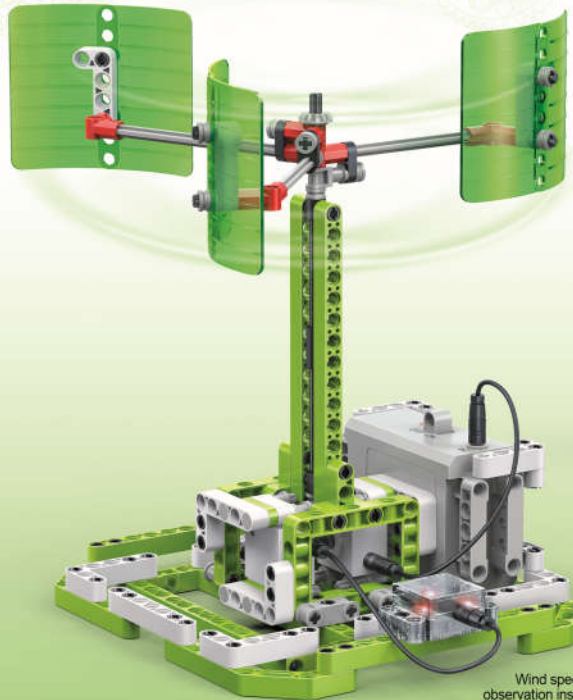


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**Science
Education**
— Meteorological exploration —



Wind speed
observation instrument



Water level
measuring device



Temperature and humidity
measuring instrument



Soil moisture
measurement
vehicle



Wind direction
observation instrument



Catalog

Wind direction observation instrument.....1-9

Wind speed observation instrument.....10-25

Temperature and humidity measuring instrument.....26-31

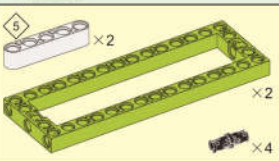
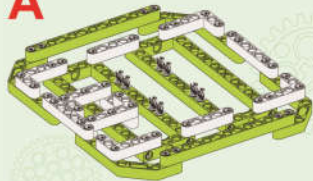
Soil moisture measurement vehicle.....32-44

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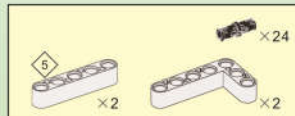
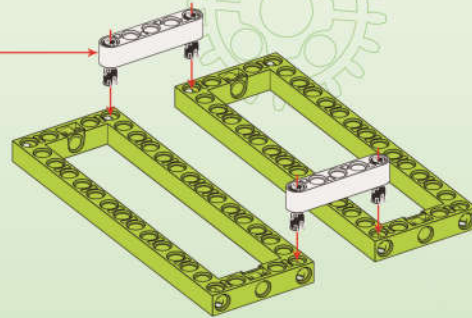
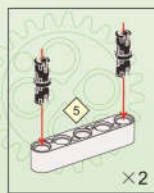


Wind direction observation instrument

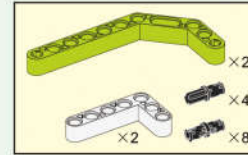
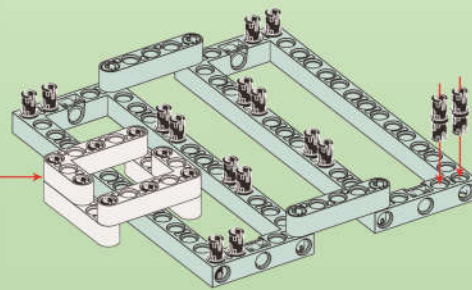
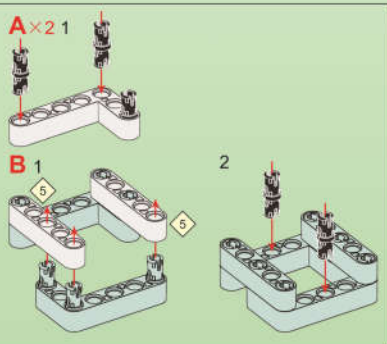
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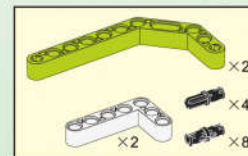
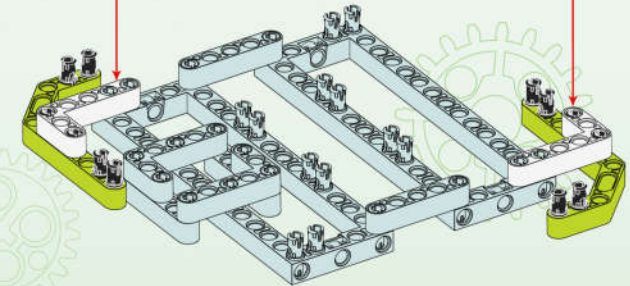
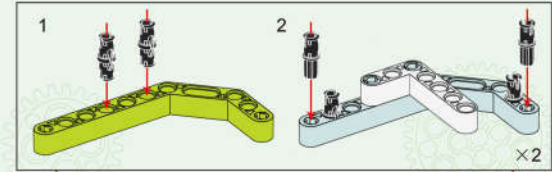
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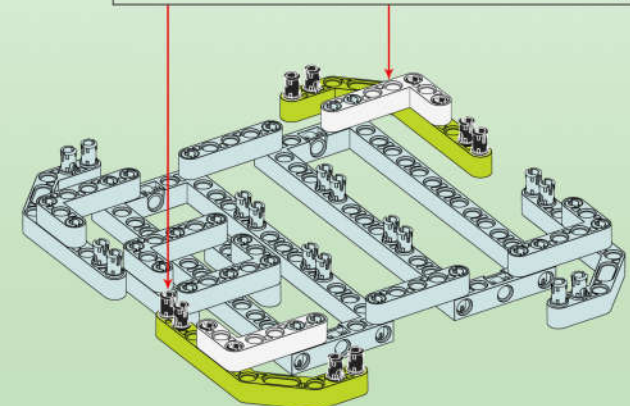
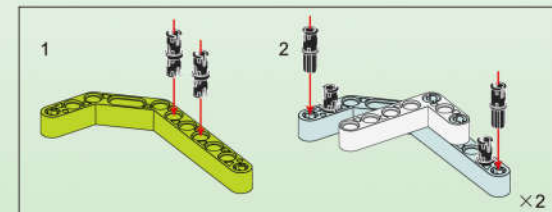
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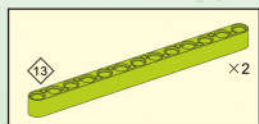
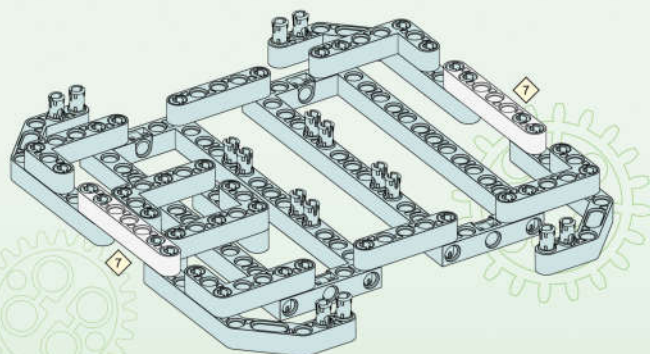
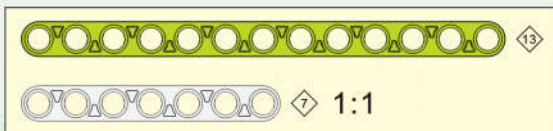


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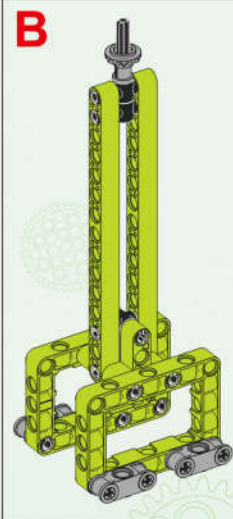
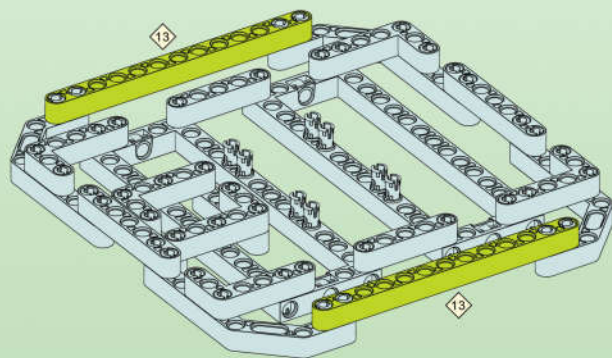




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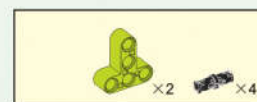
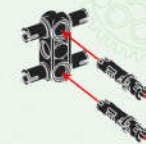
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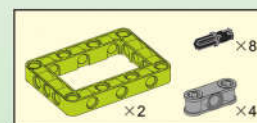
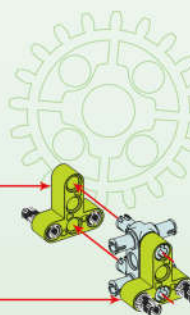
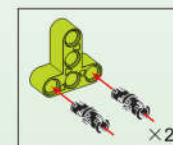
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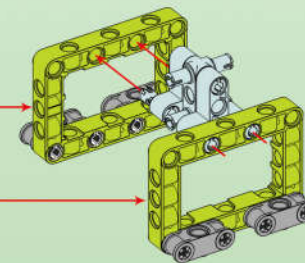
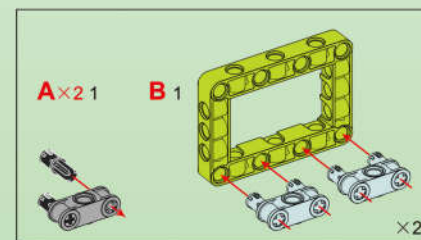
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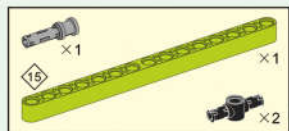


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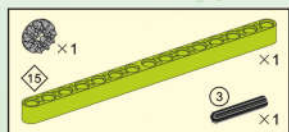
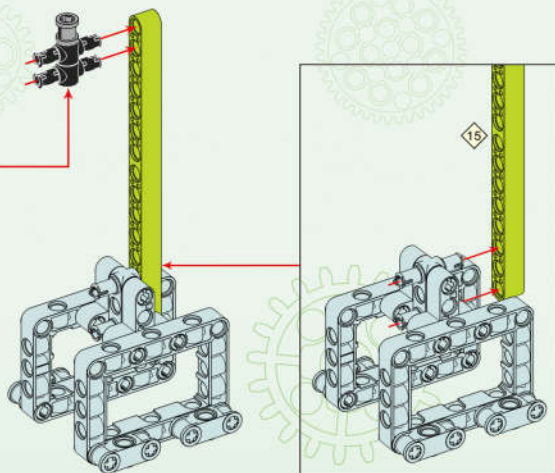
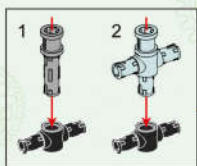


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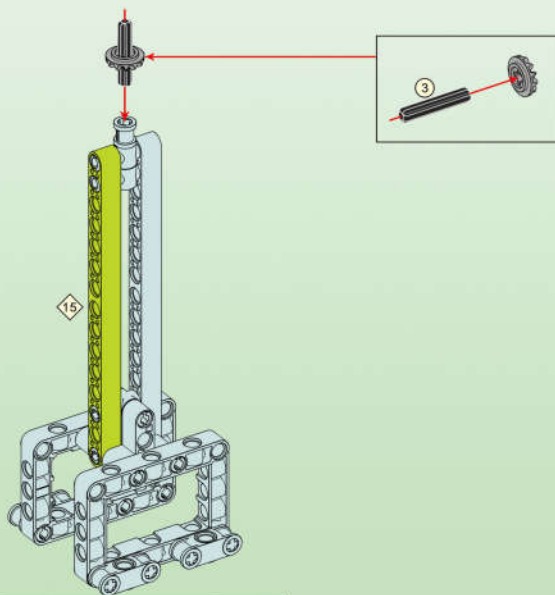




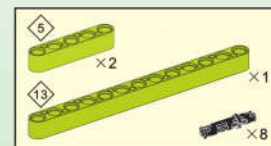
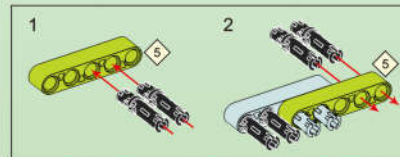
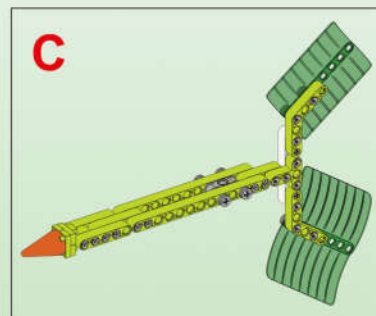
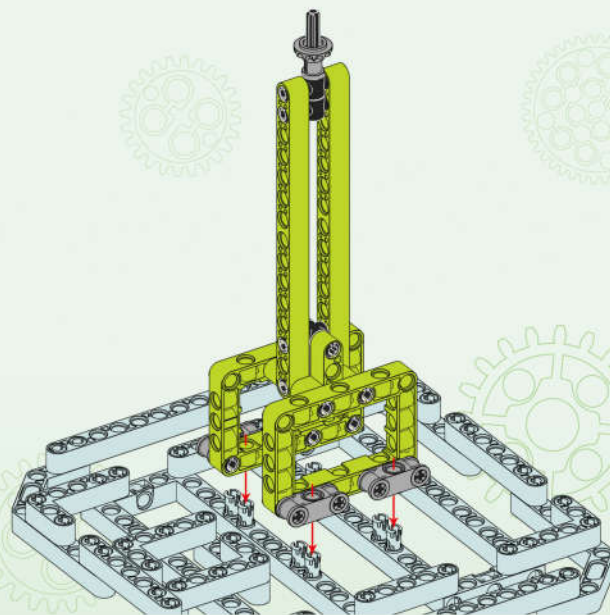
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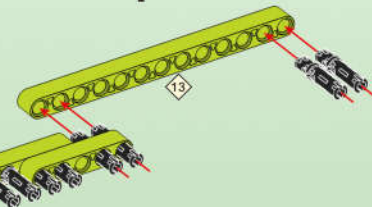
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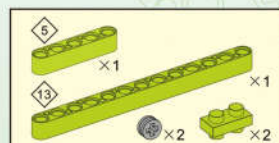
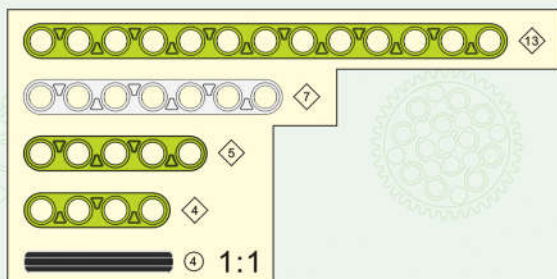


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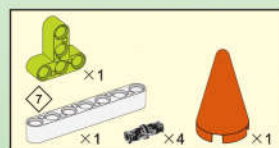




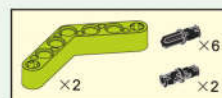
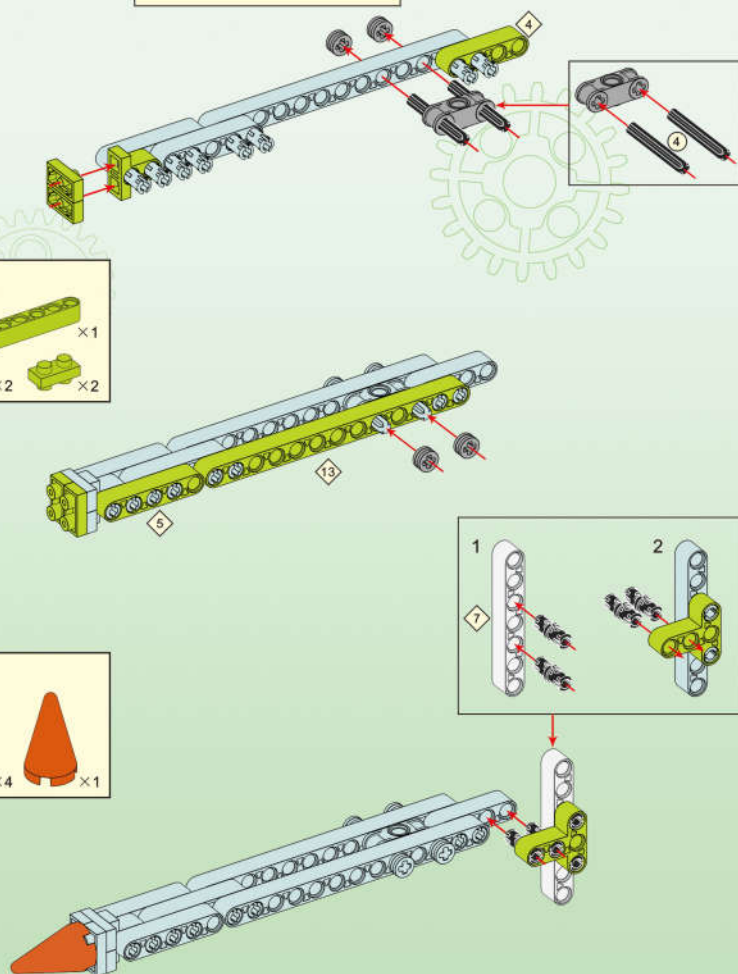
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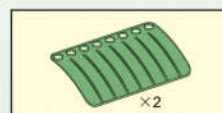
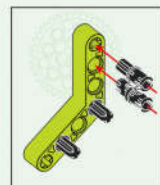
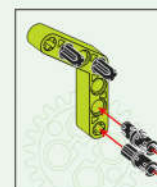
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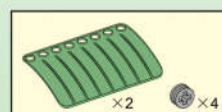
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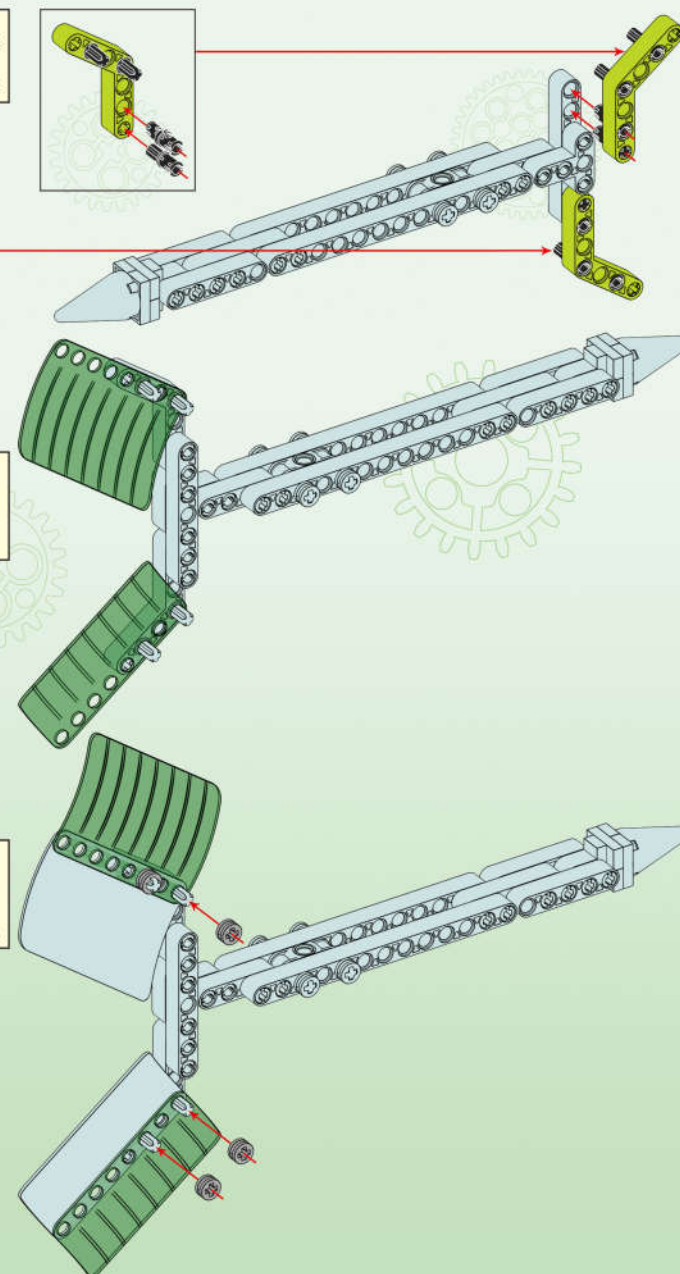
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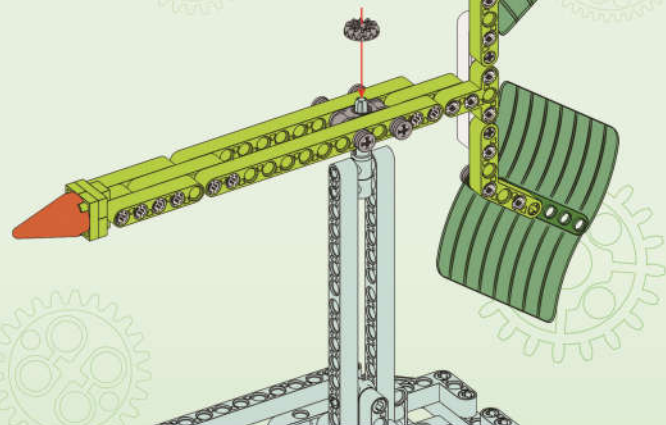


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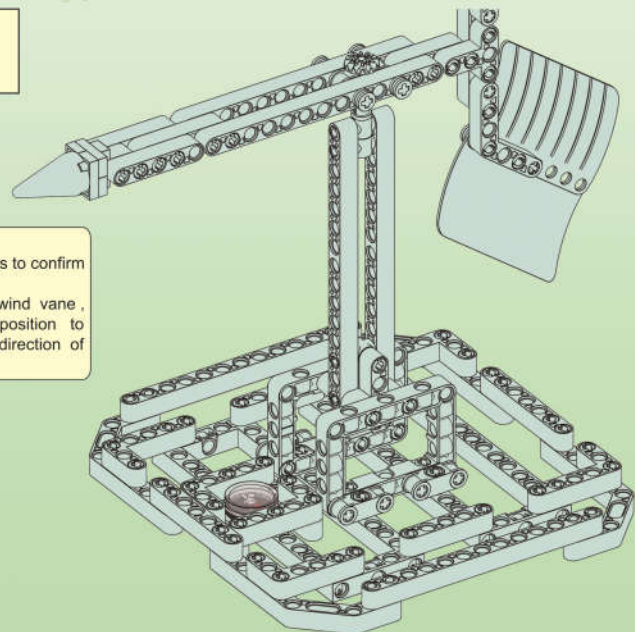


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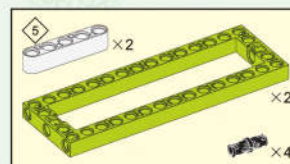


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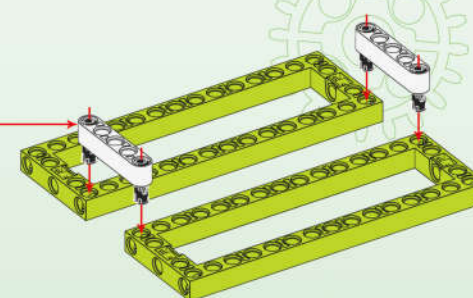
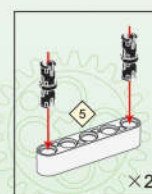
Tips:
1. Use a compass to confirm the position.
2. Through the wind vane, combinewith position to confirm the direction of wind.



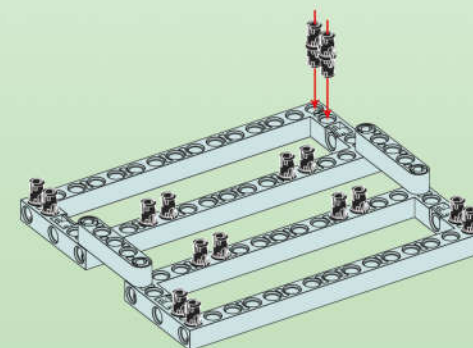
风速观测仪

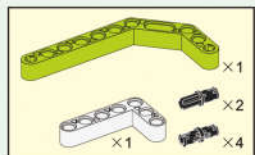


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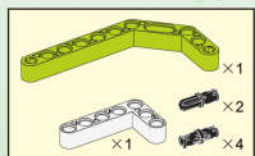
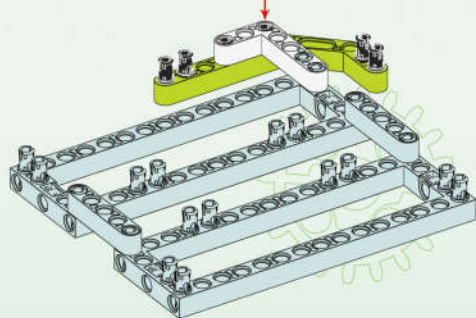
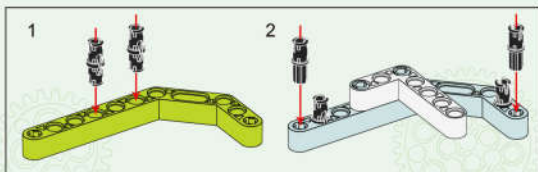


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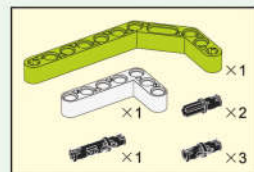
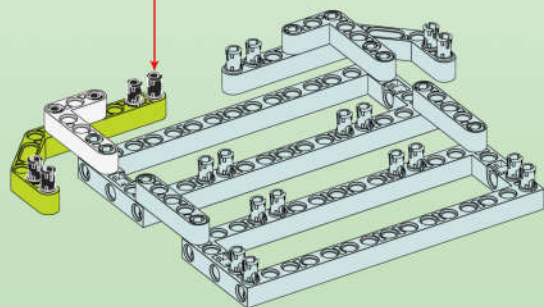
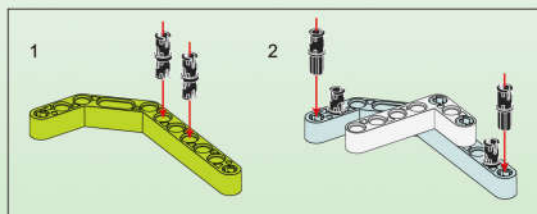




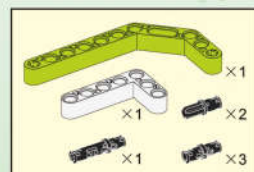
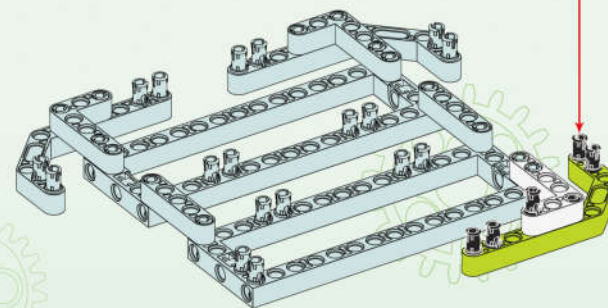
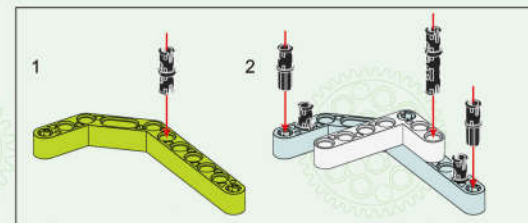
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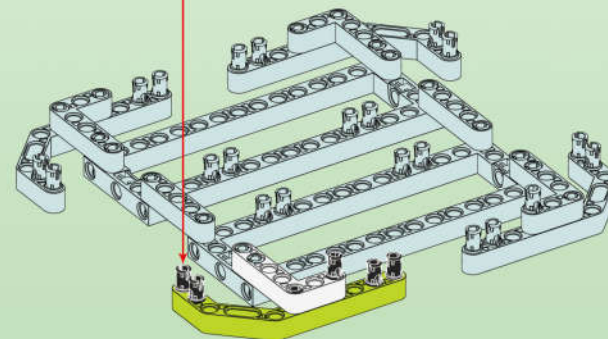
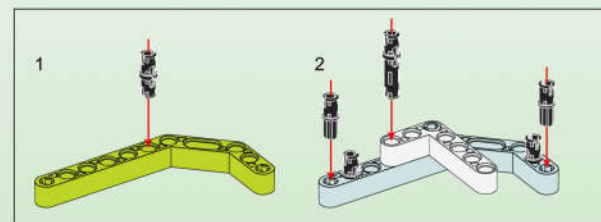
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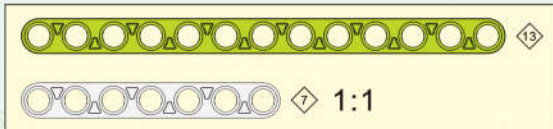
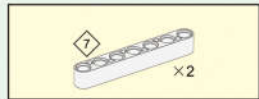


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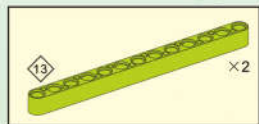
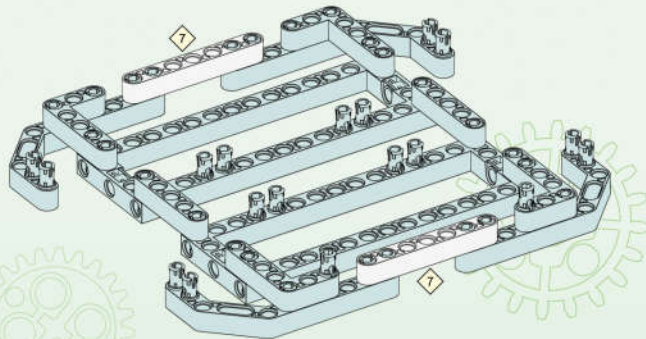


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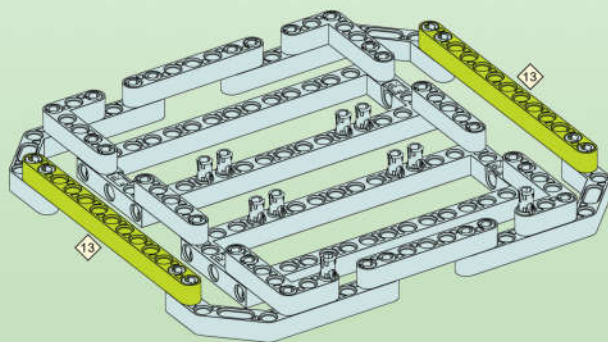




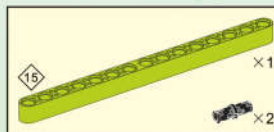
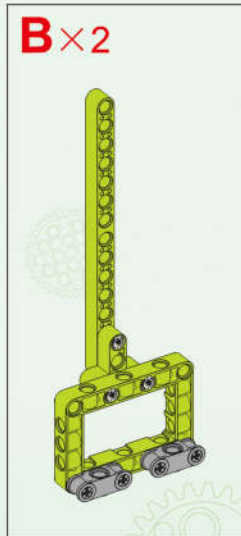
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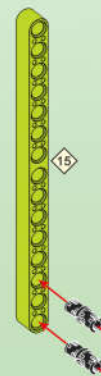
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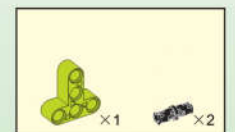
• 13 •



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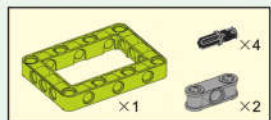


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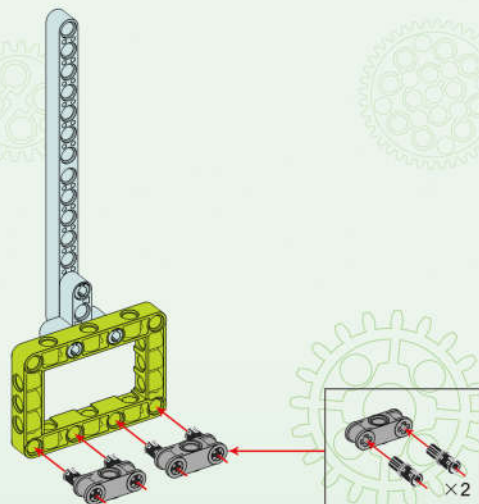


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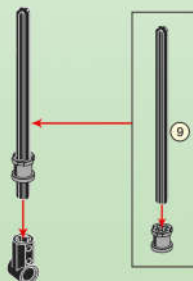
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C



1



• 15 •



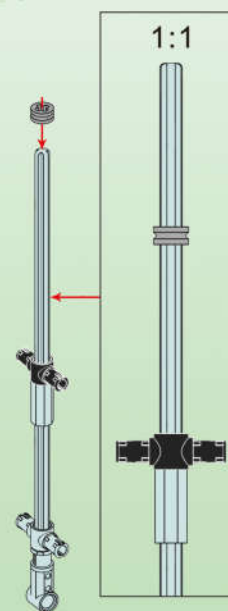
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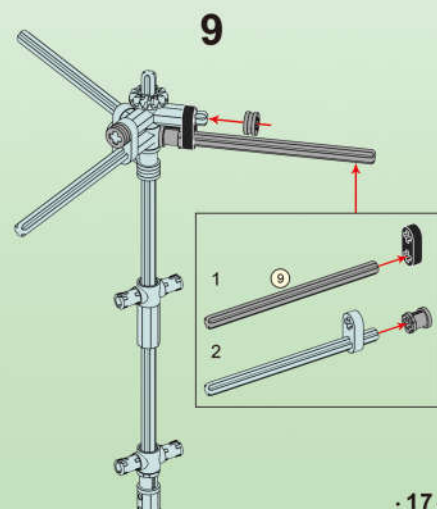
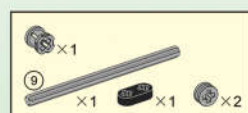
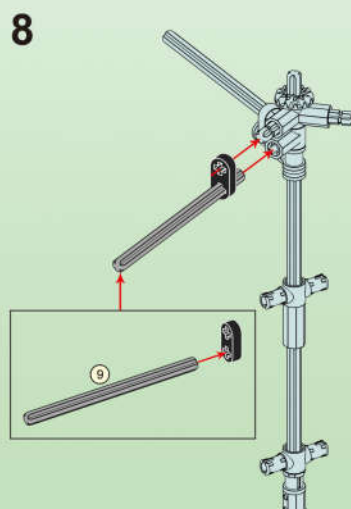
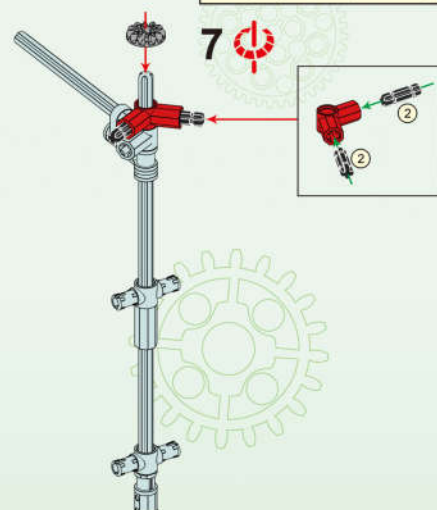
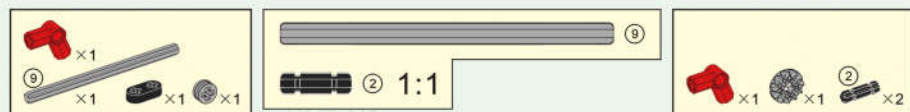
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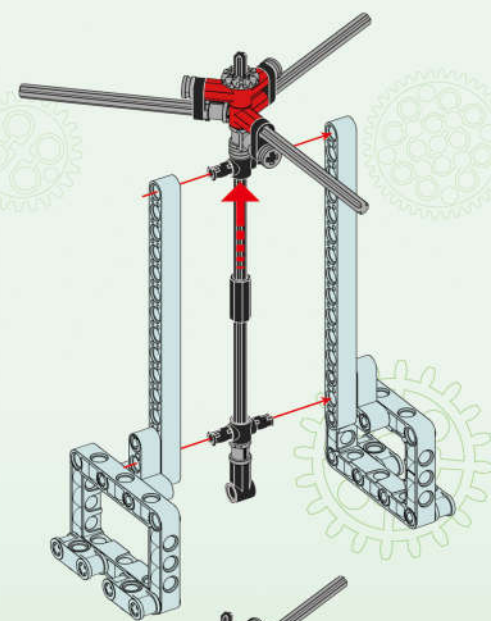
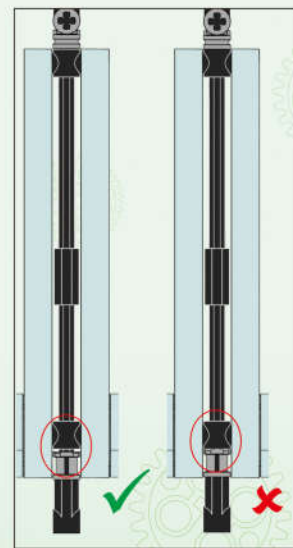
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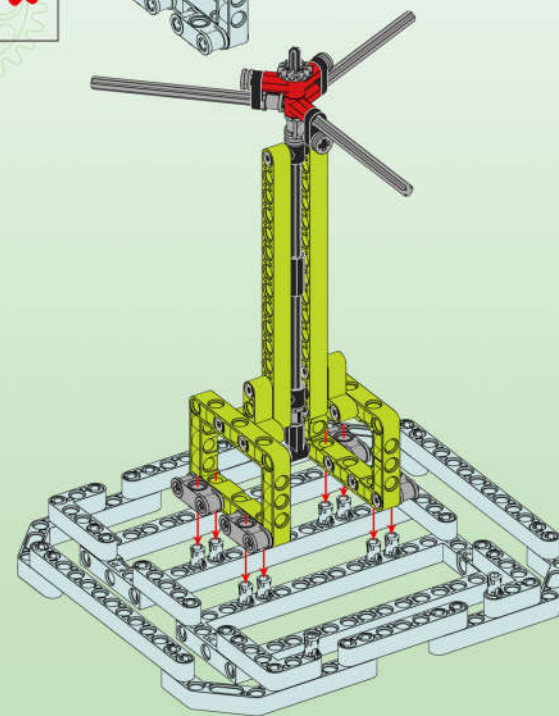
• 16 •

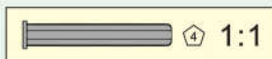
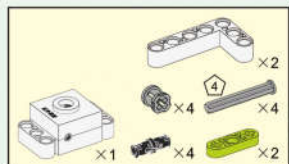


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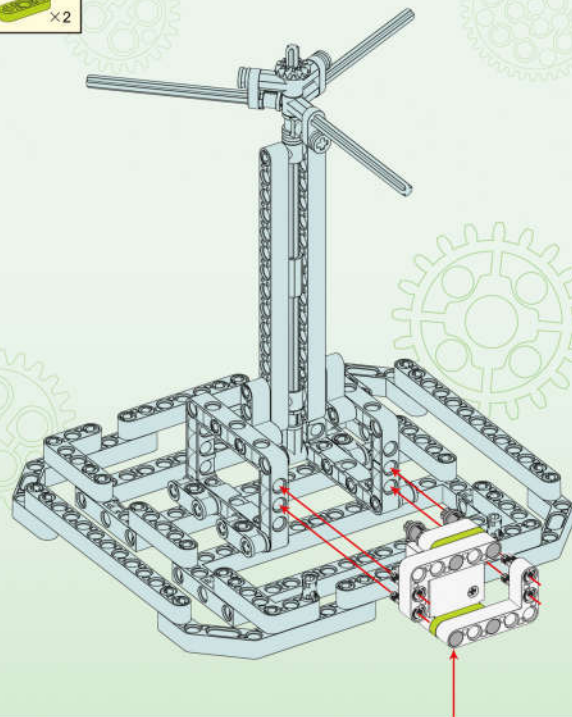


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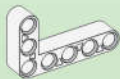




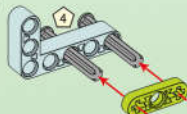
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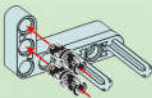
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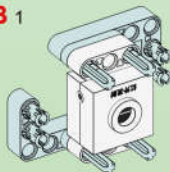
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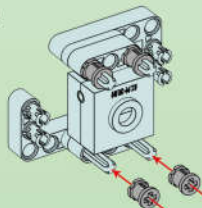
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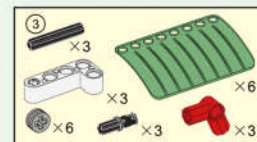
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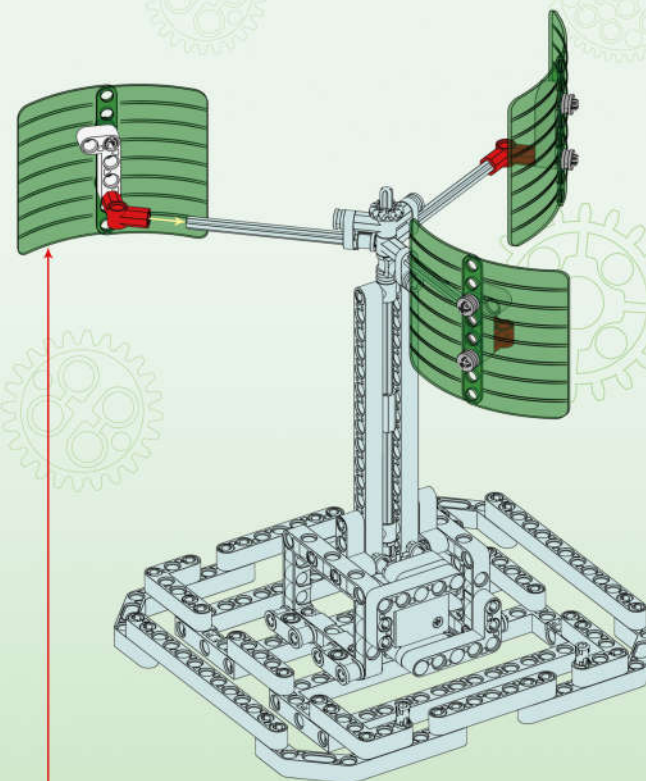
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• 19 •



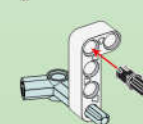
13



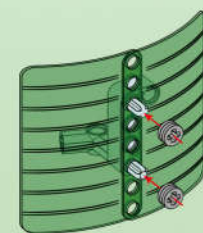
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2

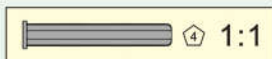
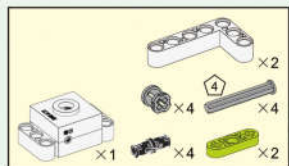


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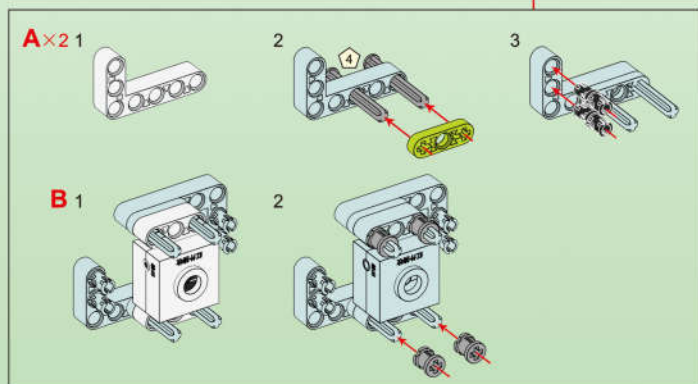
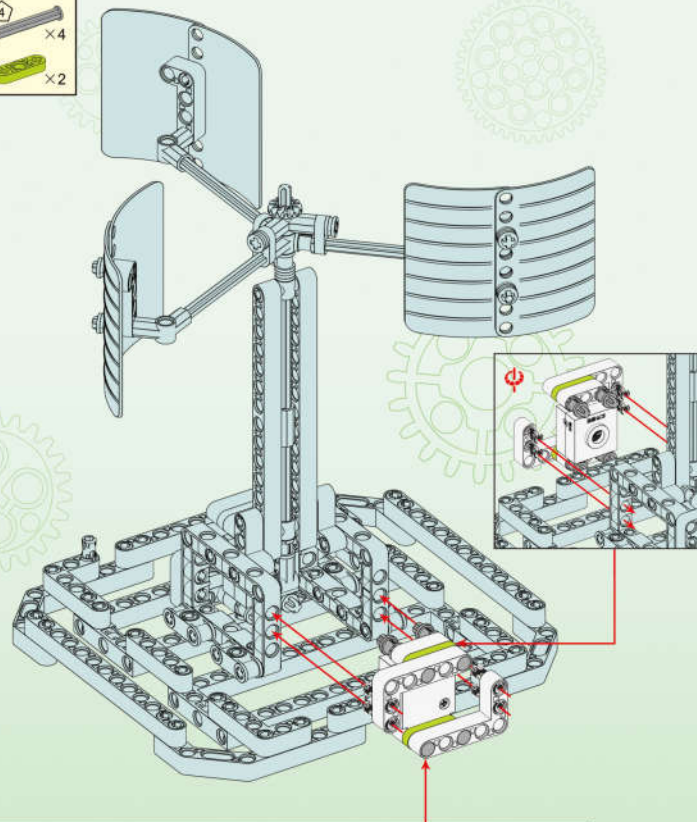


x3

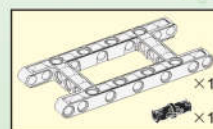
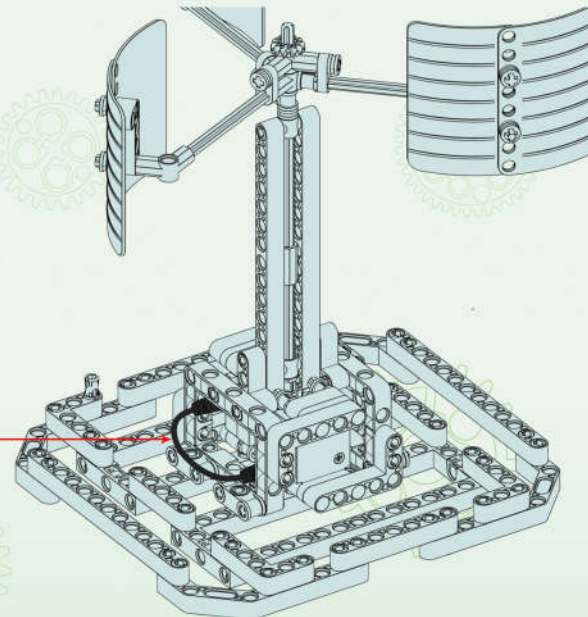
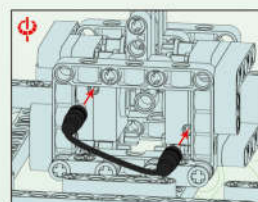
• 20 •



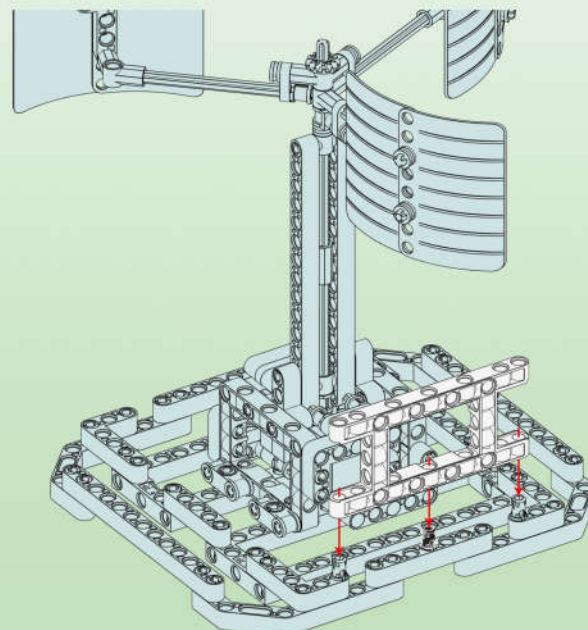
14



15



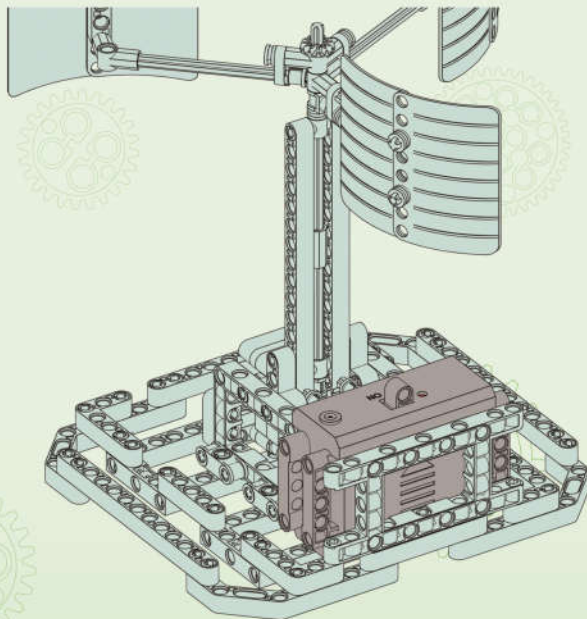
16



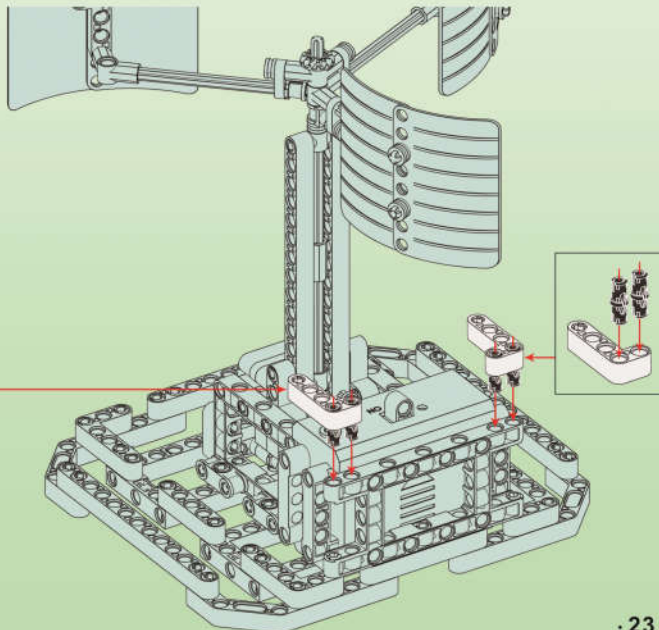


17

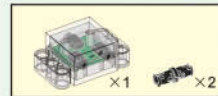
Please install 6 batteries first, and then build by steps.



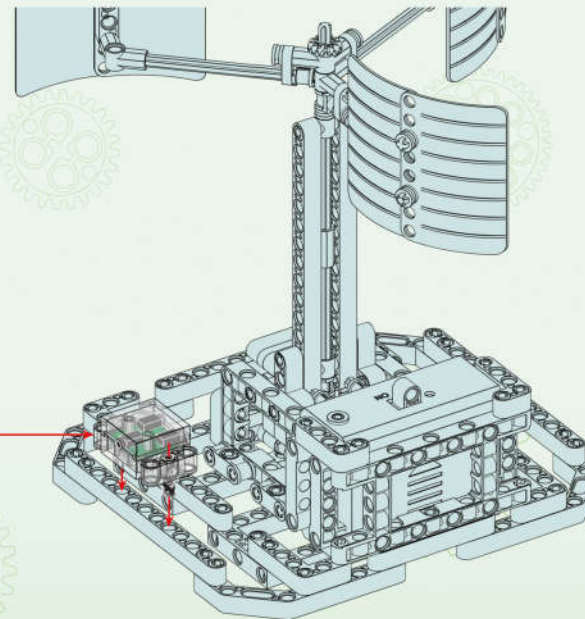
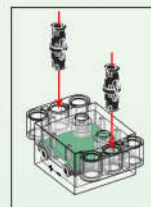
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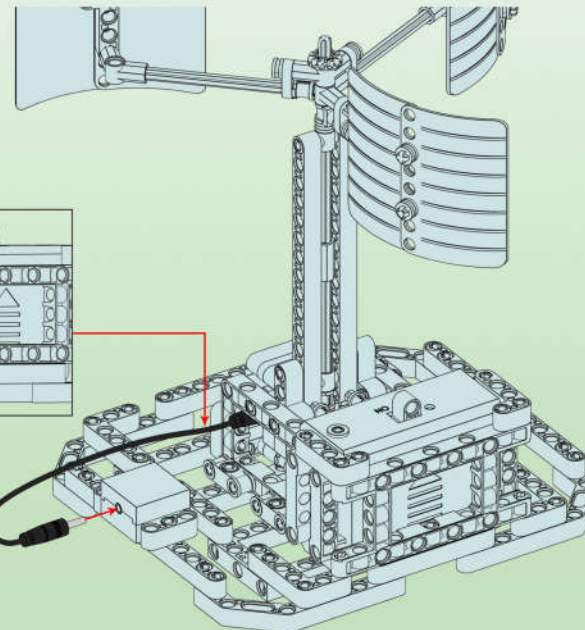
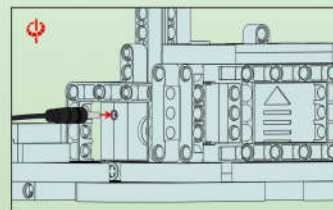
· 23 ·



19



20



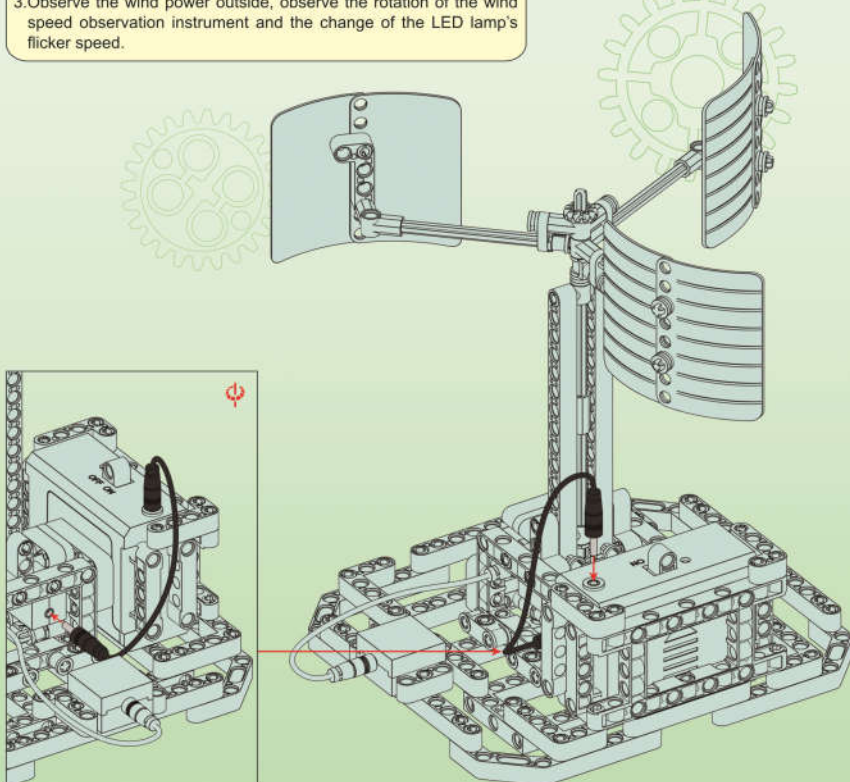
· 24 ·



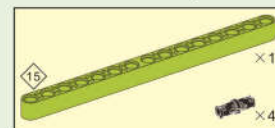
21

Tips:

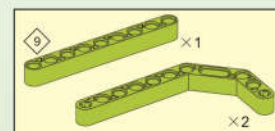
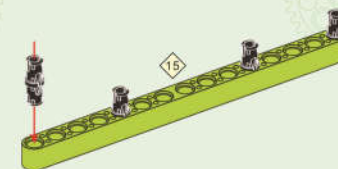
1. After the wind speed observation instrument is completed, turn on power switch, put the wind speed observation instrument in front of the fan, turn on the fan, and observe the rotation of the wind direction observation instrument.
2. Change the different gears of the fan, increase or reduce the wind power, observe the rotation of the wind speed observation instrument and the changes of the LED lamp's flicker speed.
3. Observe the wind power outside, observe the rotation of the wind speed observation instrument and the change of the LED lamp's flicker speed.



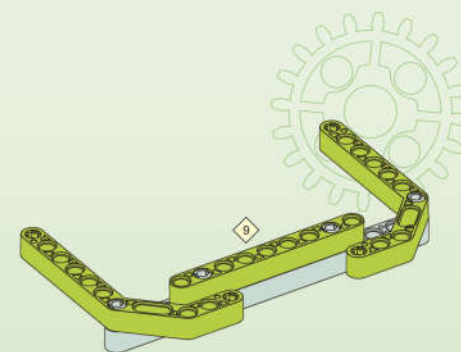
Temperature and humidity measuring instrument



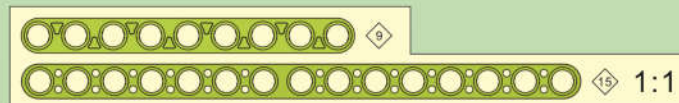
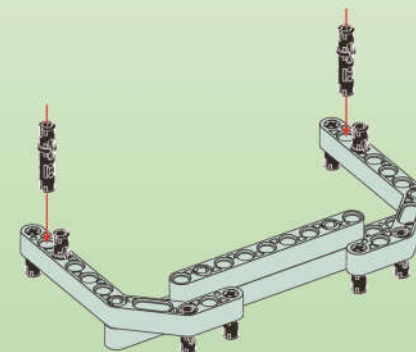
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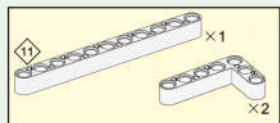


2

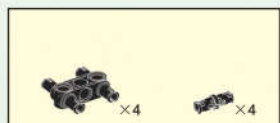
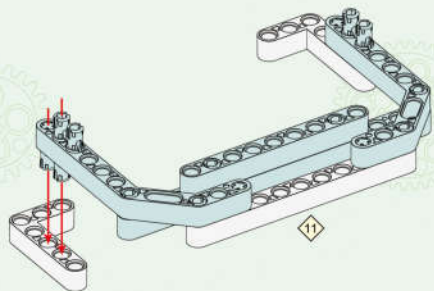


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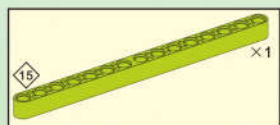
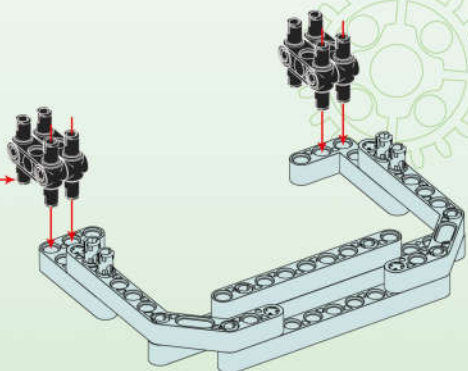
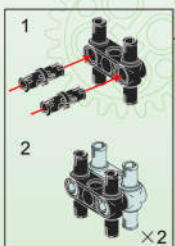




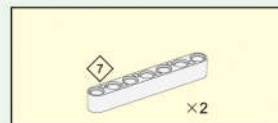
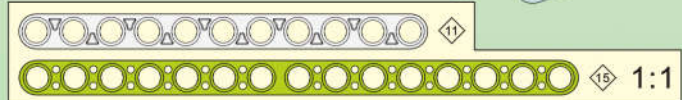
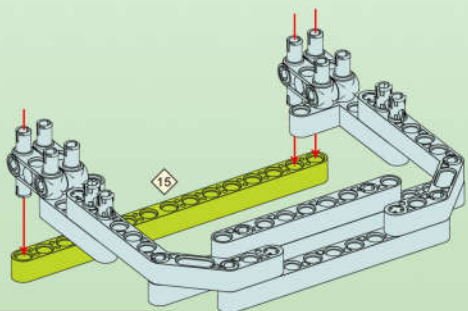
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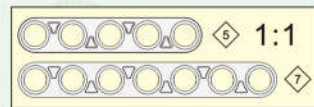
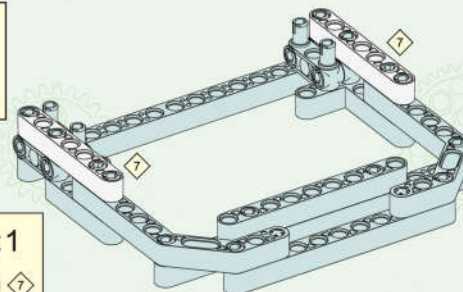
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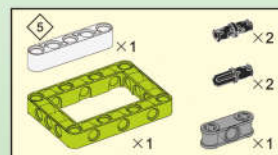
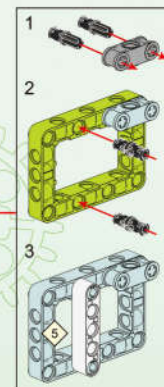
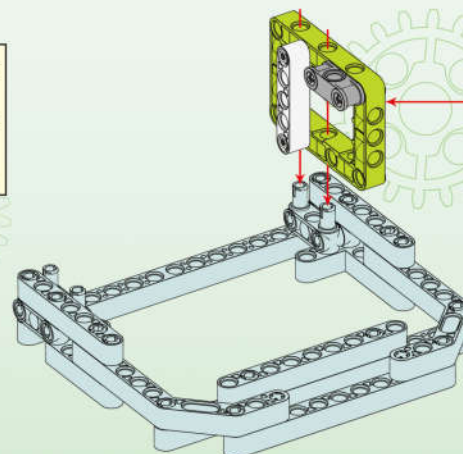
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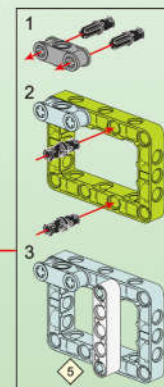
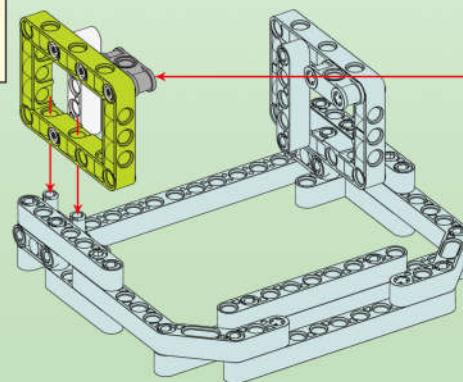
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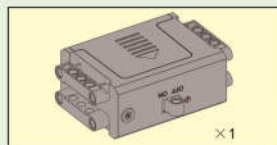


8



9



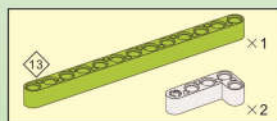


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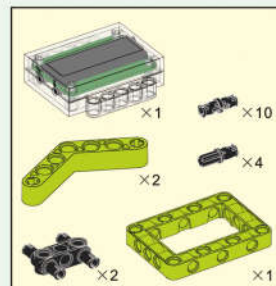
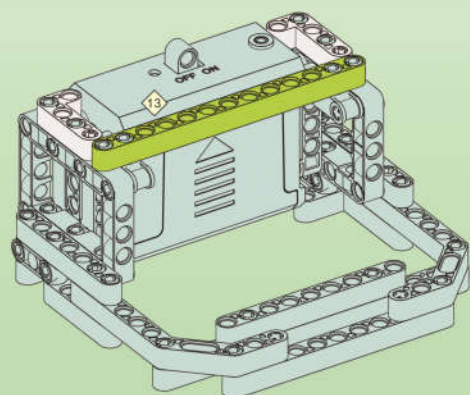
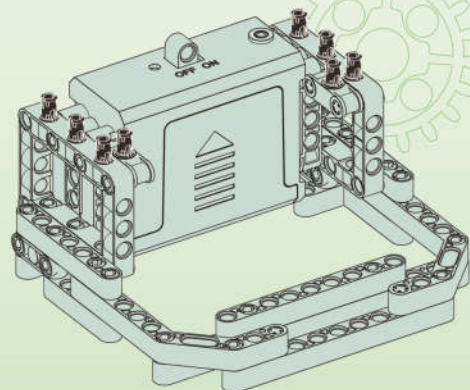
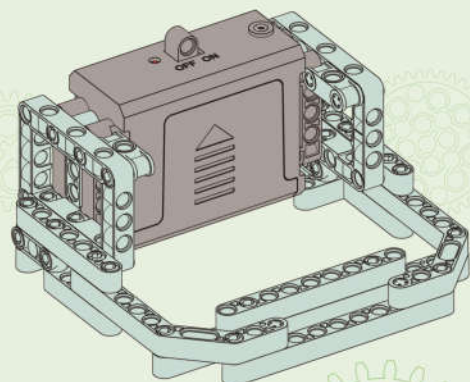
Please install 6 batteries first, and then build by steps.



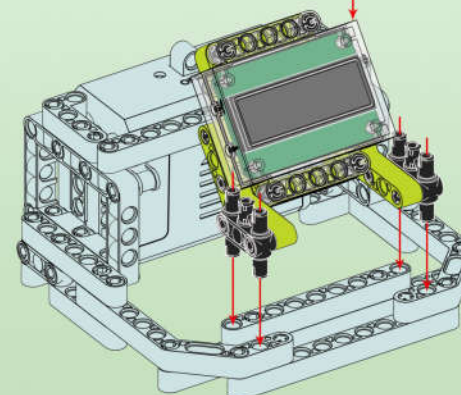
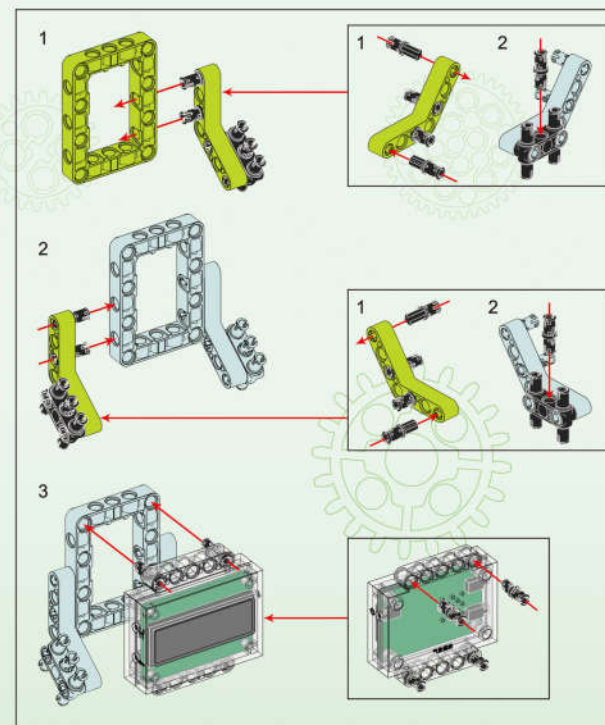
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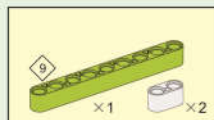


12

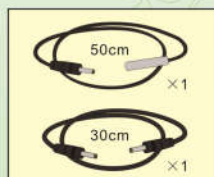
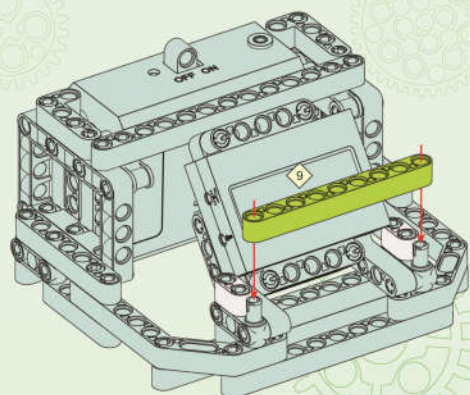


13



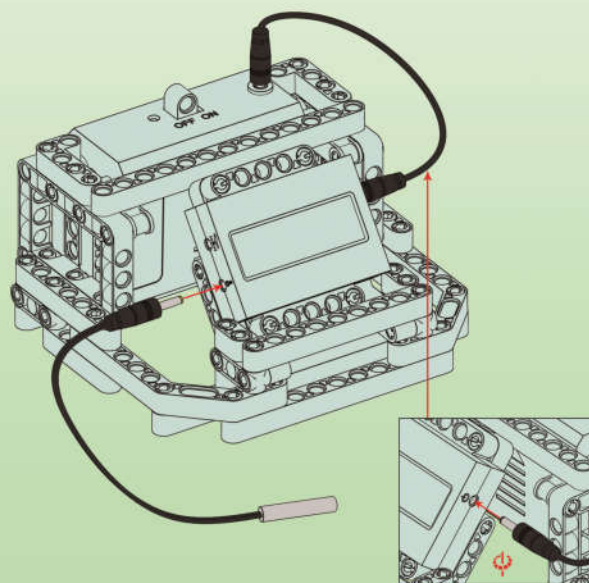


14



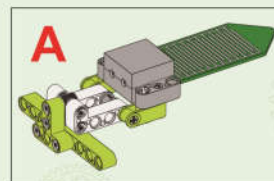
15

Tips:
After the temperature and humidity measuring instrument is completed, toggle power switch to "ON" position, turn on the temperature and humidity measuring instrument, wait for a moment then observe indoor (outdoor) temperature and air humidity numerical value from the display screen .

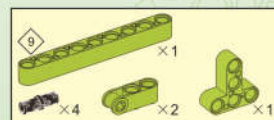


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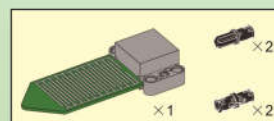
Soil moisture measurement vehicle



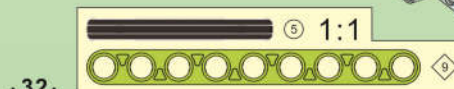
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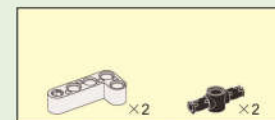
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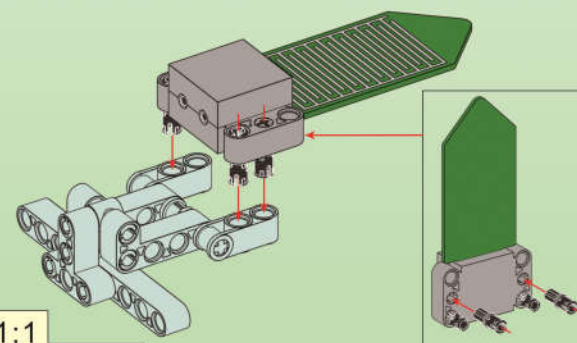
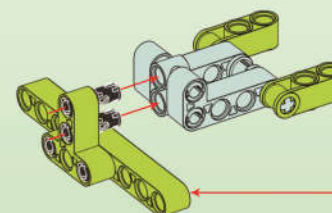
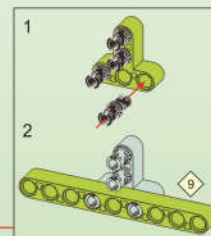
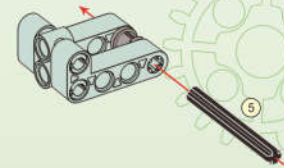
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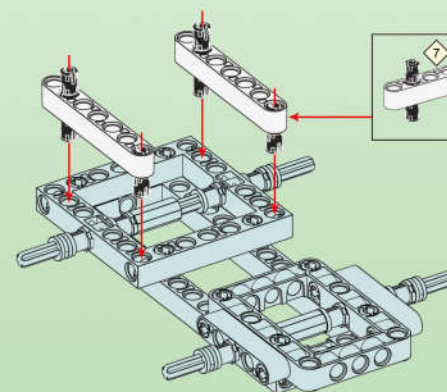
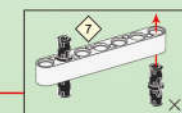
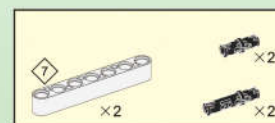
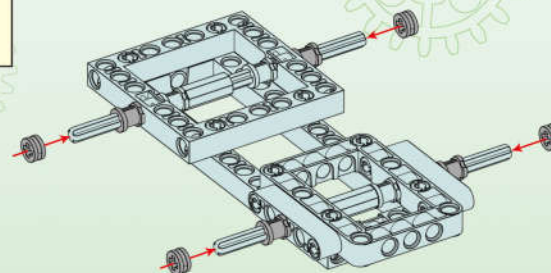
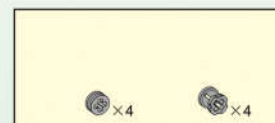
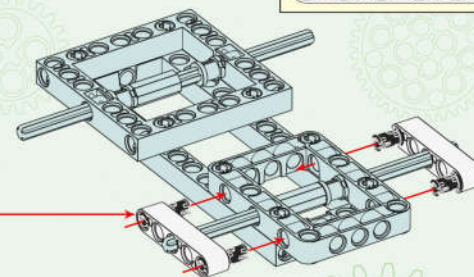
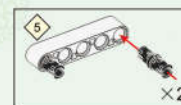
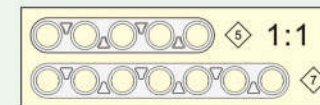
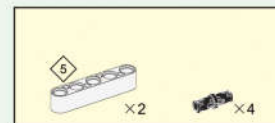
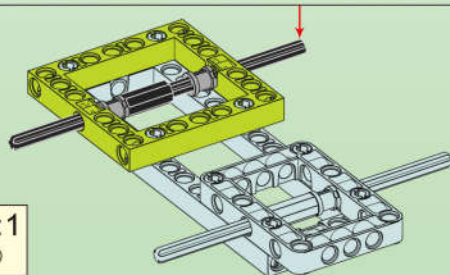
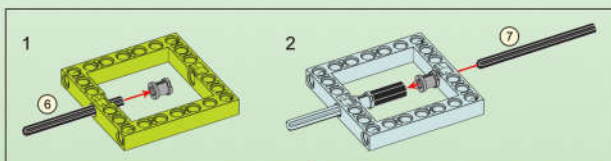
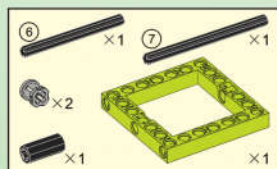
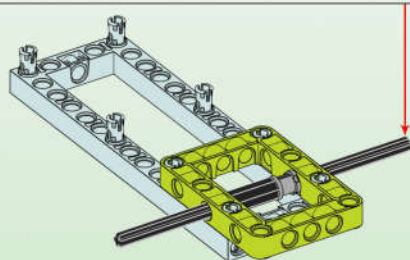
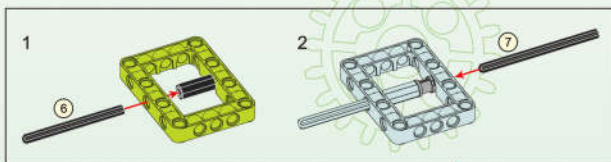
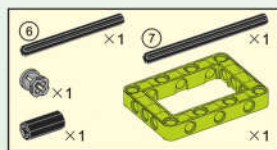
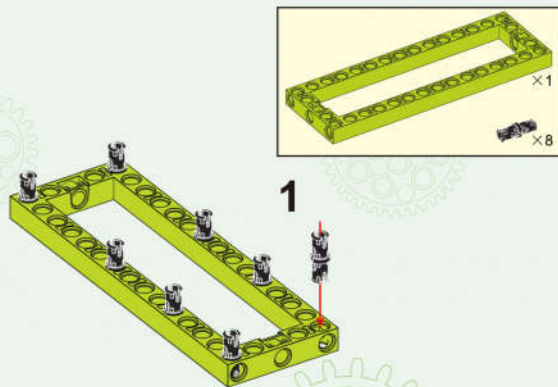
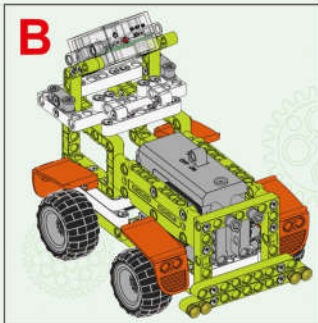


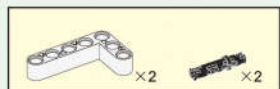
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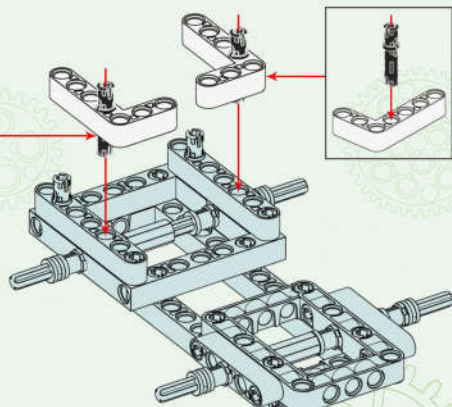
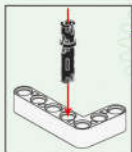
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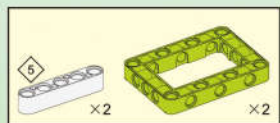
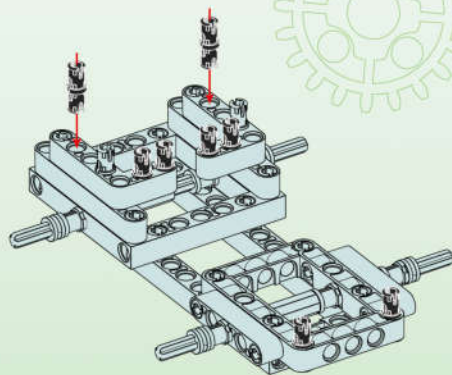




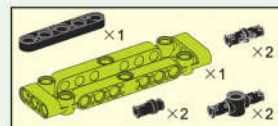
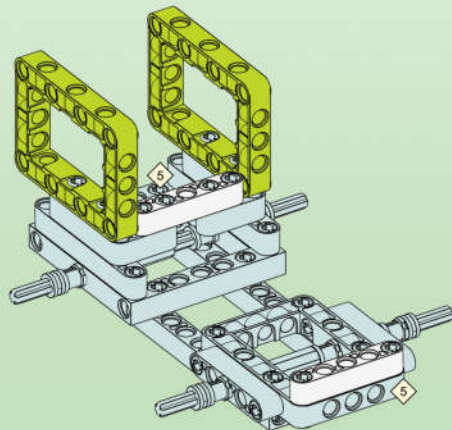
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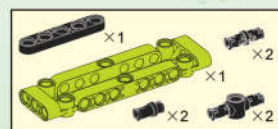
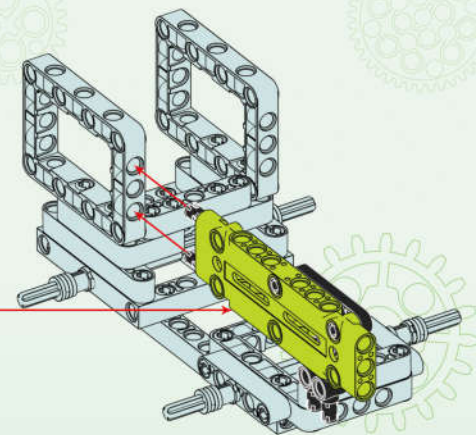
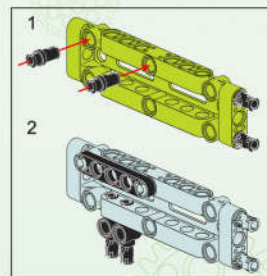
8



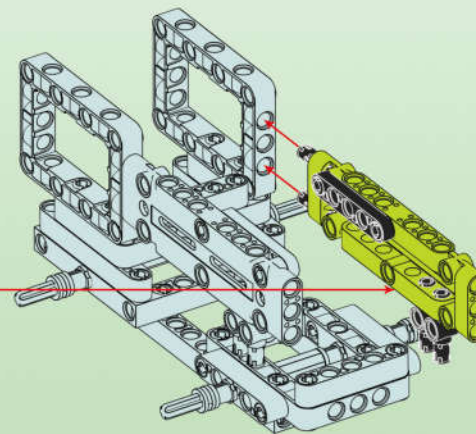
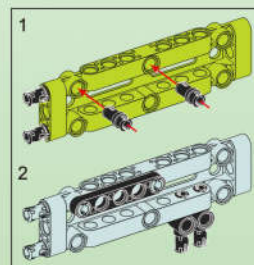
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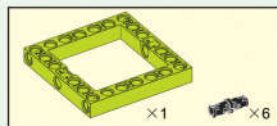


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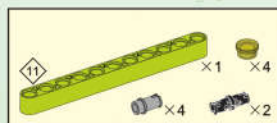
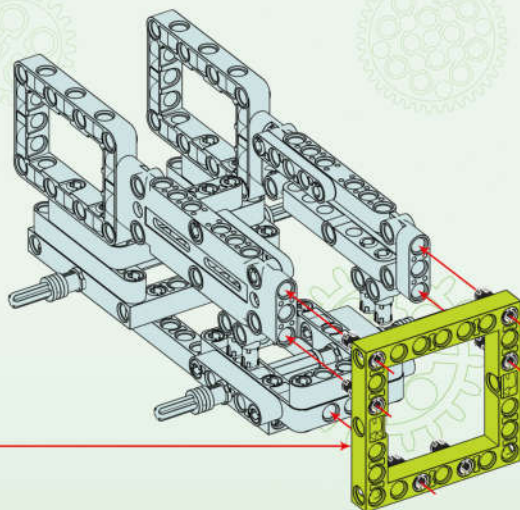
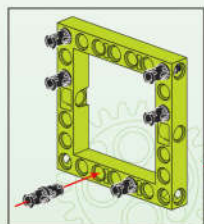


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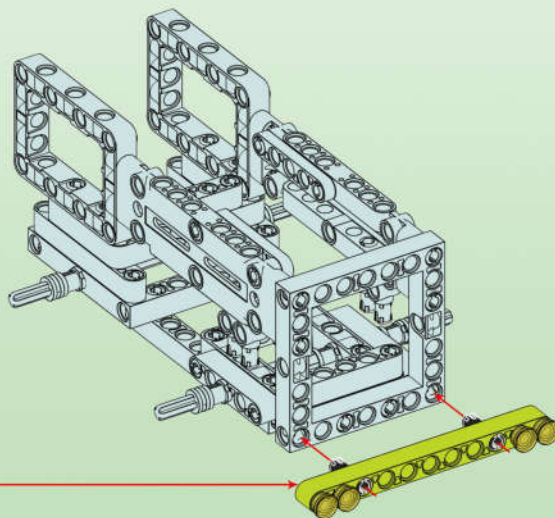
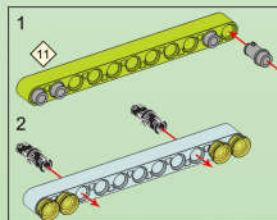




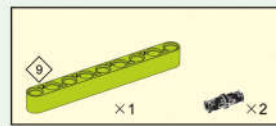
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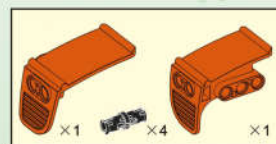
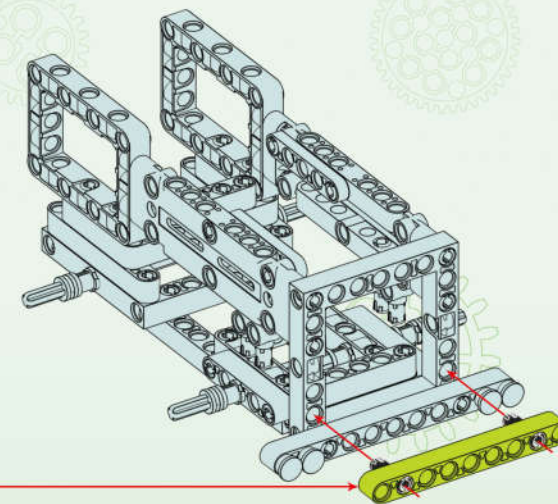
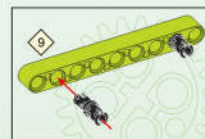
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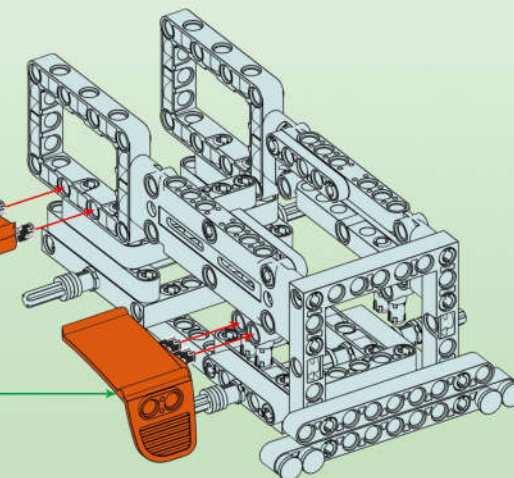
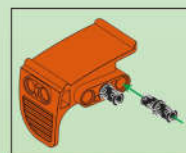
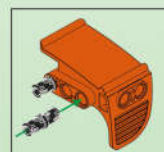
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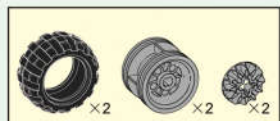
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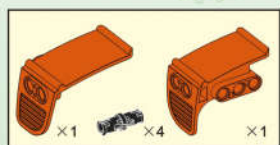
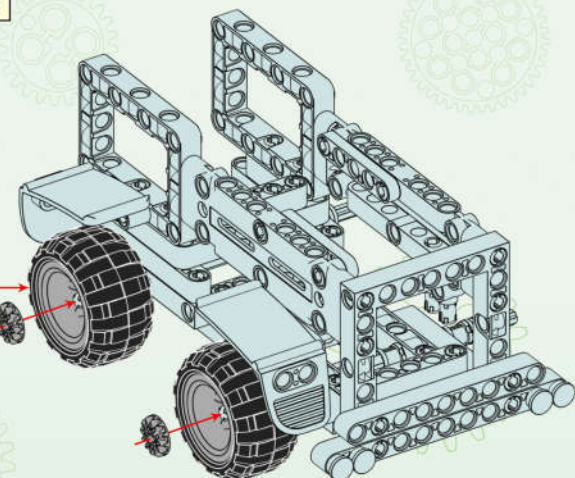
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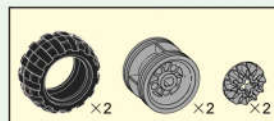
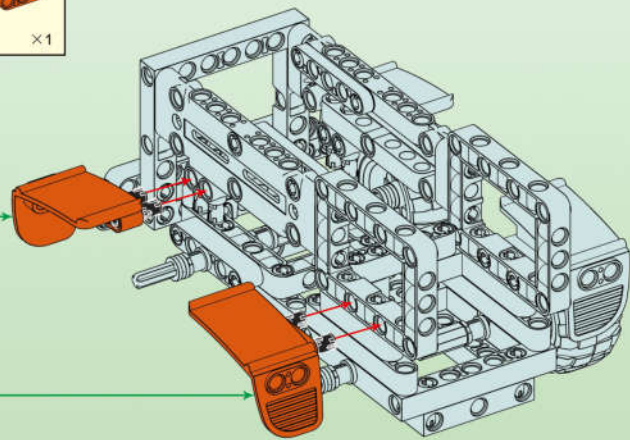
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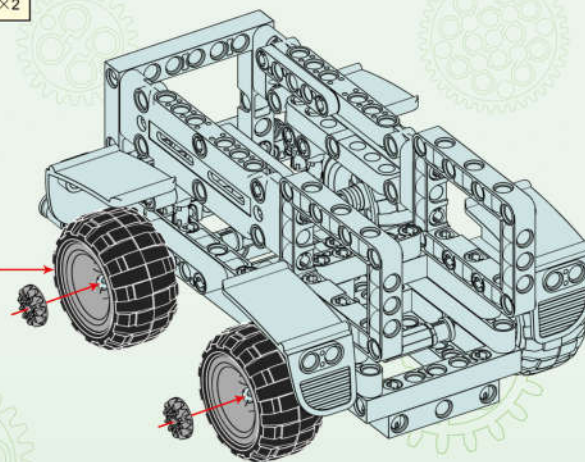
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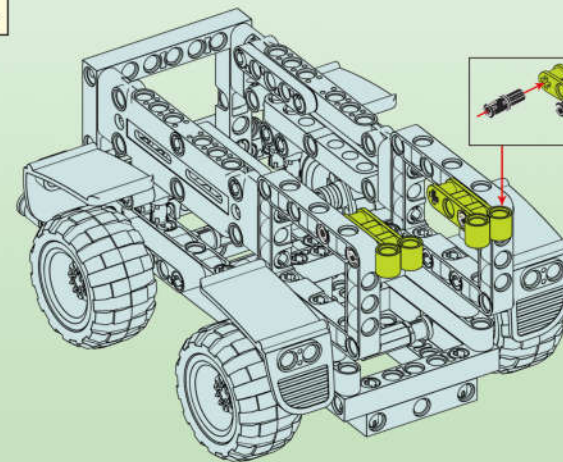
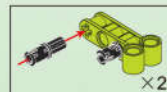
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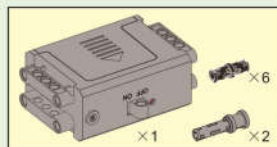


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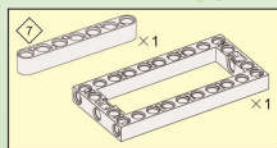
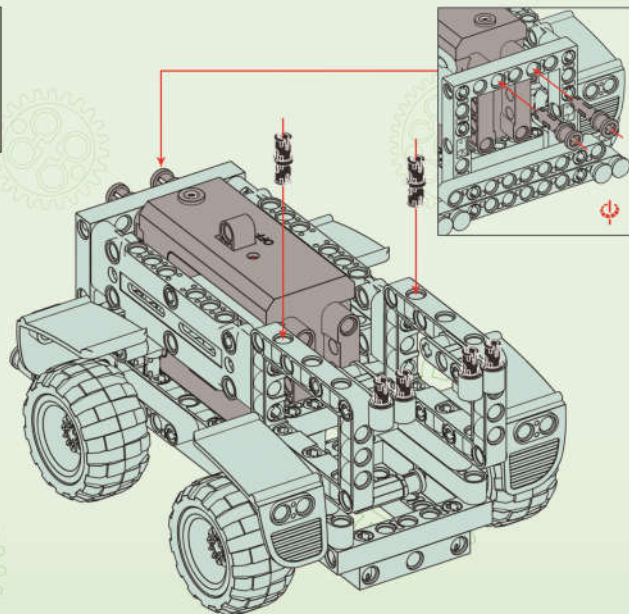
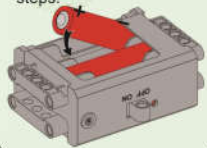
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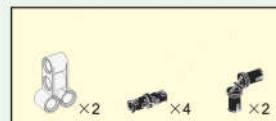
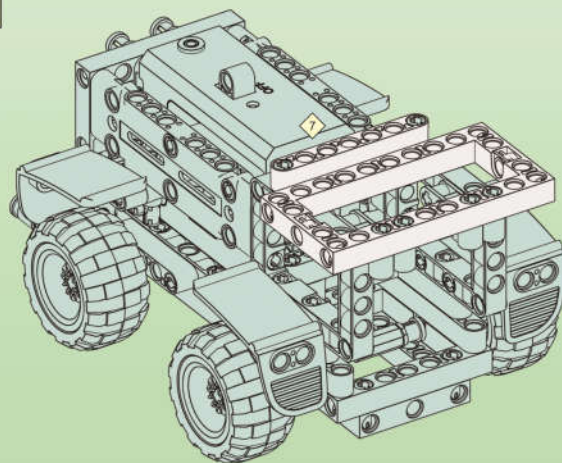


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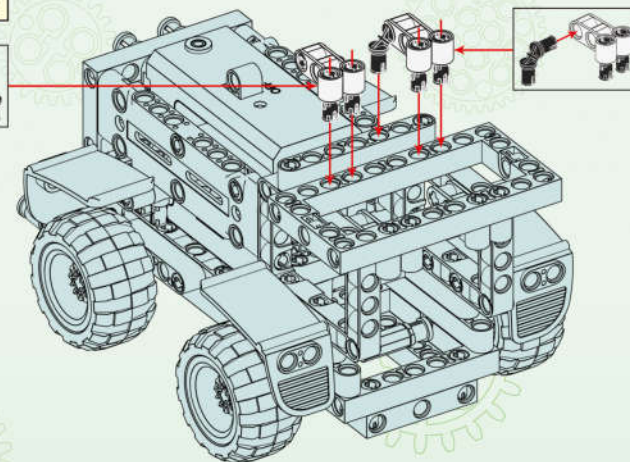
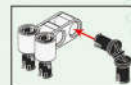
Please install 6 batteries first, and then build by steps.



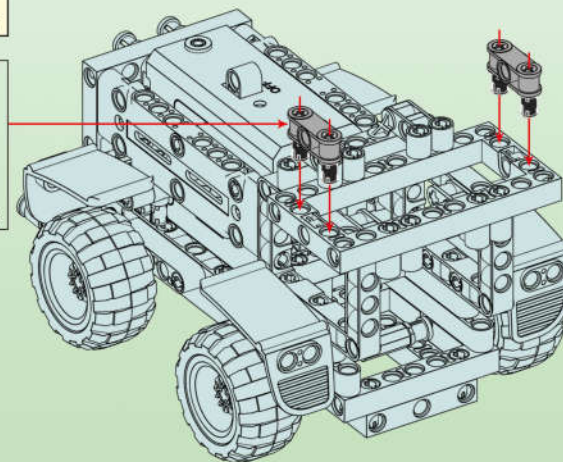
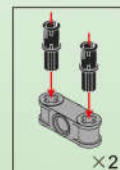
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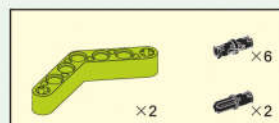


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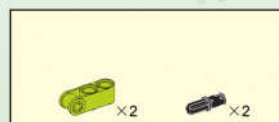
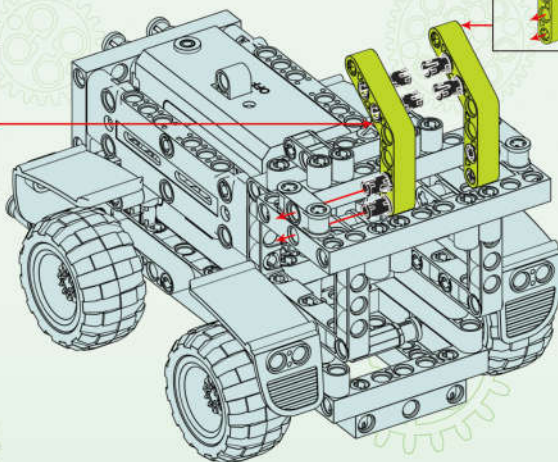
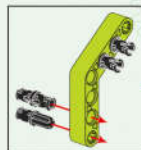


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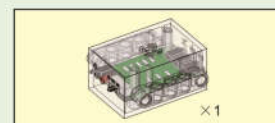
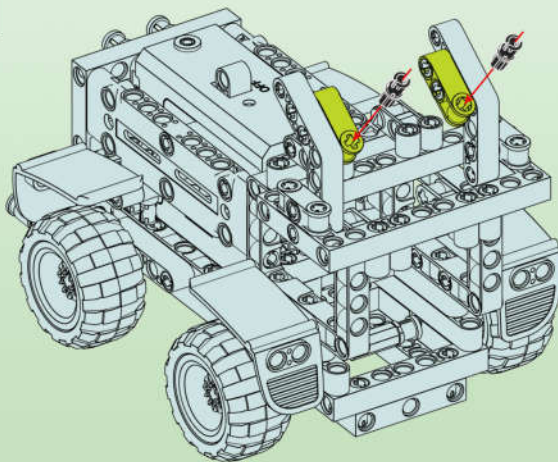




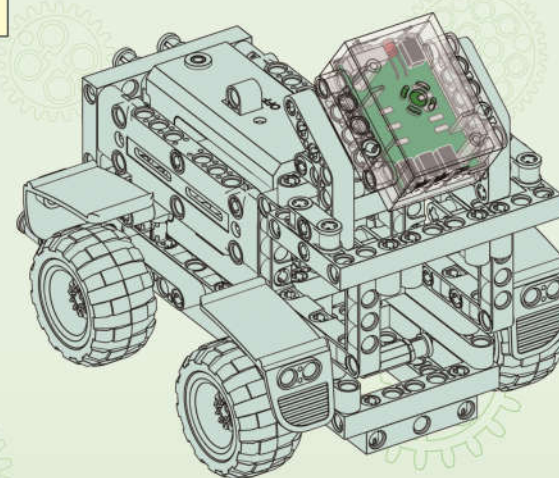
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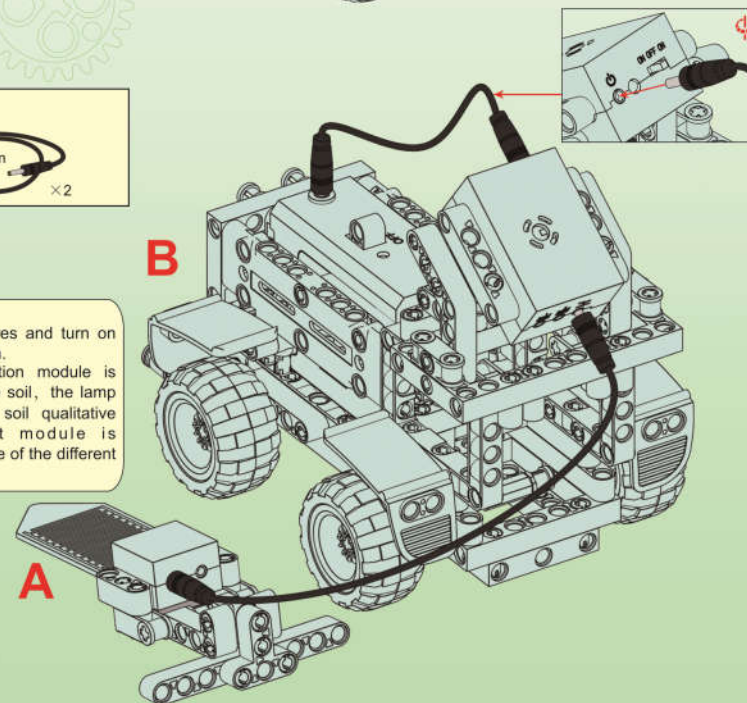


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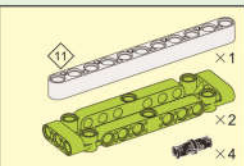
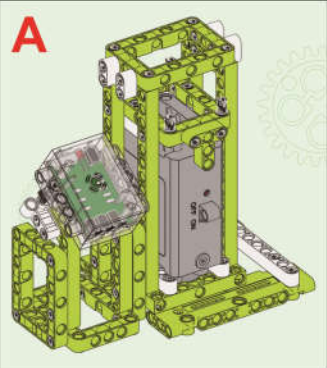


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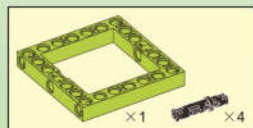
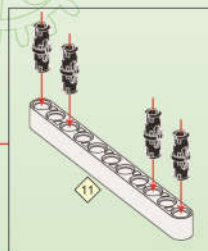
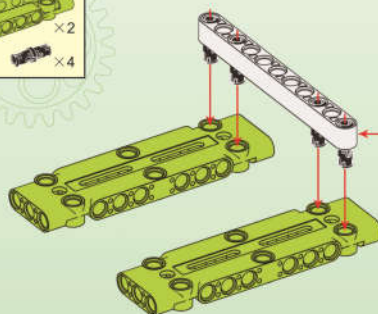
Tips:
1. Connect the wires and turn on the power switch.
2. The soil detection module is inserted into the soil, the lamp of water level soil qualitative measurement module is different because of the different humidity of soil.



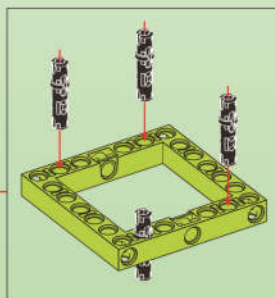
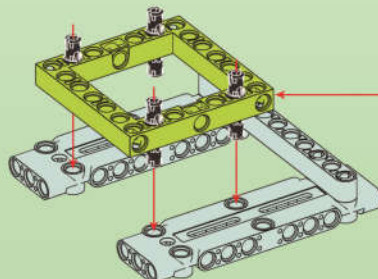
Water level measuring device



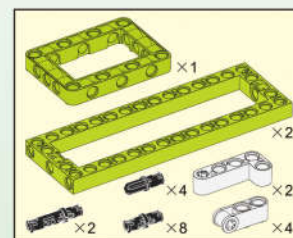
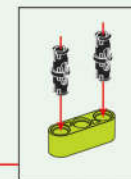
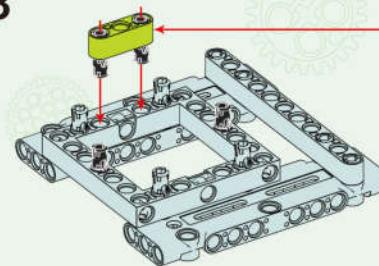
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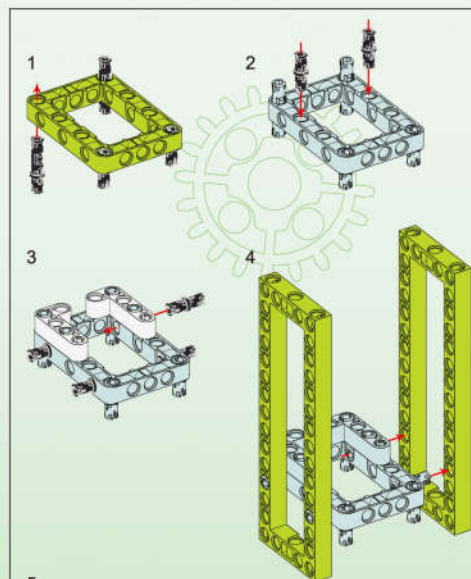
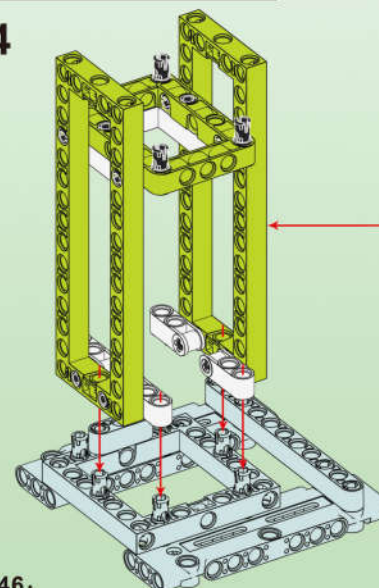
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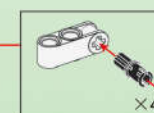
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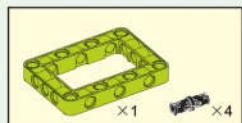


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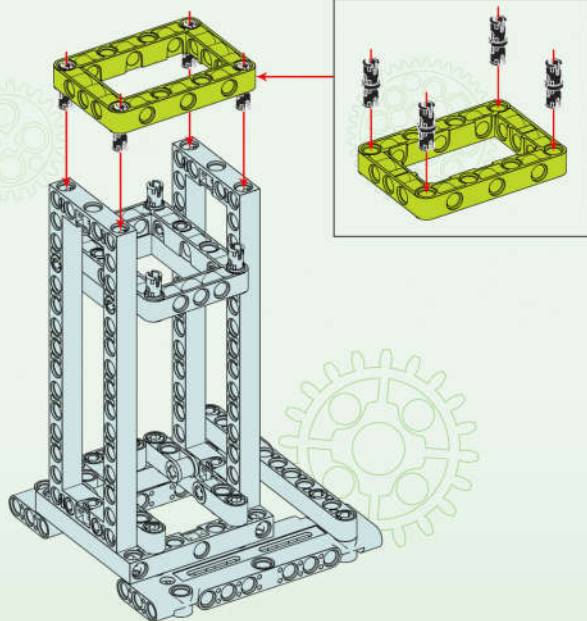


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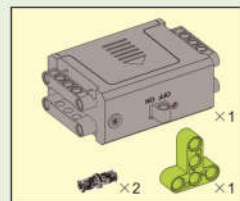
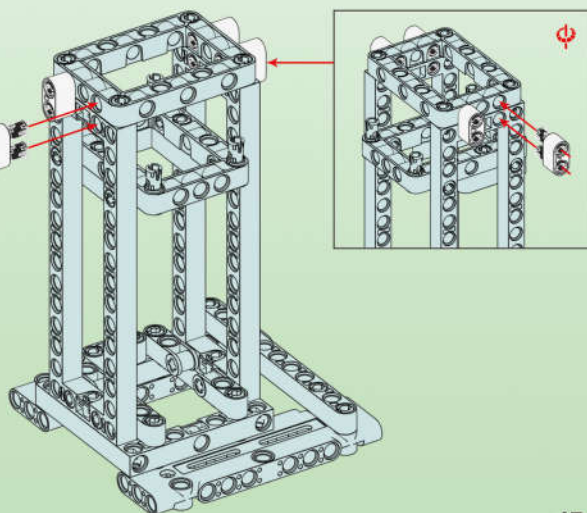
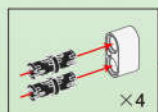




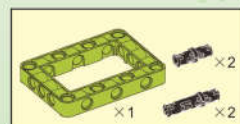
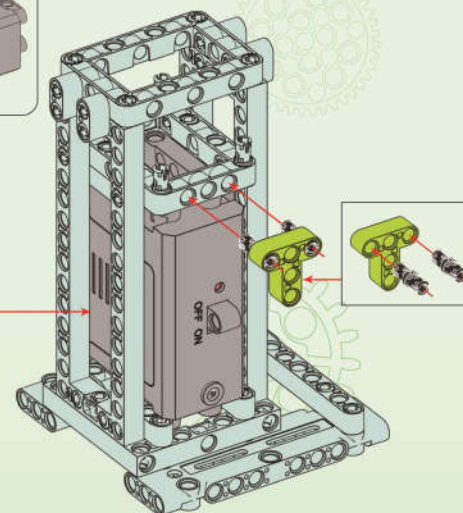
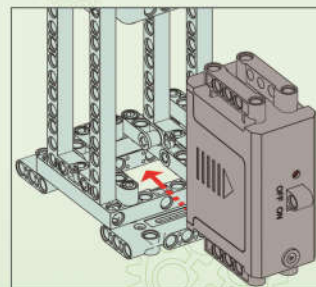
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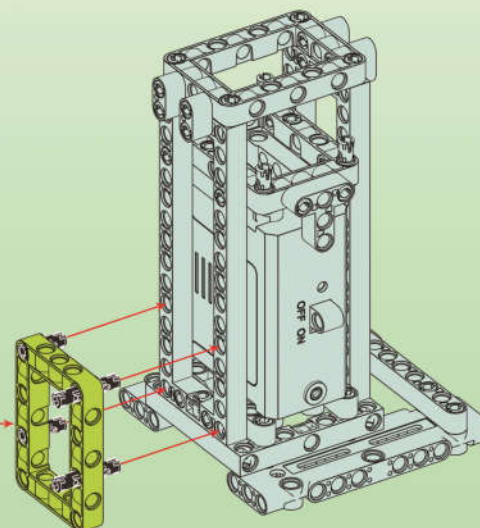
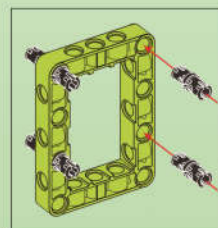
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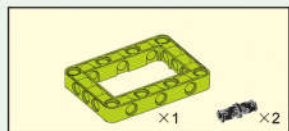


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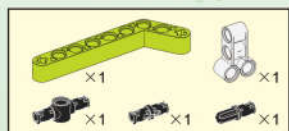
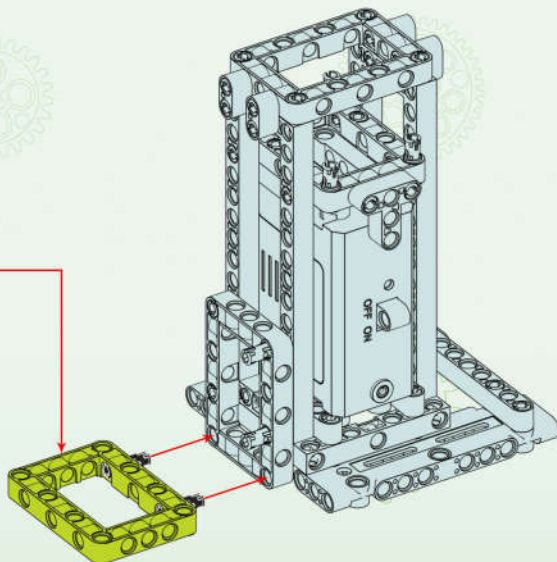
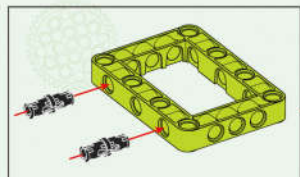


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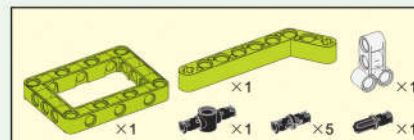
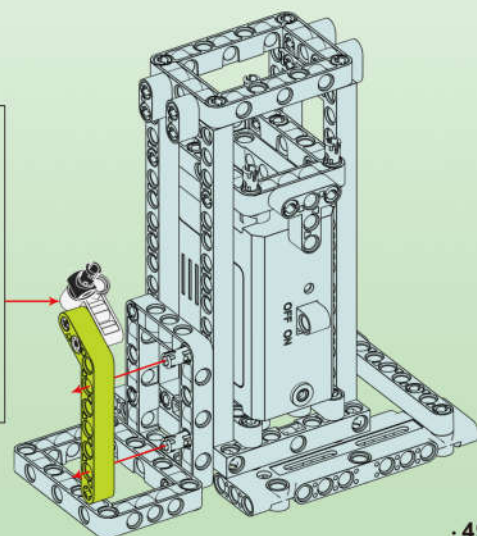
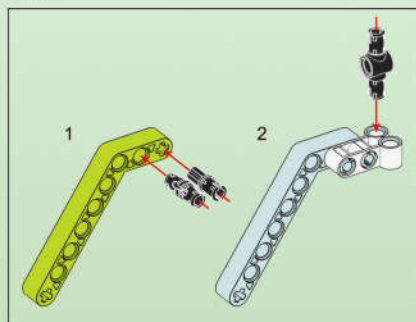




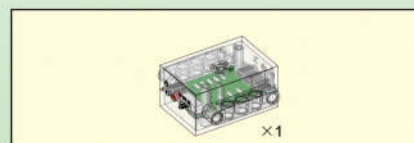
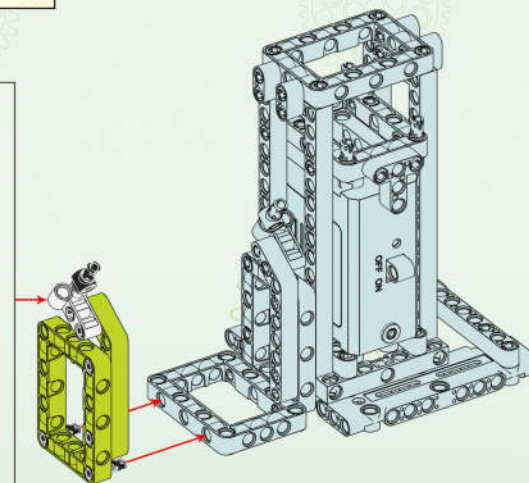
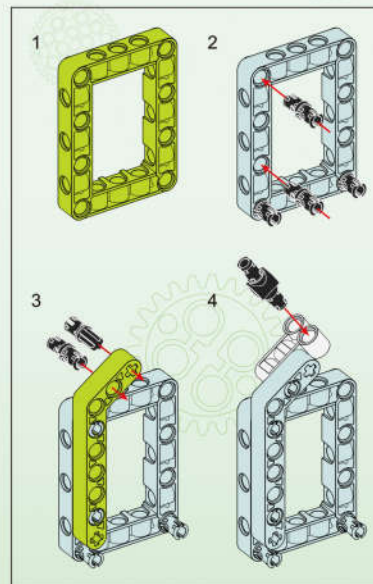
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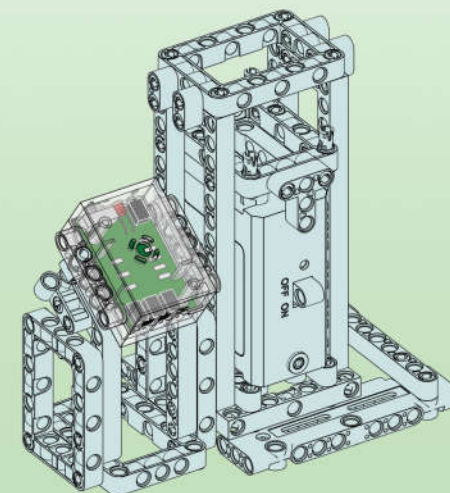
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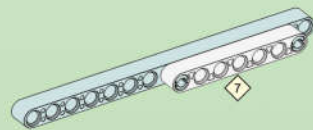
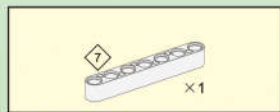
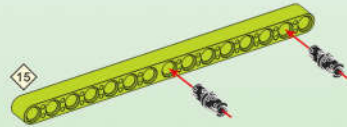
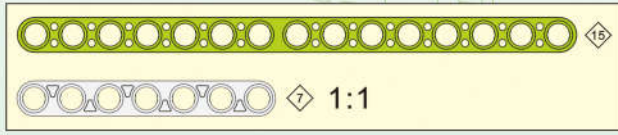
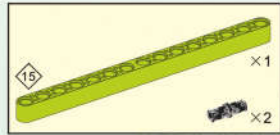
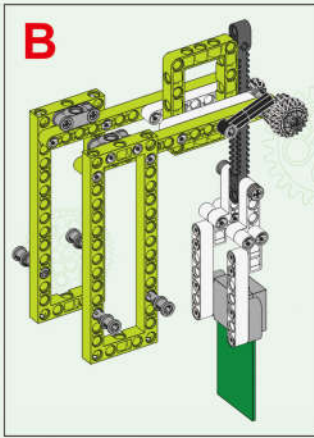


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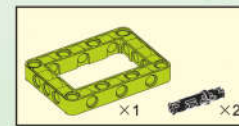
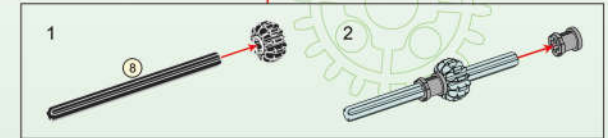
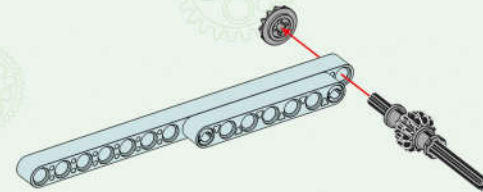


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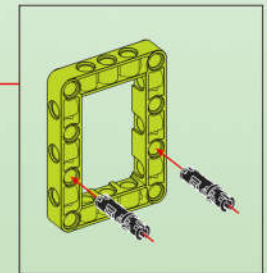
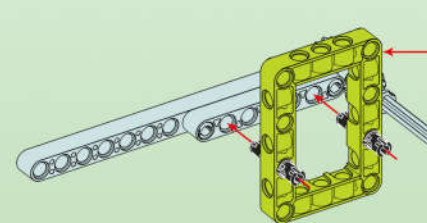




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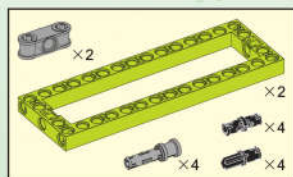
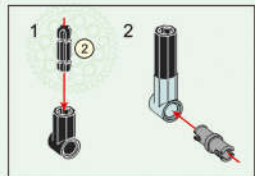


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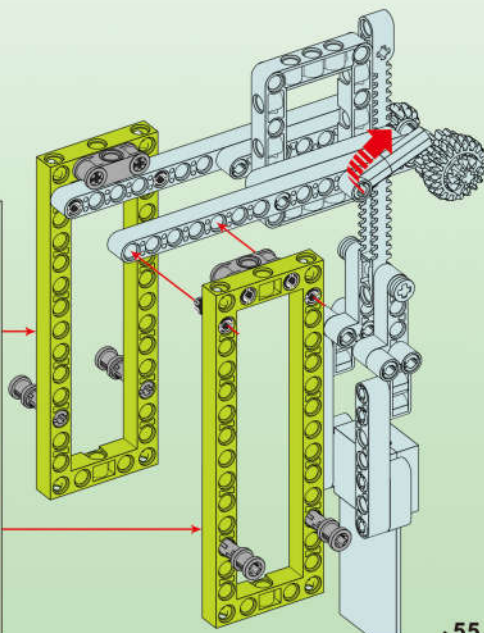
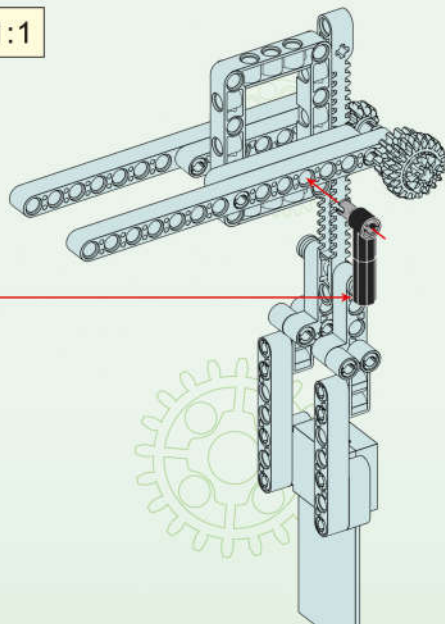
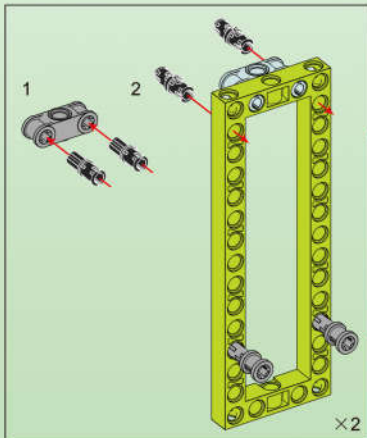




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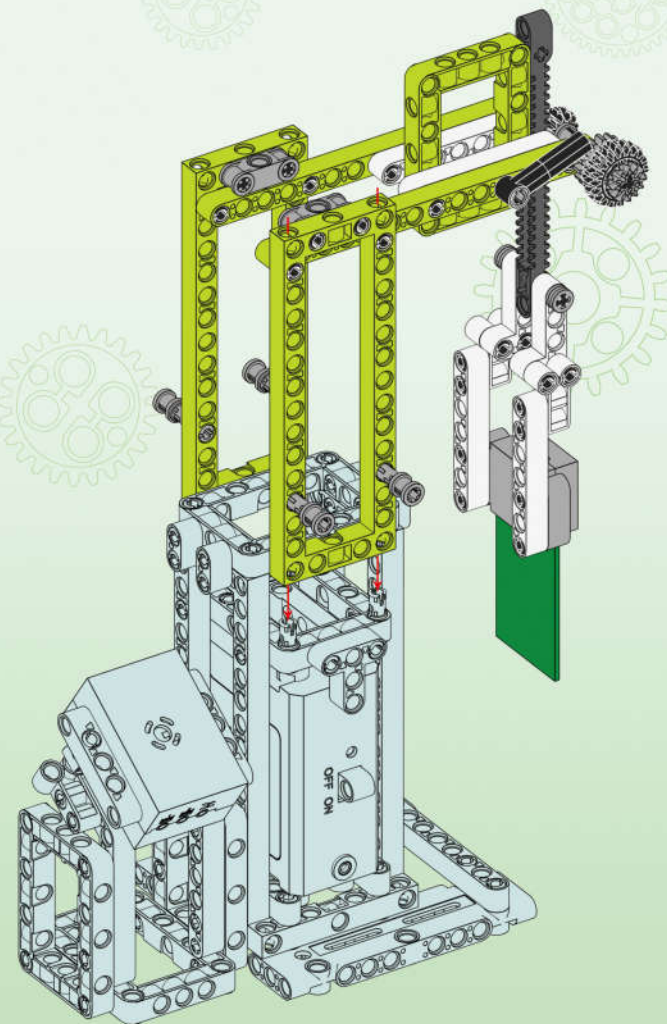


9



• 55 •

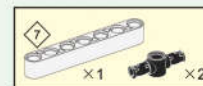
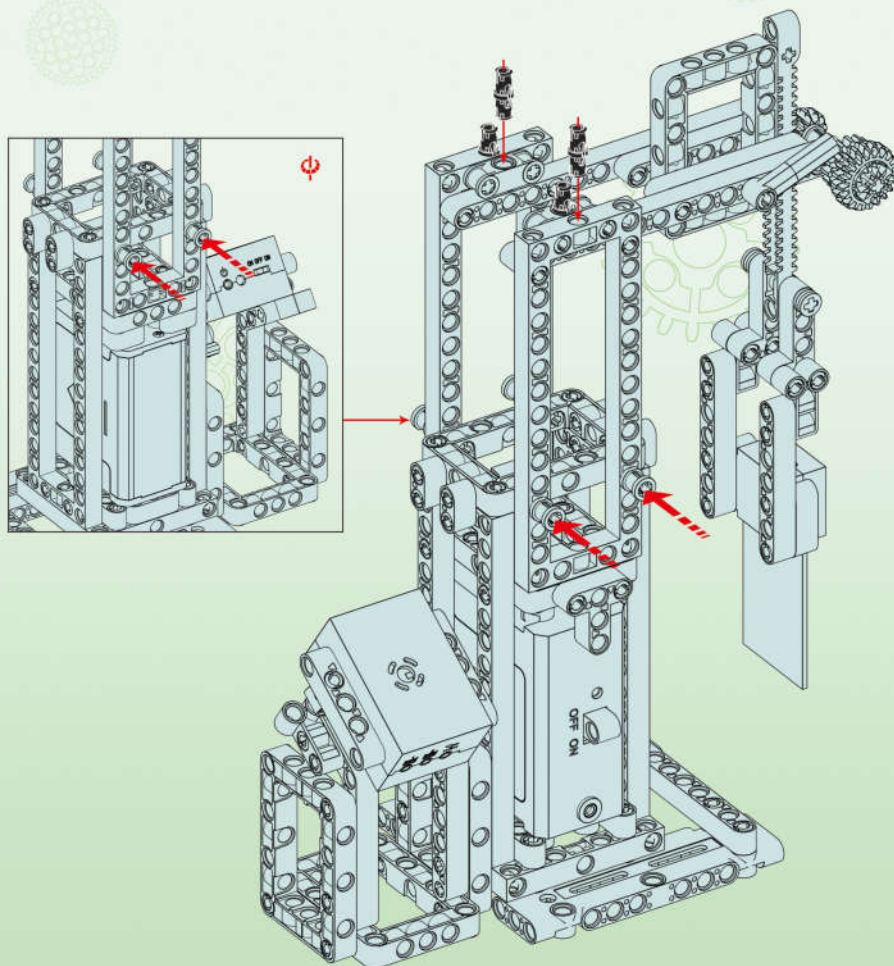
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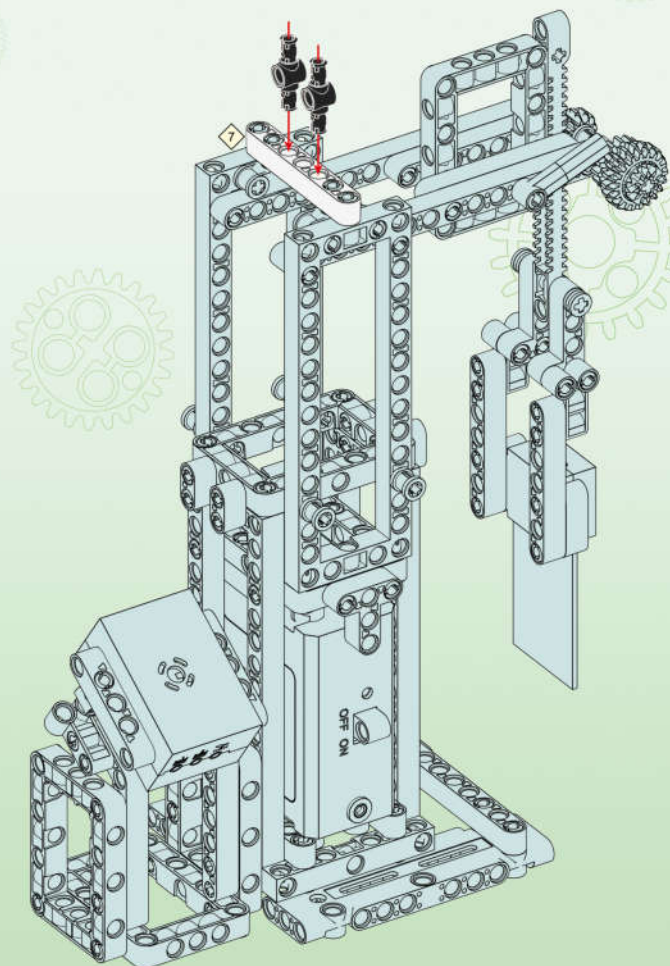
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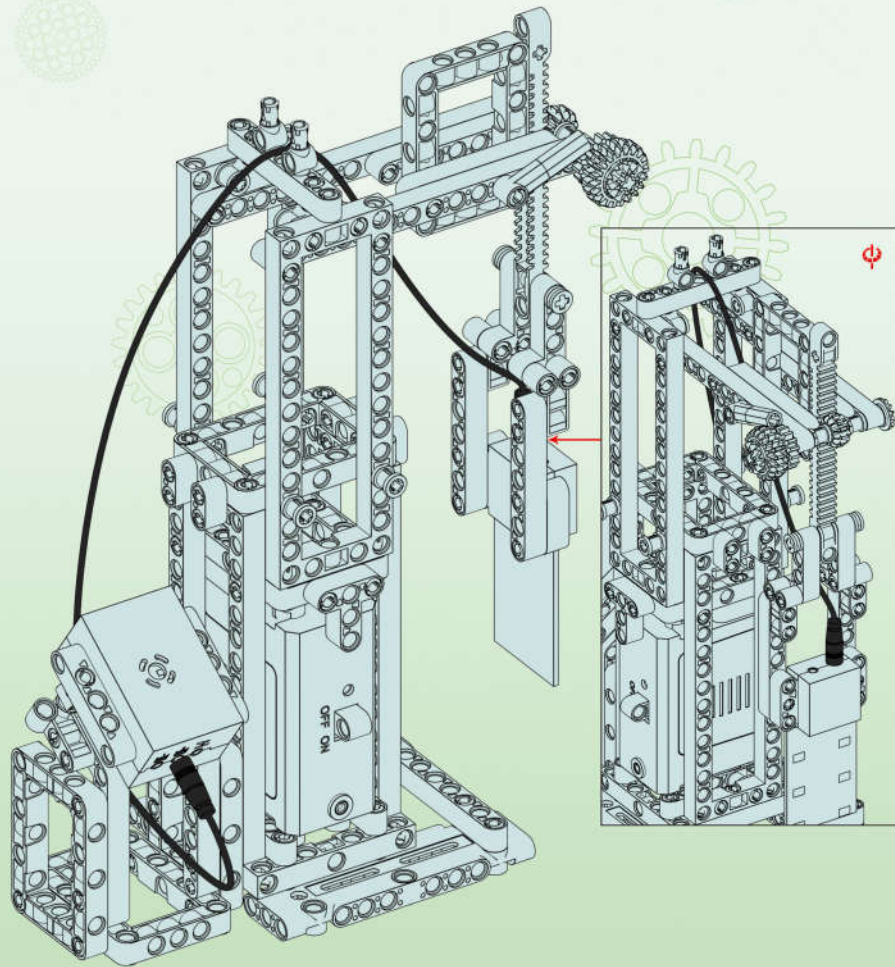


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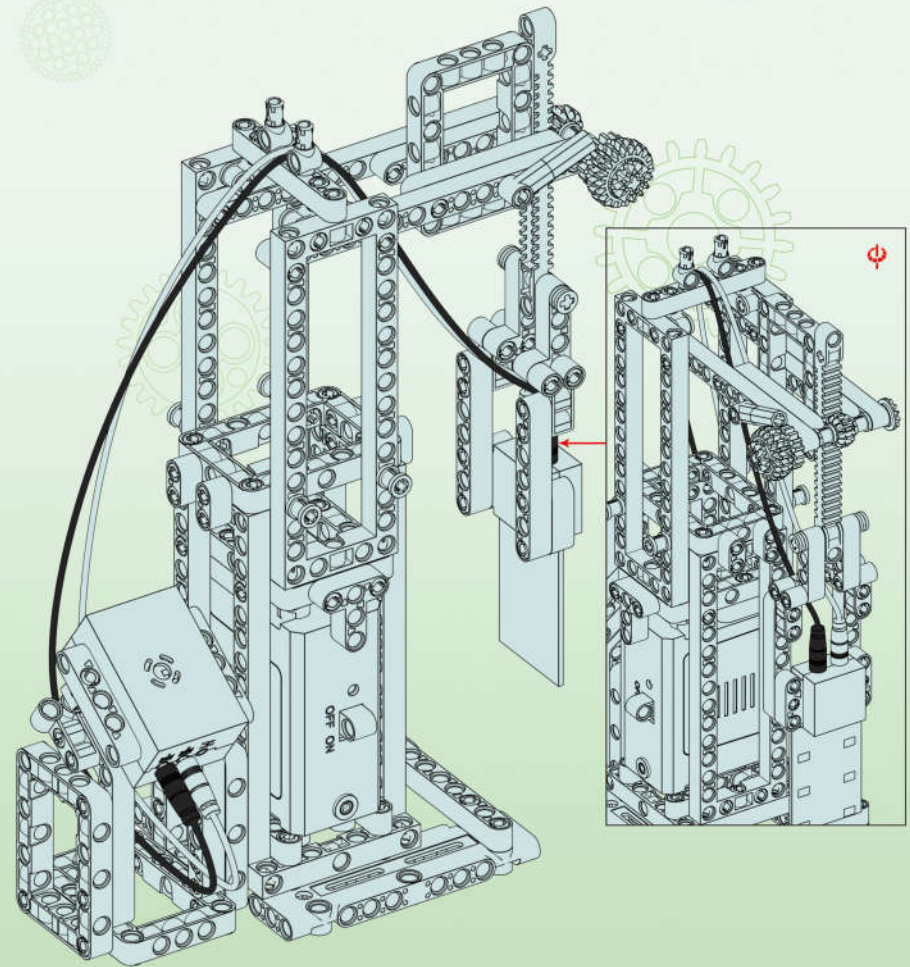


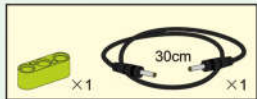


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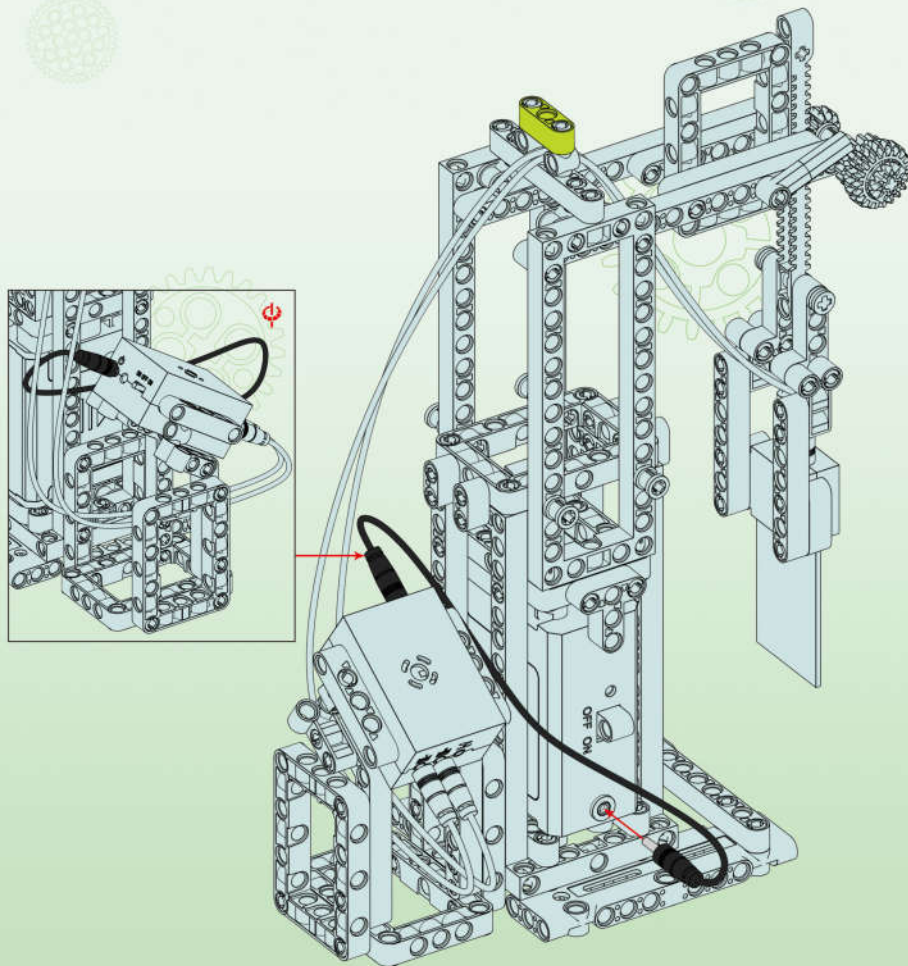


14





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Tips:

1. After the temperature and humidity measuring instrument is completed, place an empty cup under the water level probe, then put the water level probe to the lowest position, turn on the power switch, pour water into the cup slowly, observe the change of the LED lamp and record.
2. Lift the water level probe to the highest position, dry up the water on the probe, then put the water level probe into the cup filled with water slowly, observe the change of the LED lamp and record.

