

What is STEAM ?

An education model to cultivate creative talents by fusing
Science · Technology · Engineering · Arts and Mathematics



ACE LAB



Foundation



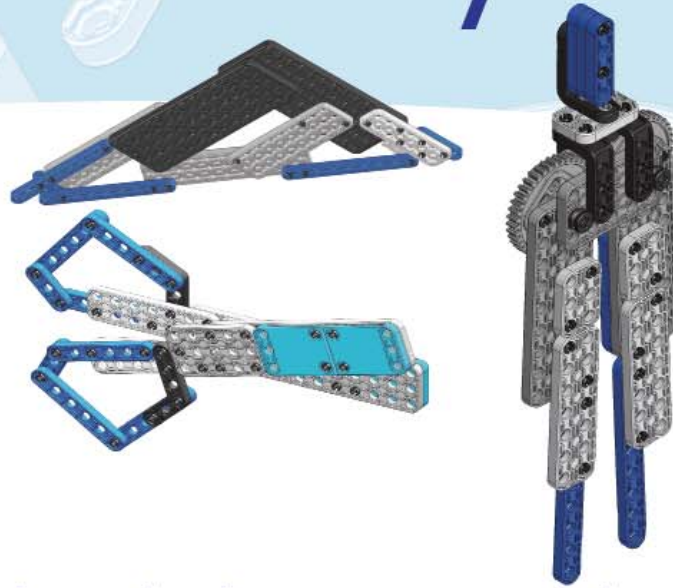
GOD DESIGN China Good Design

 **robotron**
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Education Objective

- How to assemble and disassemble Ace Lab

Stationery Set



Let's Learn

What do fire, a bowl, a wheel, paper, gunpowder and letters have in common?

They are all great inventions of humanity that enabled us highly-advanced civilization. The paper, in particular, accelerated the development of the civilization by making the accumulation of knowledge possible.

In the past, the stationery was also called “Mun-bang-gu”, referring to writing supplies in Korean. Writing brushes in the East and pens in the West have long been considered as important stationery together with paper.

However, in modern days, education has expanded in a more diverse way to maths, science, technology, arts and physical education. This trend led to development of more diverse stationeries as well.



- Look for the principles of maths and science in stationeries we use.
- Compare the stationeries of the past and the present, and forecast what's to come in the world of stationeries in the future.

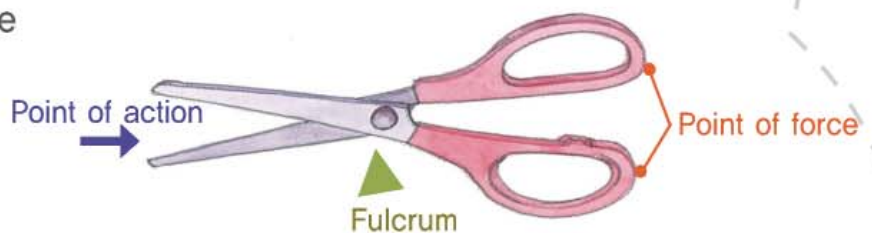
The scissors used when cutting paper or clothes are based on the principle of levers.

A lever is a device that lifts heavy objects using a small amount of force.

Fulcrum that supports the lever

Point of force where the force is applied

Point of action which works according to the force applied



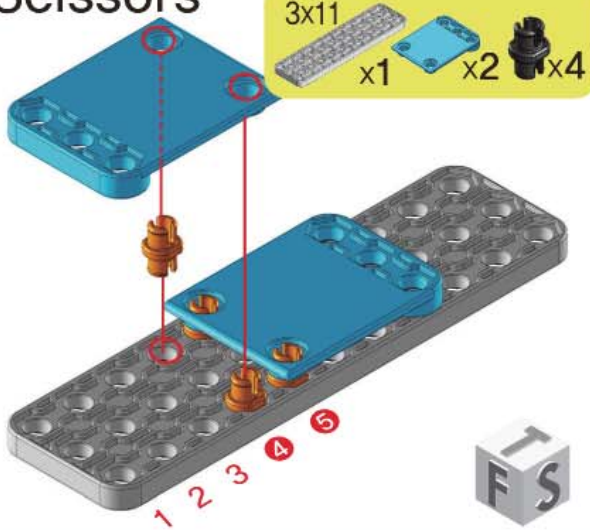
It is composed of three parts. The longer the distance between the fulcrum and the point of force is compared to that between the fulcrum and the point of action, the stronger the force gets.

Playing on a seesaw is one way to experience this mechanism.

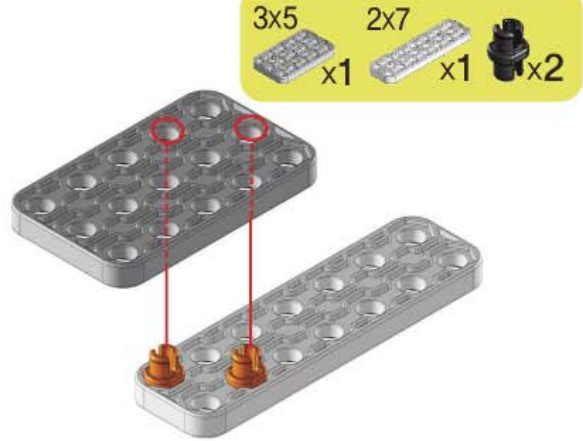


The Greek scientist Archimedes (BC 287~BC 212), who first found out the principle of levers, is said to have confidently asserted that he could lift Earth by himself if he had a long enough stick and a fulcrum.

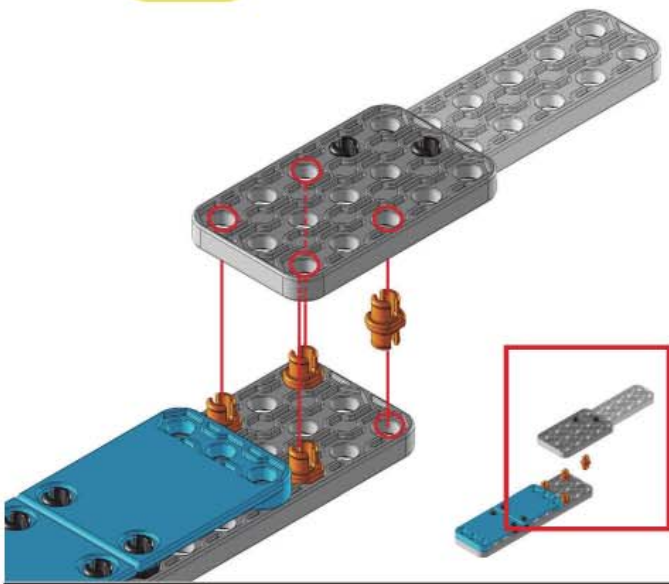
1 Scissors



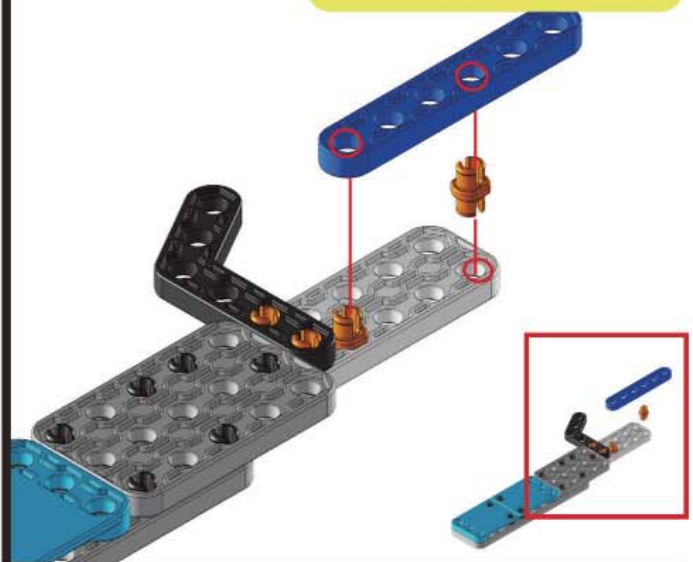
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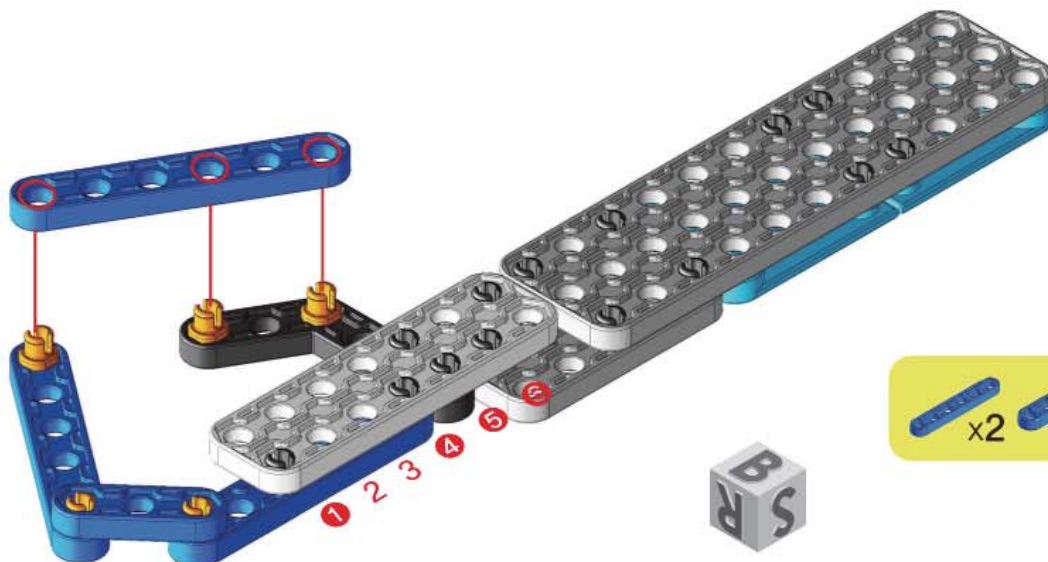
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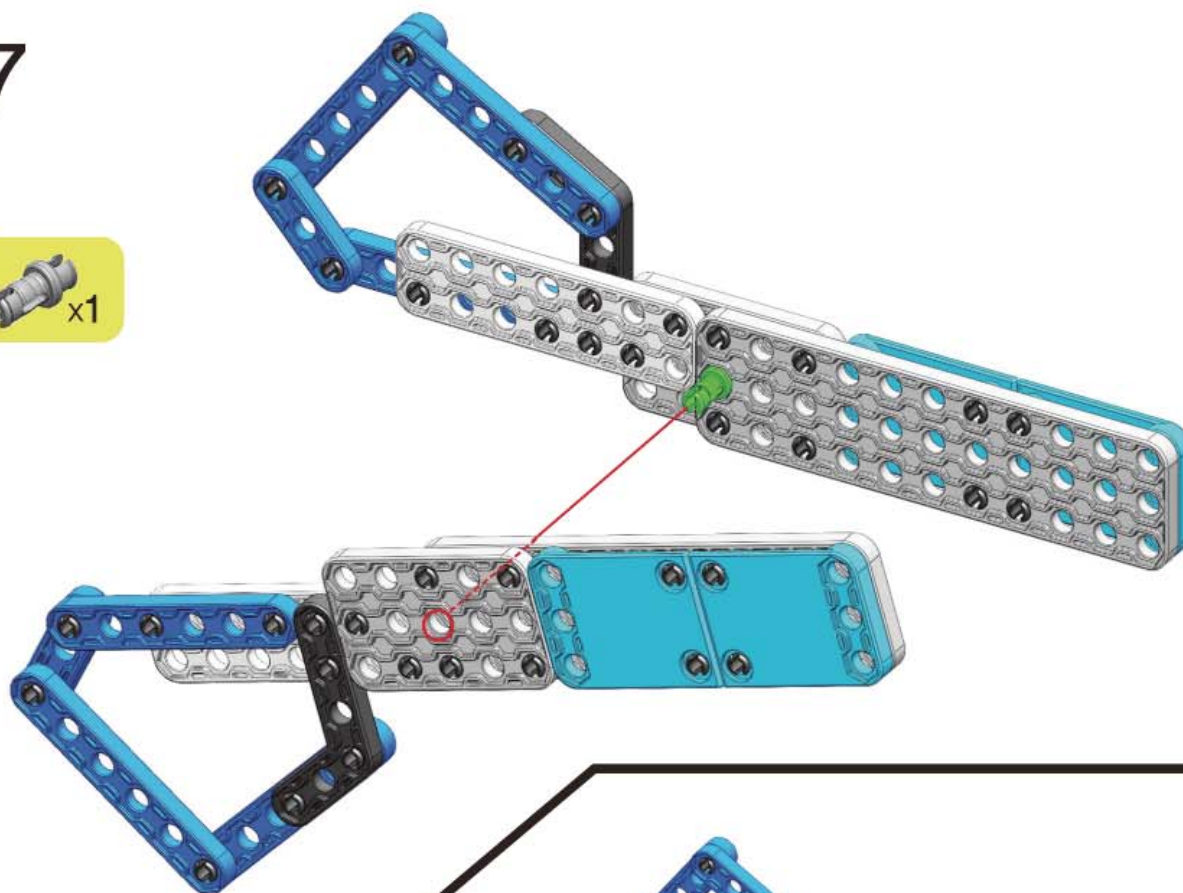
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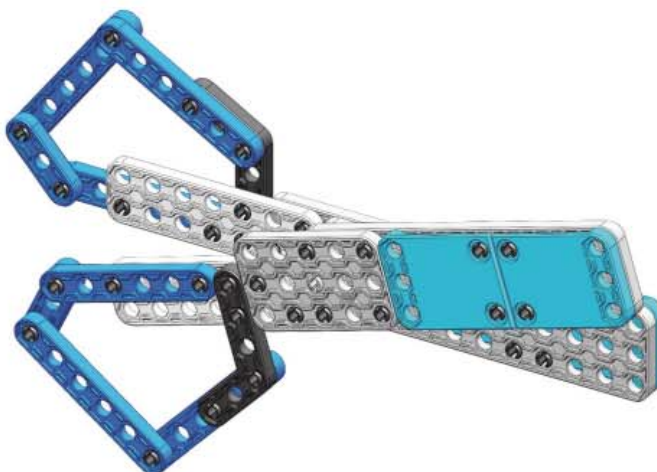
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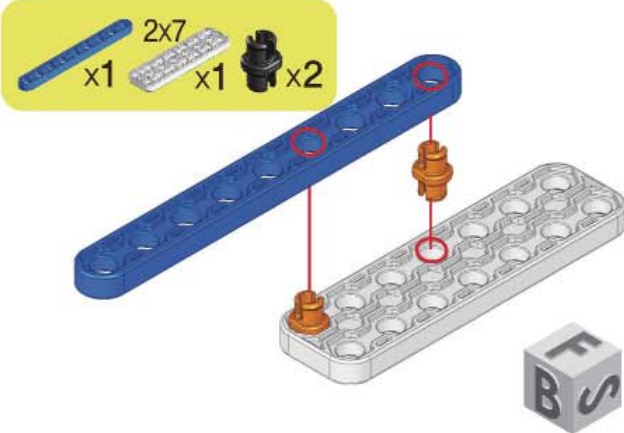
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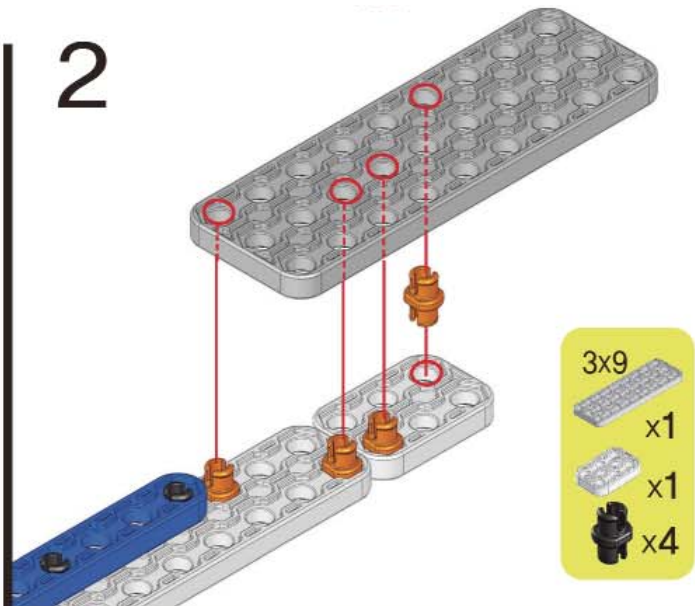
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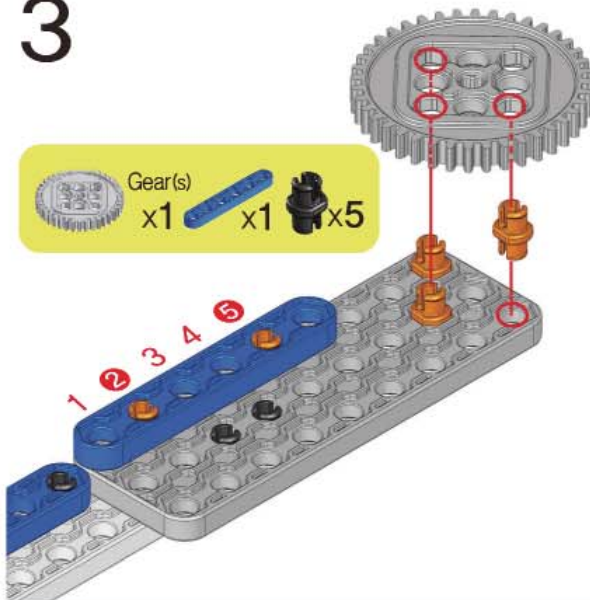
1 Compass



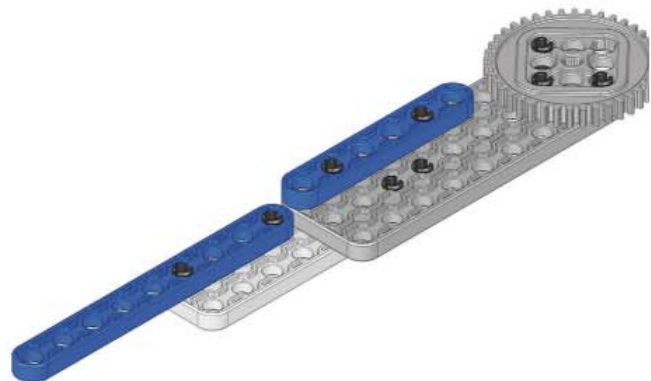
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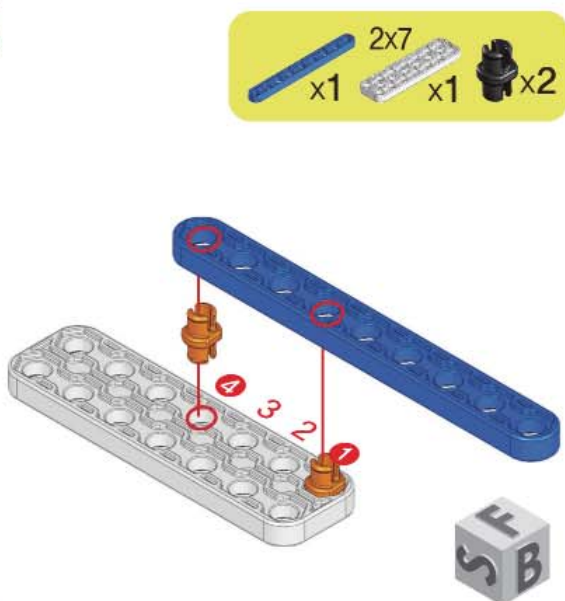
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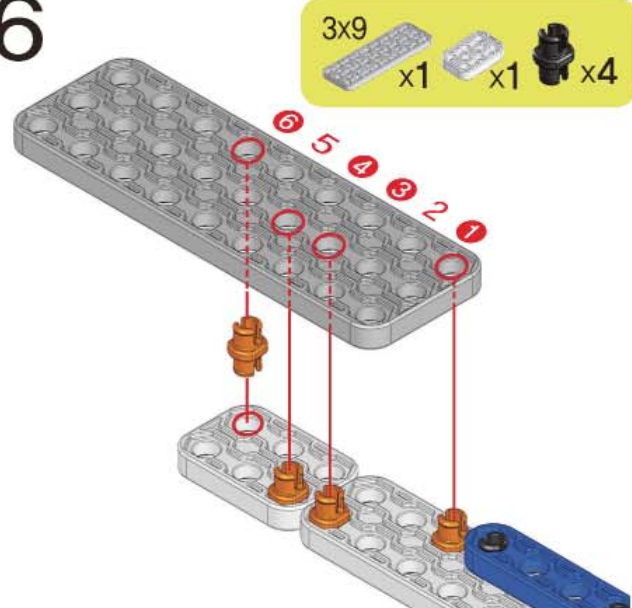
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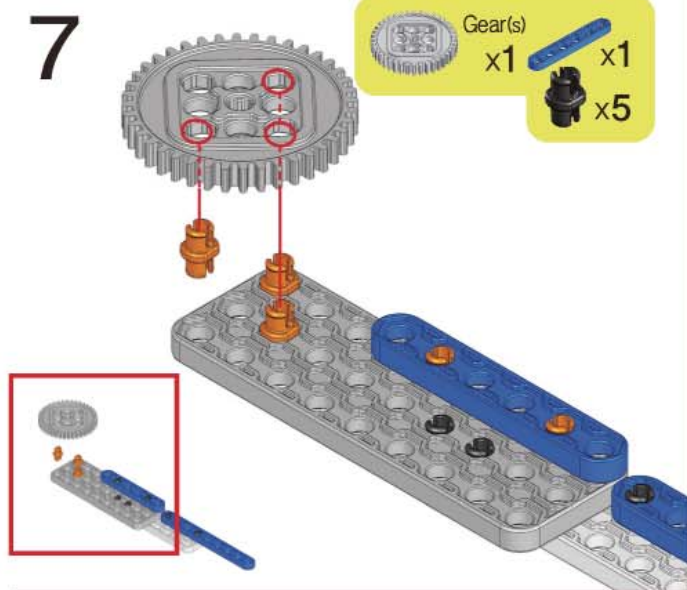


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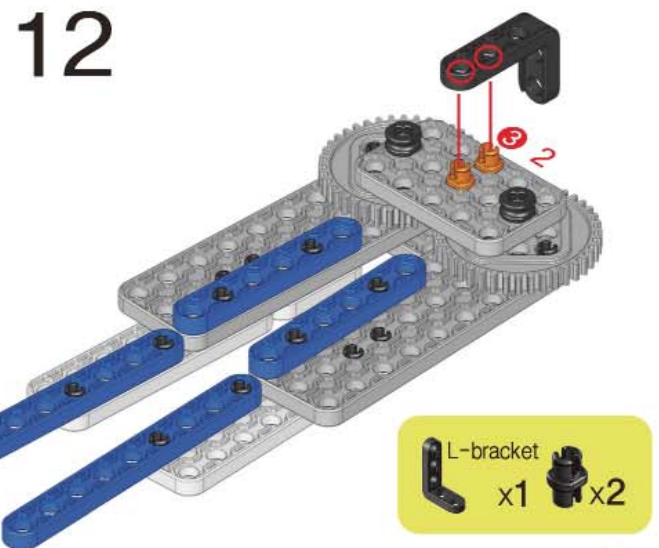
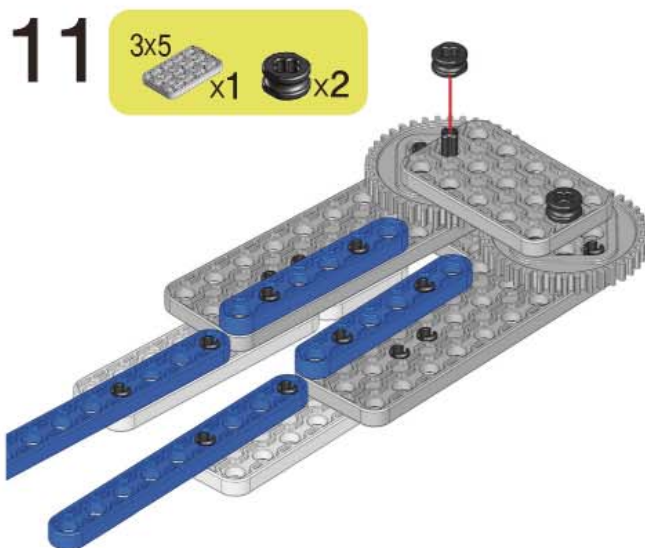
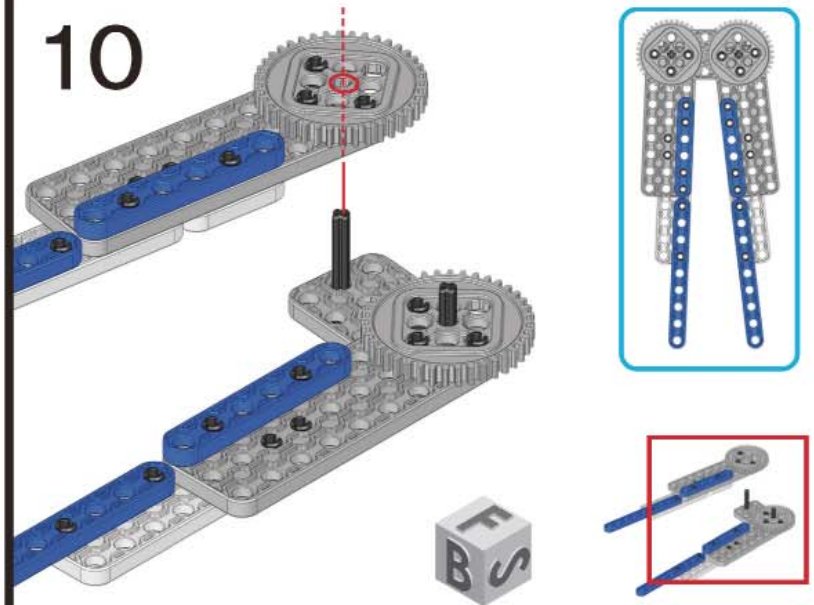
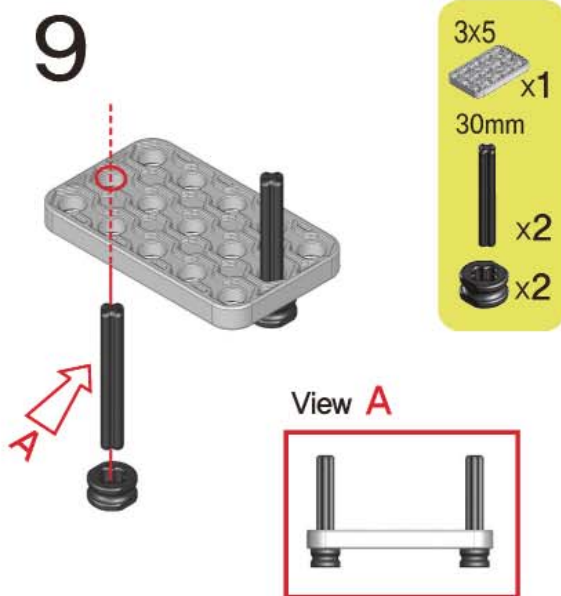
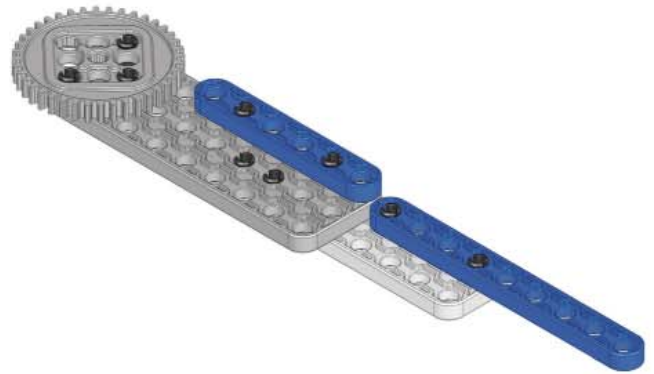


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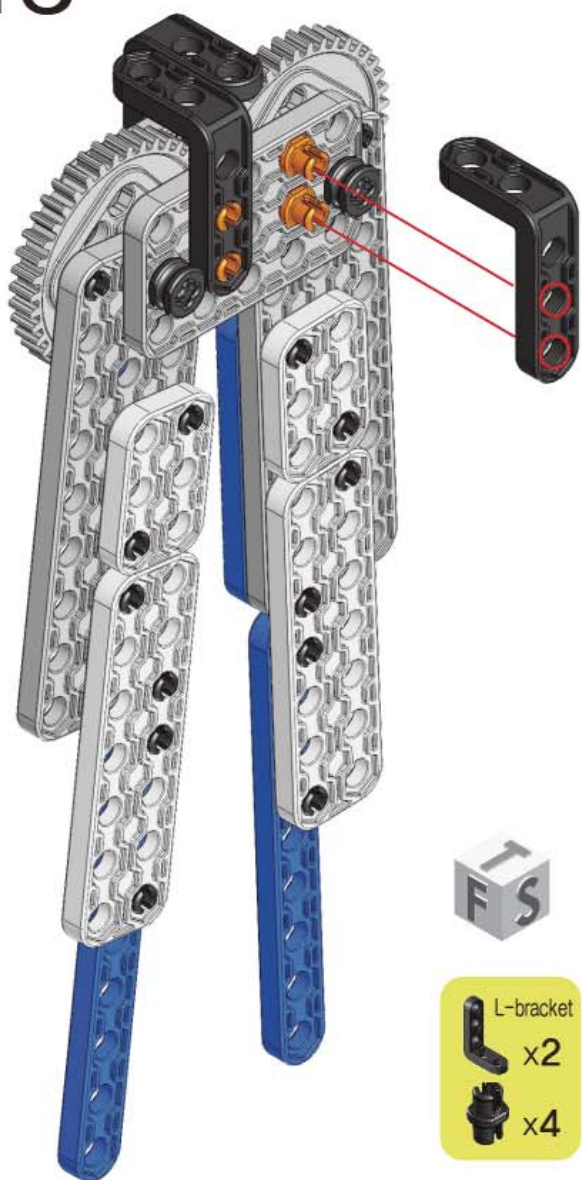




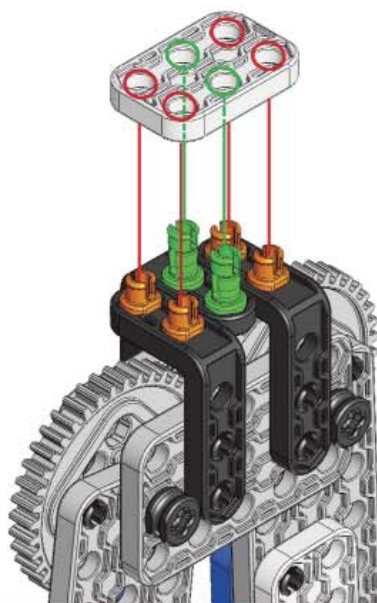
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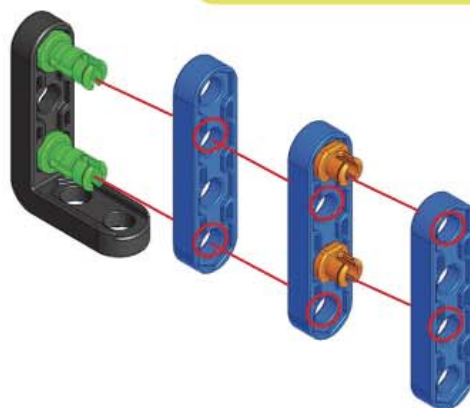
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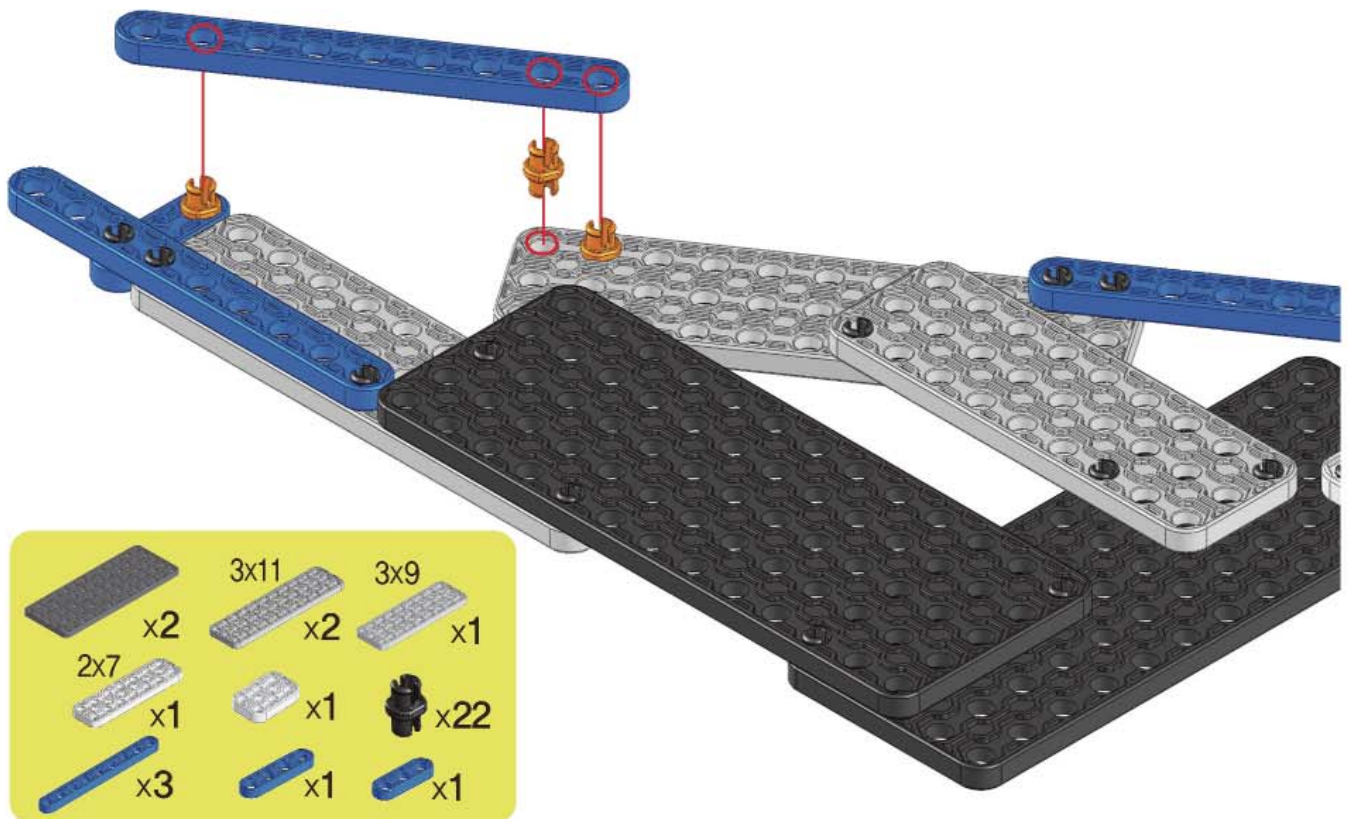
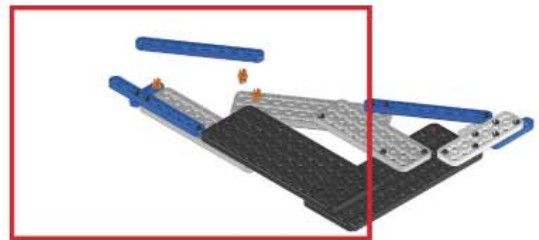
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(Completion)



Idea + Plus

1 Set square



2 (Completion)

