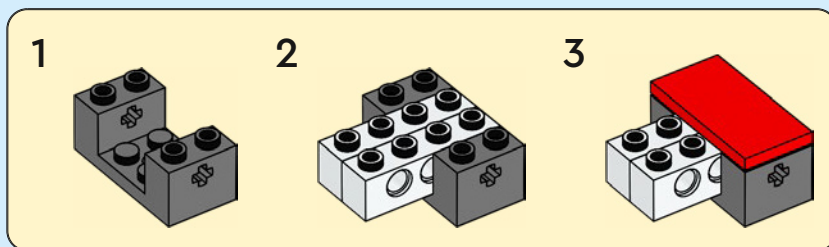
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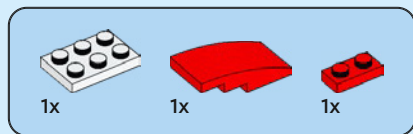
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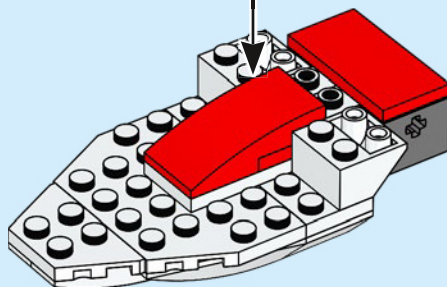
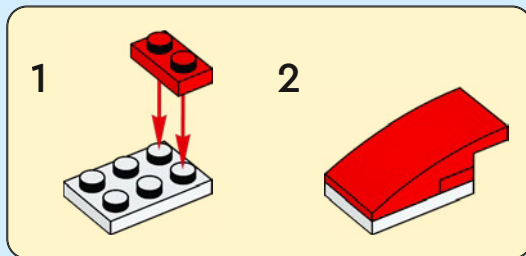


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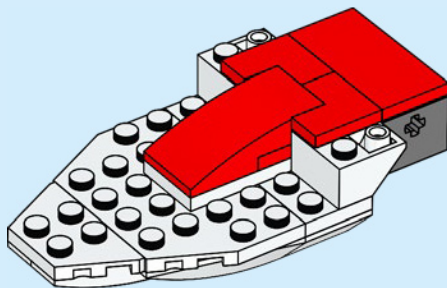
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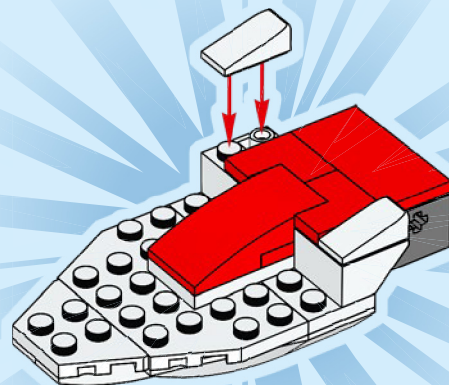
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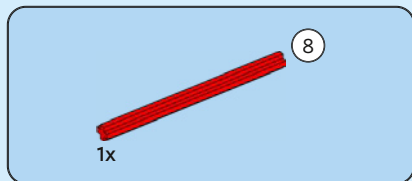
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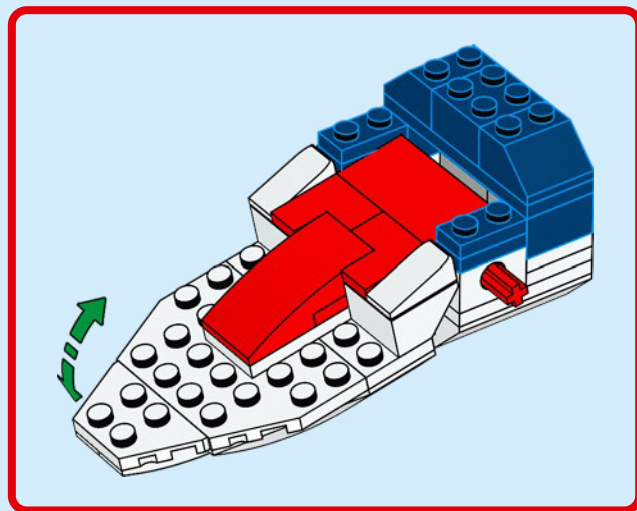
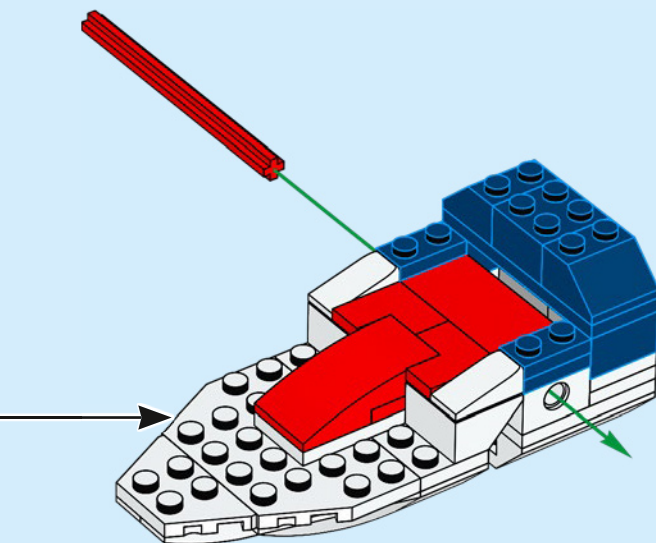
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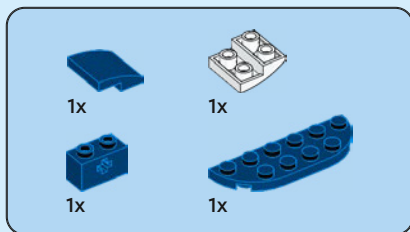
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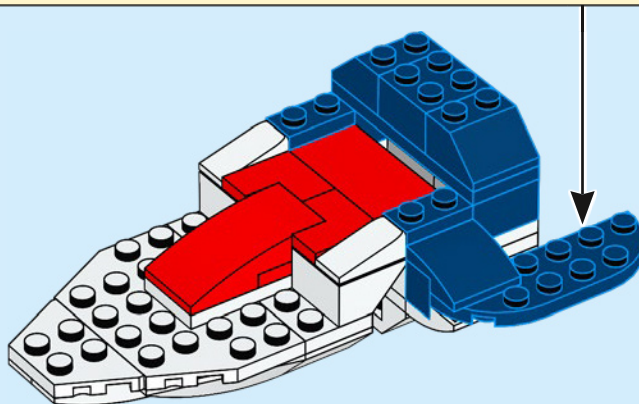


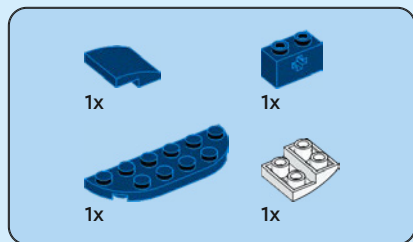
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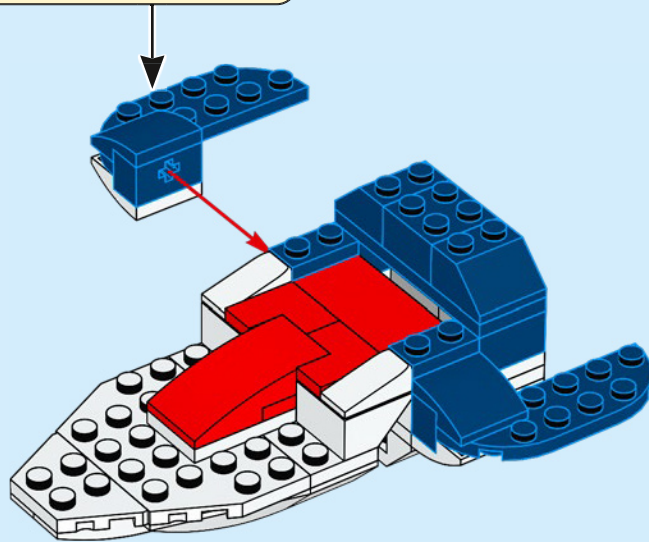
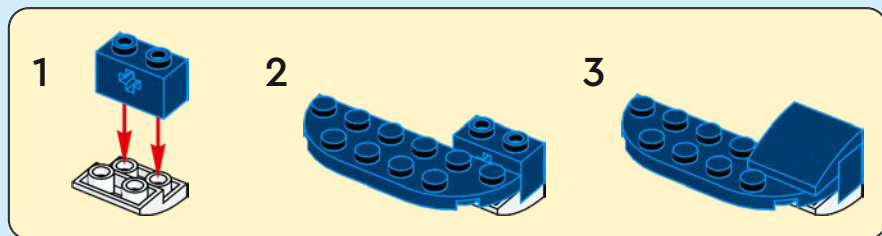


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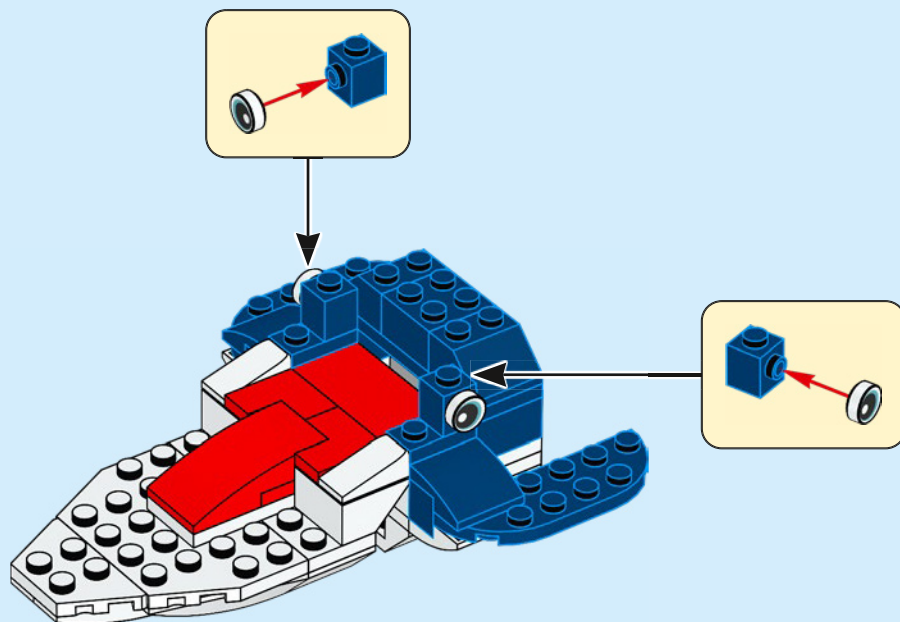
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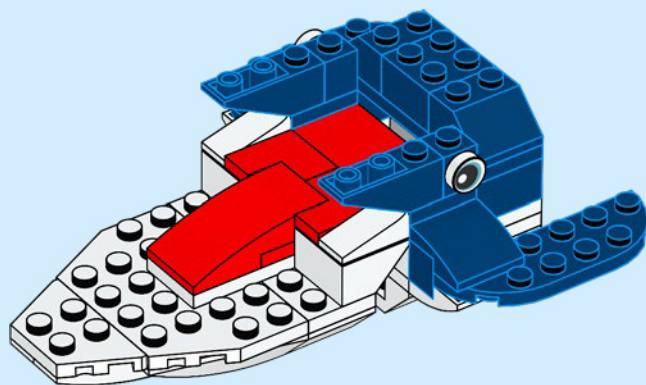
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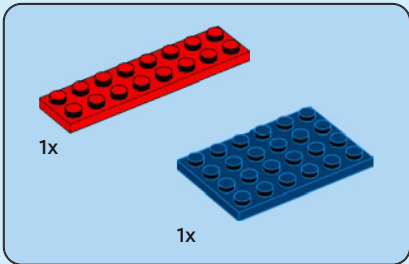
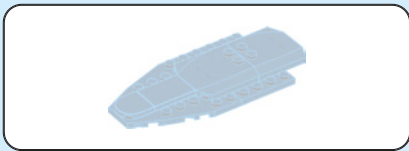




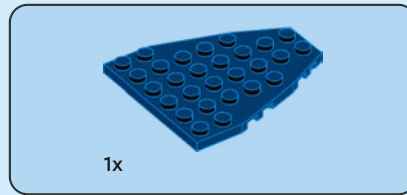
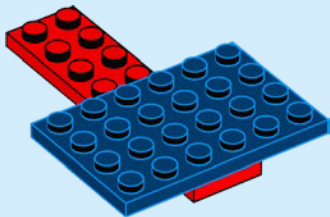
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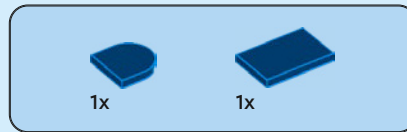
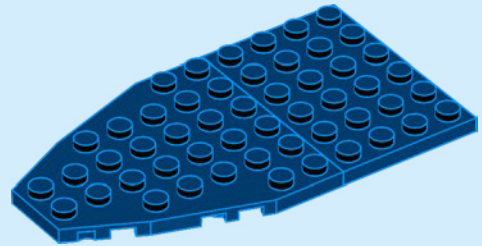




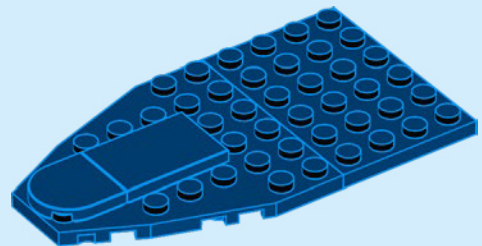
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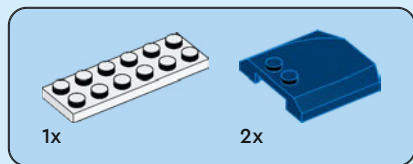


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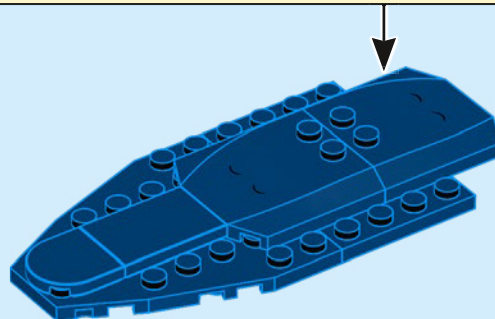
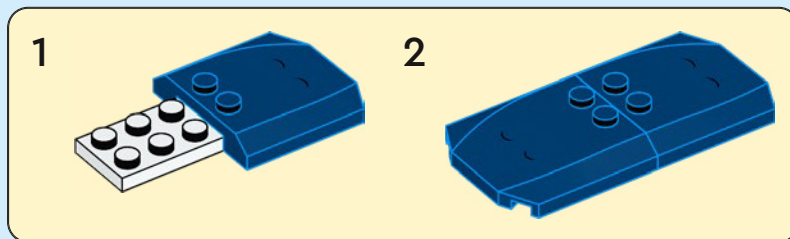


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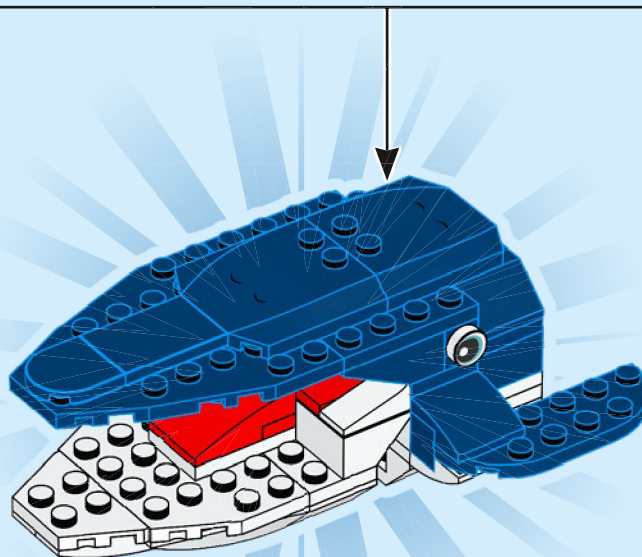




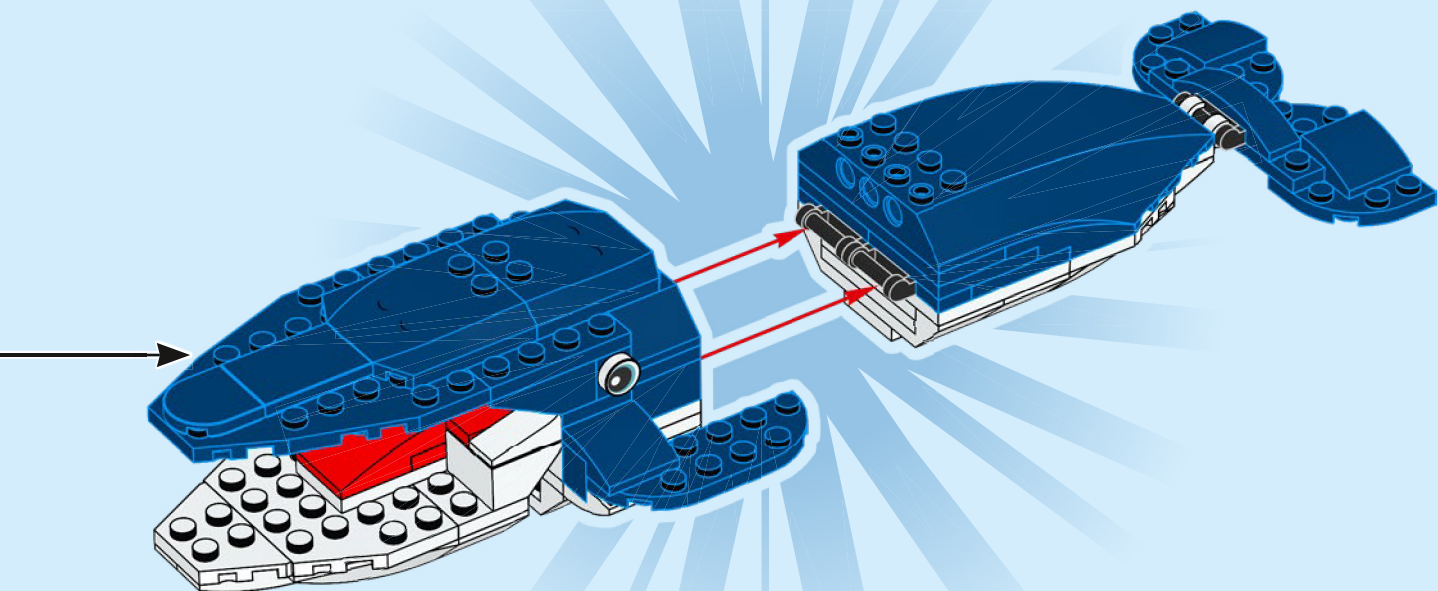
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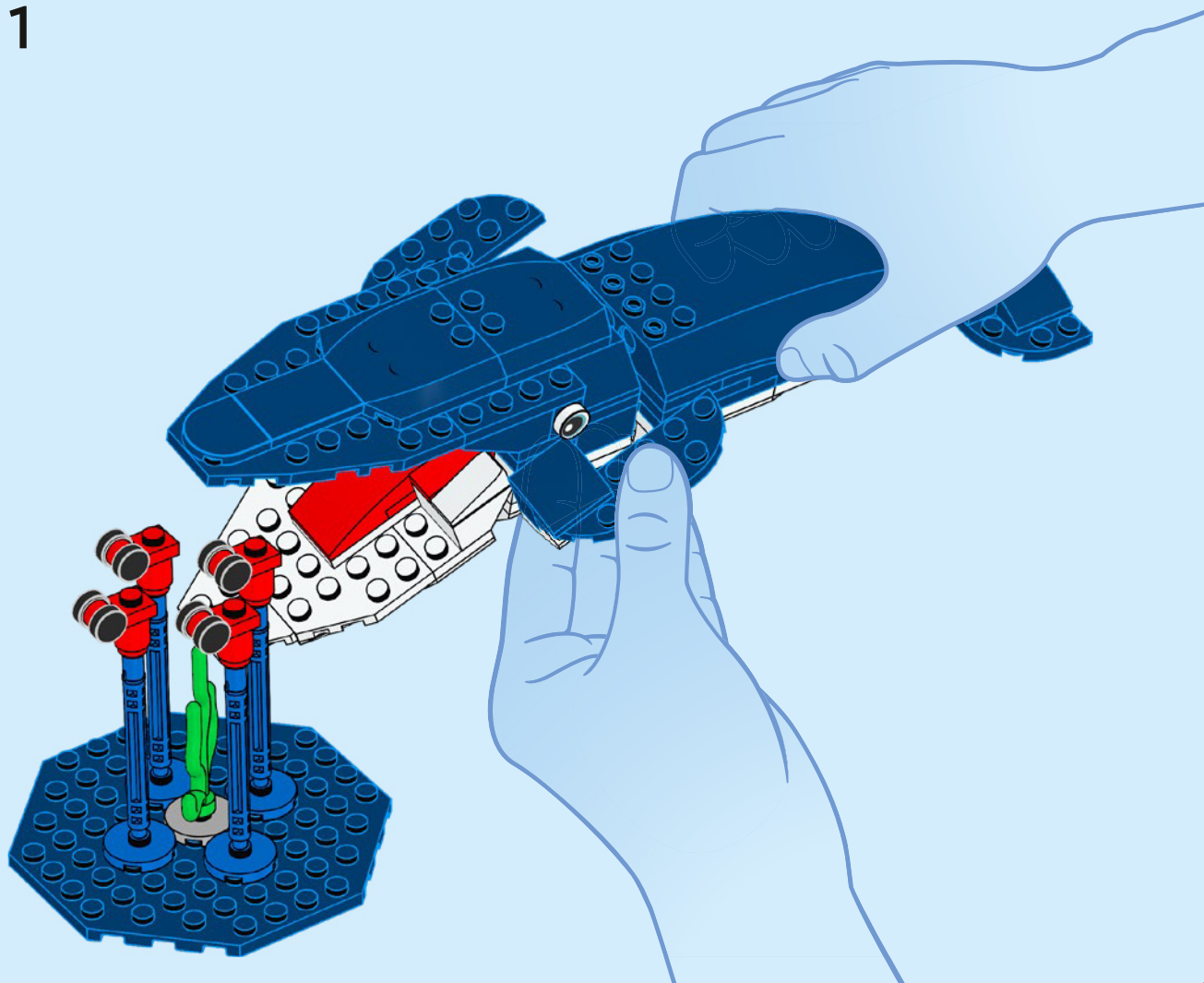
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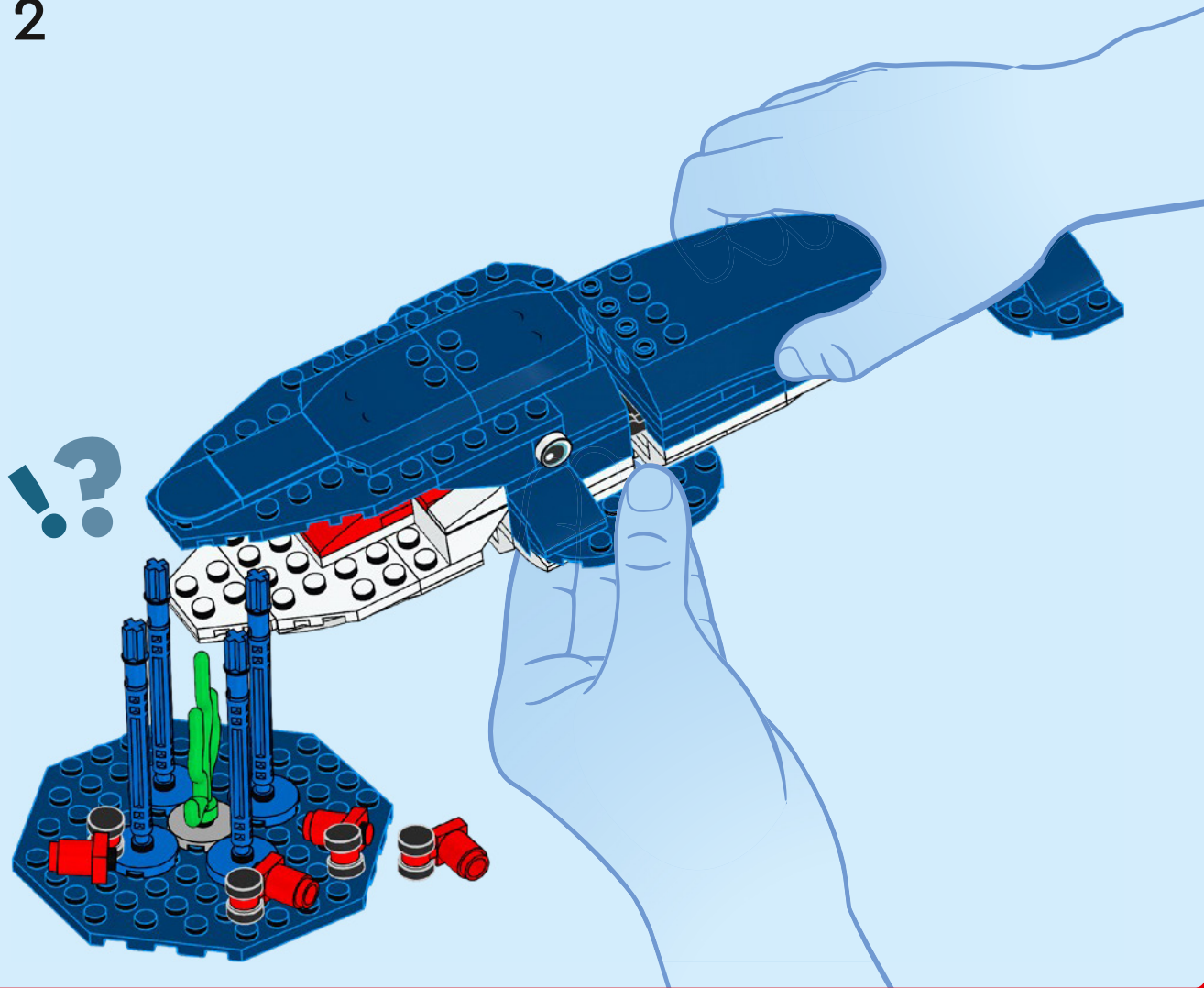
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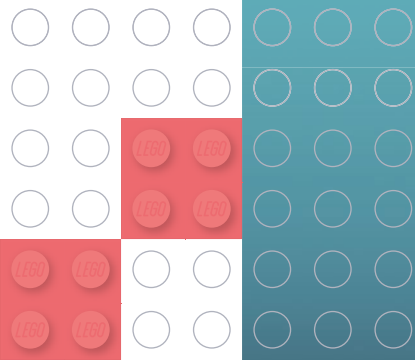


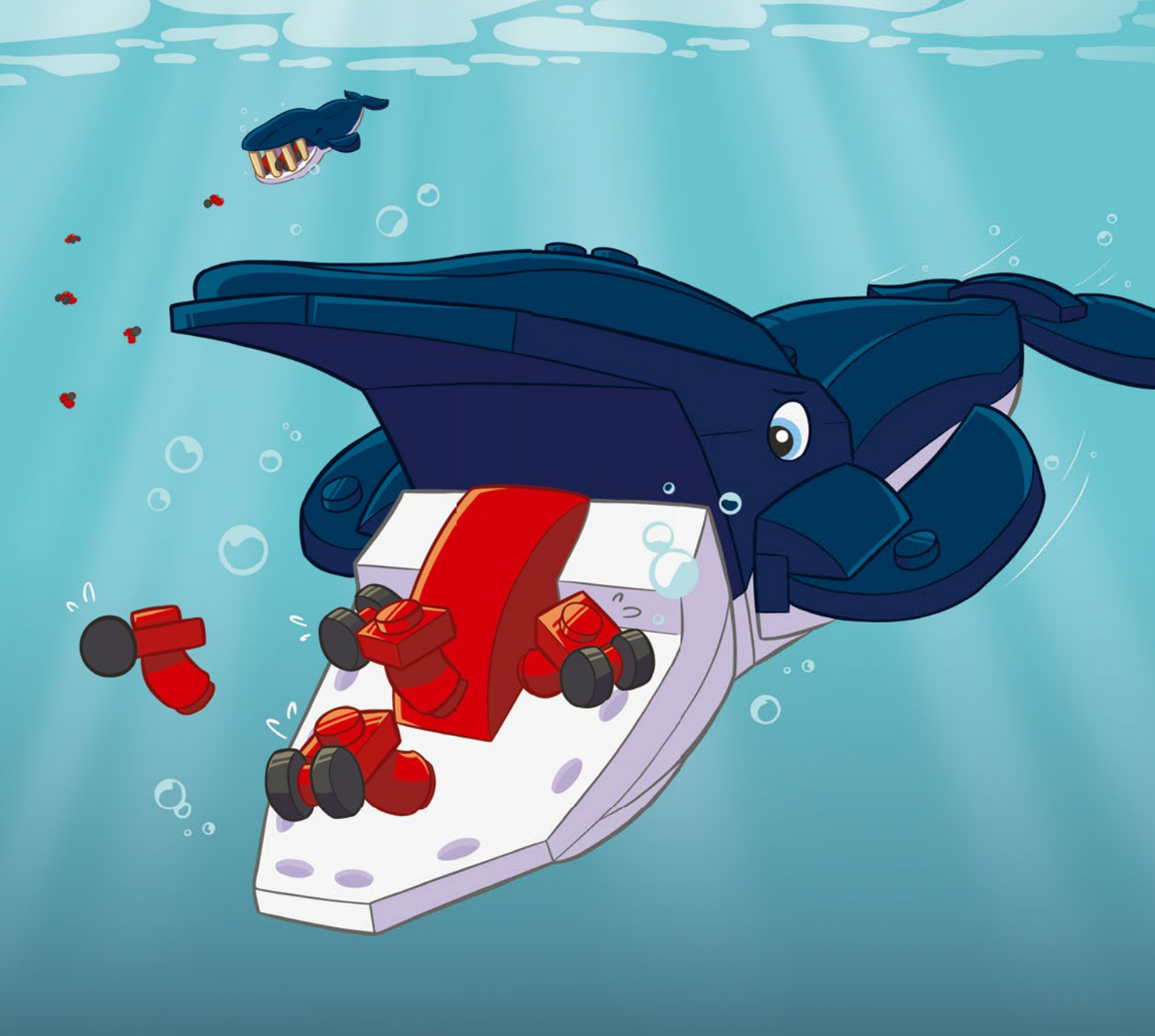
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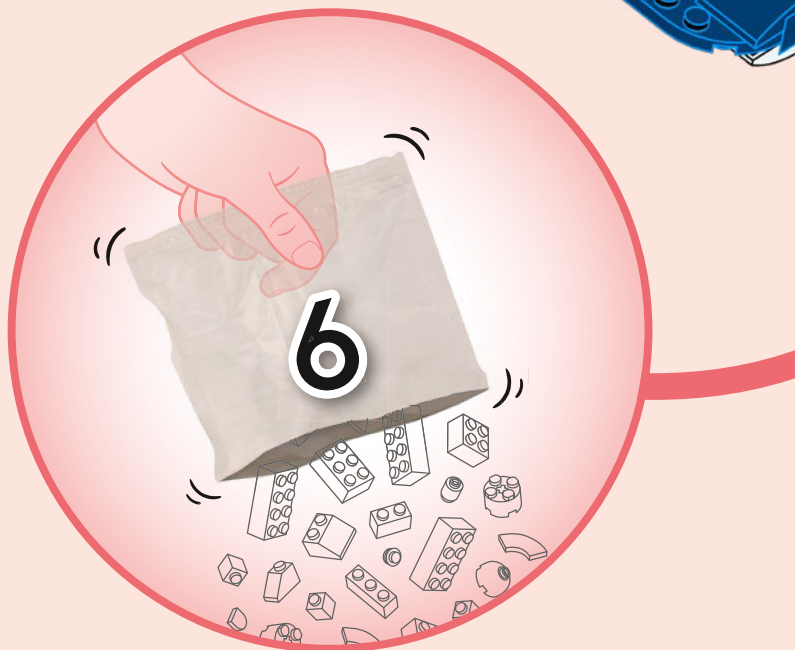
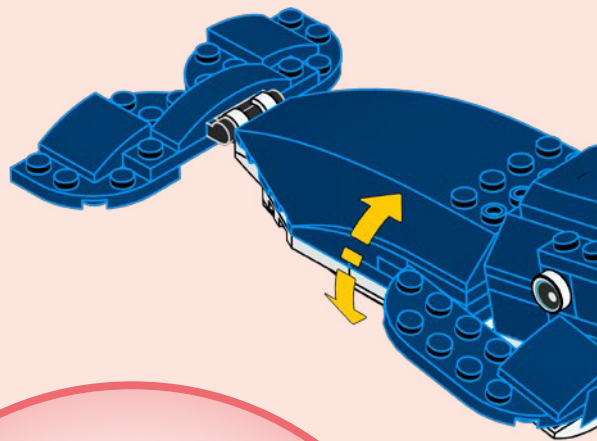


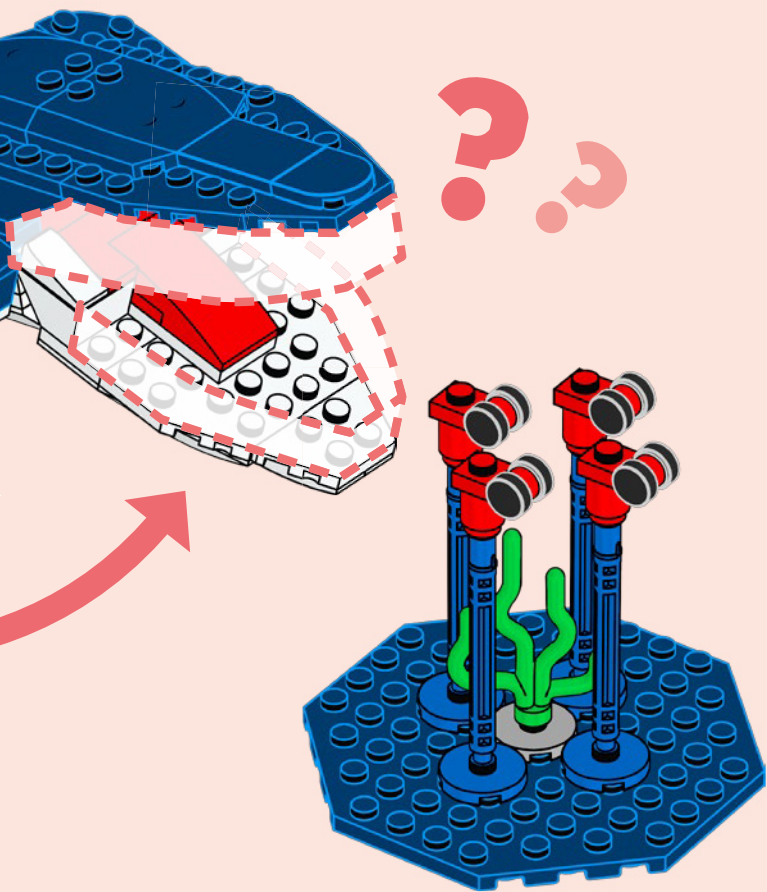


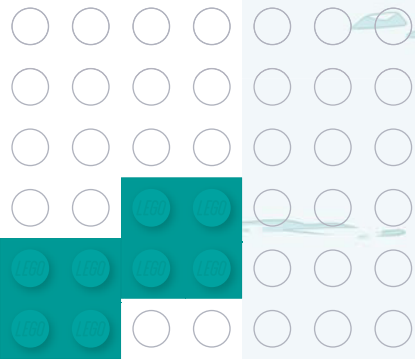




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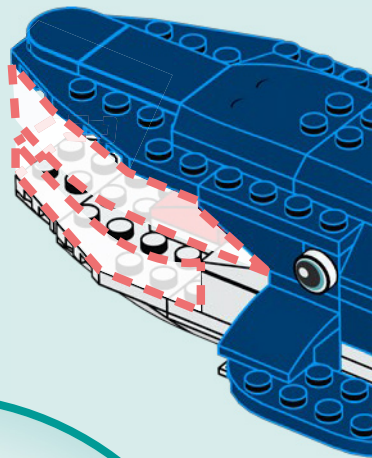


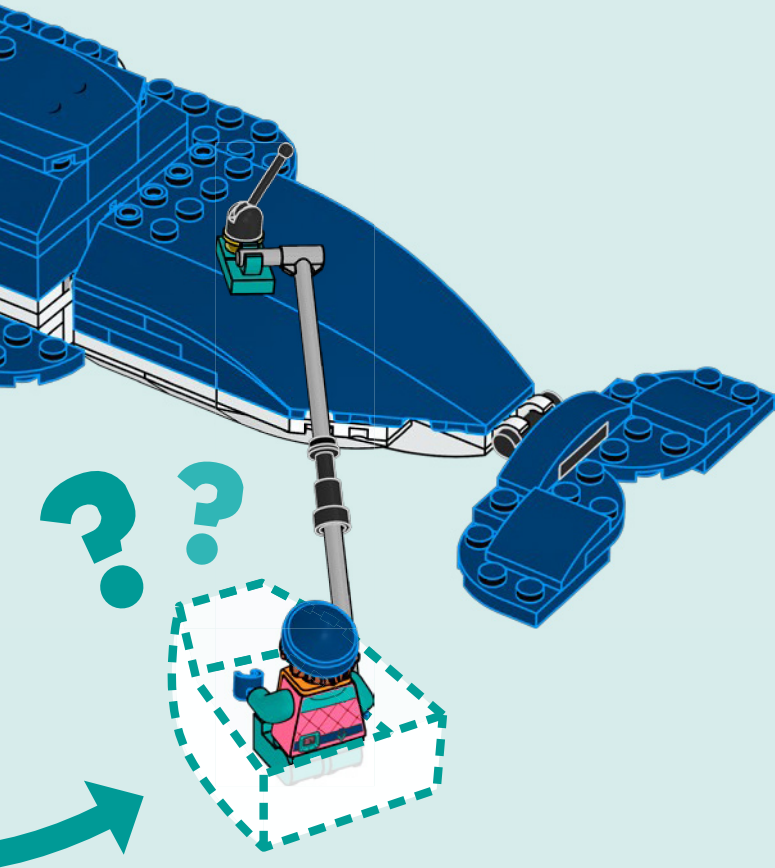






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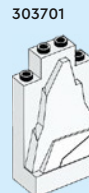
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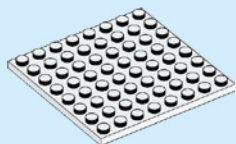
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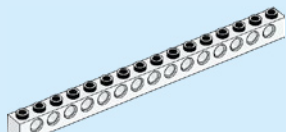
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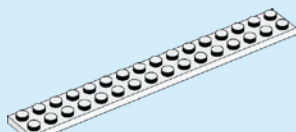
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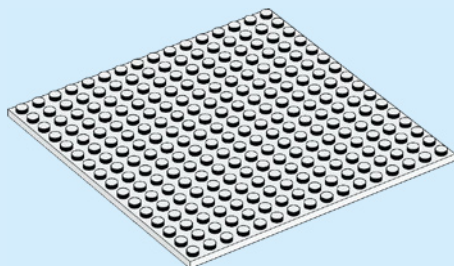
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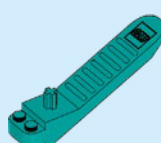
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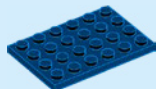
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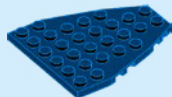
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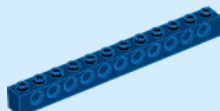
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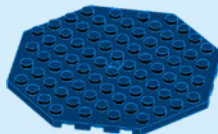
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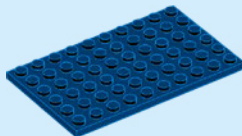
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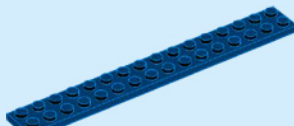
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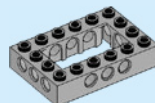
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6x
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4x
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