

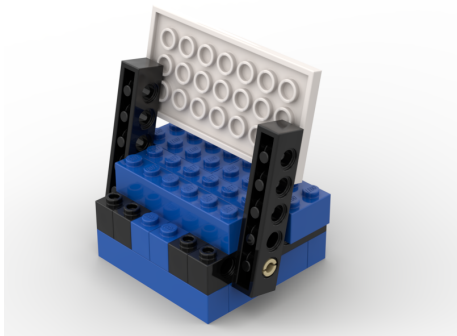
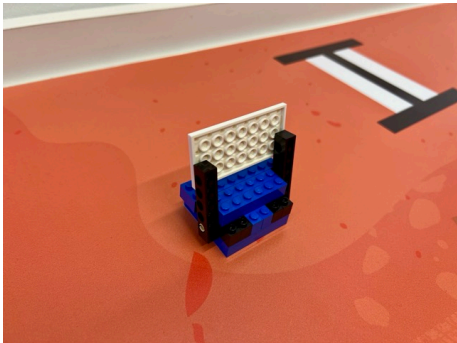
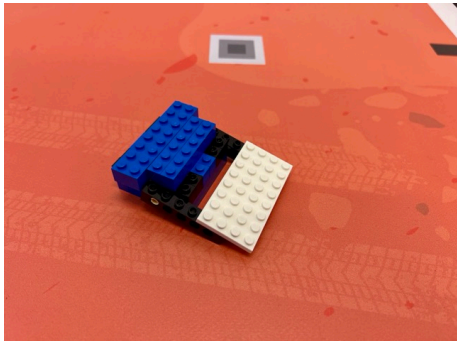

World Robot Olympiad 2025

RoboMission – Junior

Extra-Task “Water research sample” for the International Final published on October 9th 2025

*It is not necessary to solve this extra challenge to participate in the International Final,
but it will always be placed on the game field!*

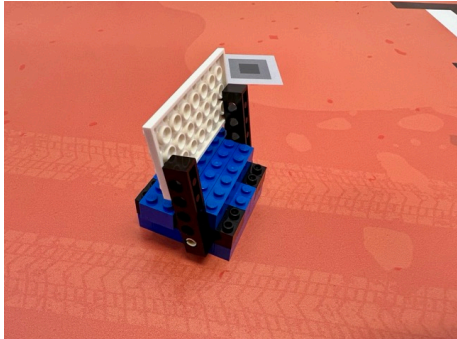


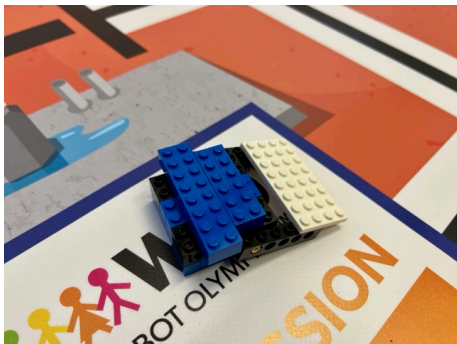
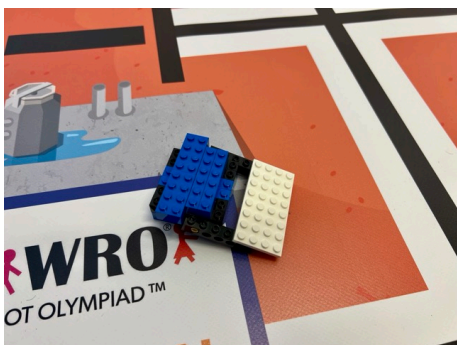
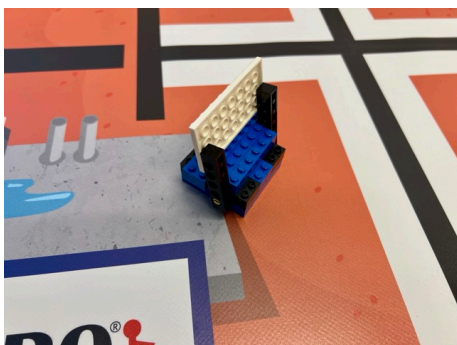
The game field contains a water research sample at the grey area on the upper end of the game field. The sample must be examined and transported to the start area.

 <p style="text-align: center;">Water research sample</p>	 <p style="text-align: center;">Start position</p>
 <p style="text-align: center;">Sample examined (10 points)</p>	 <p style="text-align: center;">Transported sample (10 points)</p>

Additional scoring lines will be added to the scoring sheet:

Extra-Task: Water research sample		
The white plate on the water research sample has been folded down. The sample was examined.	10	10
Water research sample is completely in the start area.	10	10
New maximum score		186

Scoring Interpretation

 <p>0 points (sample and not examined and not completely in start area)</p>	 <p>10 points (sample examined but not completely in start area)</p>
 <p>10 points (sample completely in start area but not examined)</p>	 <p>20 points (sample examined and completely in start area)</p>
 <p>10 points (sample examined, but not completely in start area)</p>	 <p>0 points (sample and not examined and not completely in start area)</p>

New Full Scoring Sheet

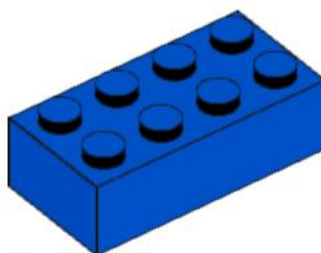
Team name: _____

Round: _____

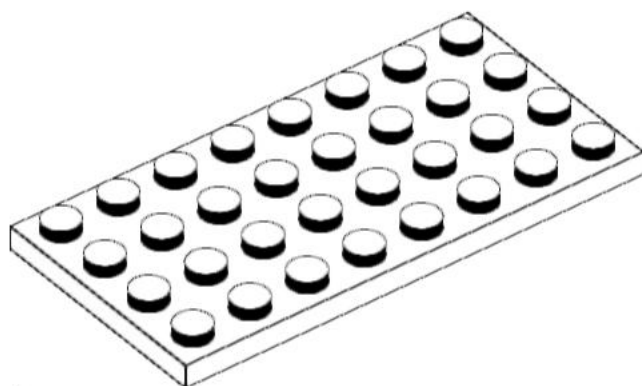
Tasks	Each	Max.	#	Total
Collect the drone				
The drone is completely in the start area.	10	10		
The drone is touching in the start area.	5			
Help the stranded rover				
Unfolded solar panel and rover still touching the area.	10	10		
Support research on mars				
Research sample is completely in the corresponding coloured research lab.	15	60		
Research sample is touching any lab <u>or</u> completely in the wrong-coloured lab.	10			
Water supply				
Water tank is in box	20	40		
Cross rough terrain				
Robot is completely in target area	12	12		
Bonus for barriers				
Barrier is not damaged or moved	8	16		
Rock is not damaged or moved	3	18		
Extra-Task: Water research sample				
The white plate on the water research sample has been folded down. The sample was examined.	10	10		
Water research sample is completely in the start area.	10	10		
New Maximum Score		186		
Total Score in this run				
Time in full seconds				



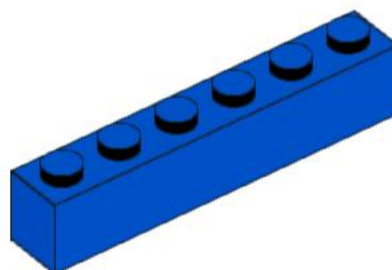
6x
3894
Black



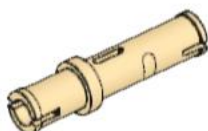
5x
3001
Blue



1x
3035
White

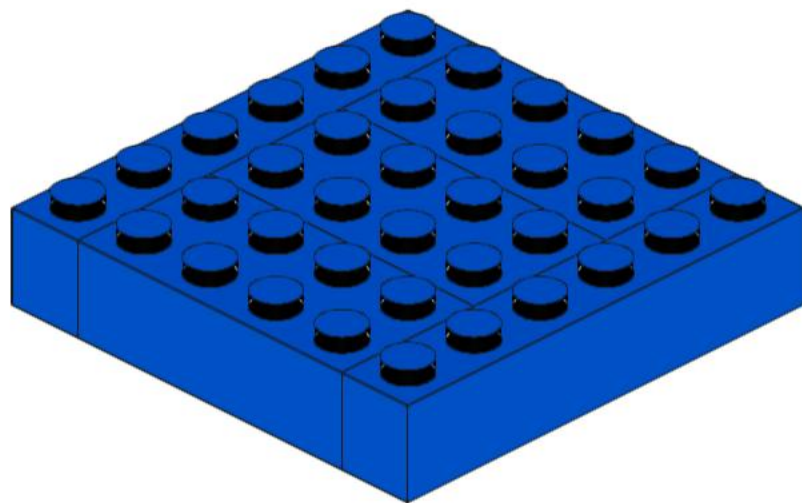
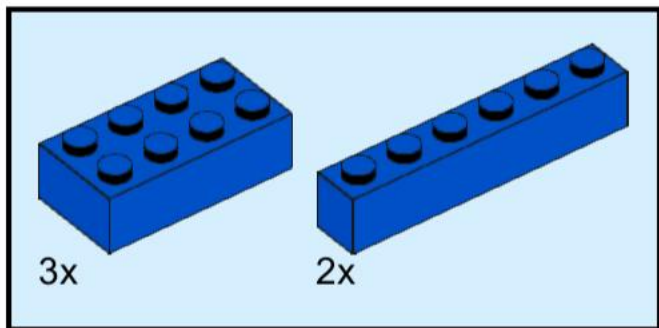


6x
3009
Blue

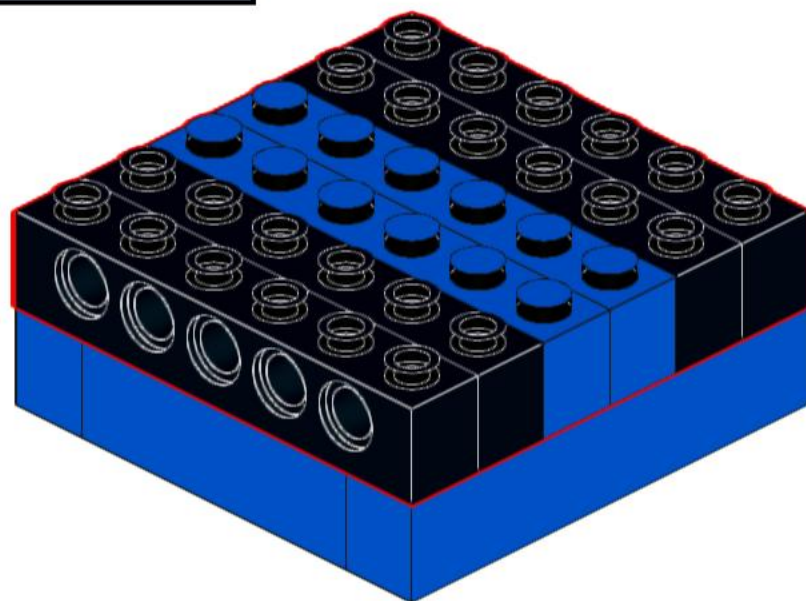
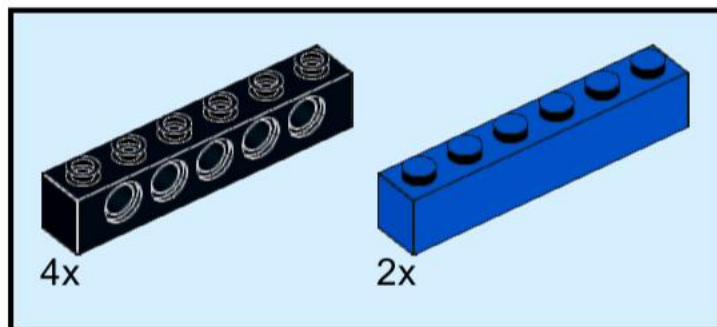


2x
32556
Tan

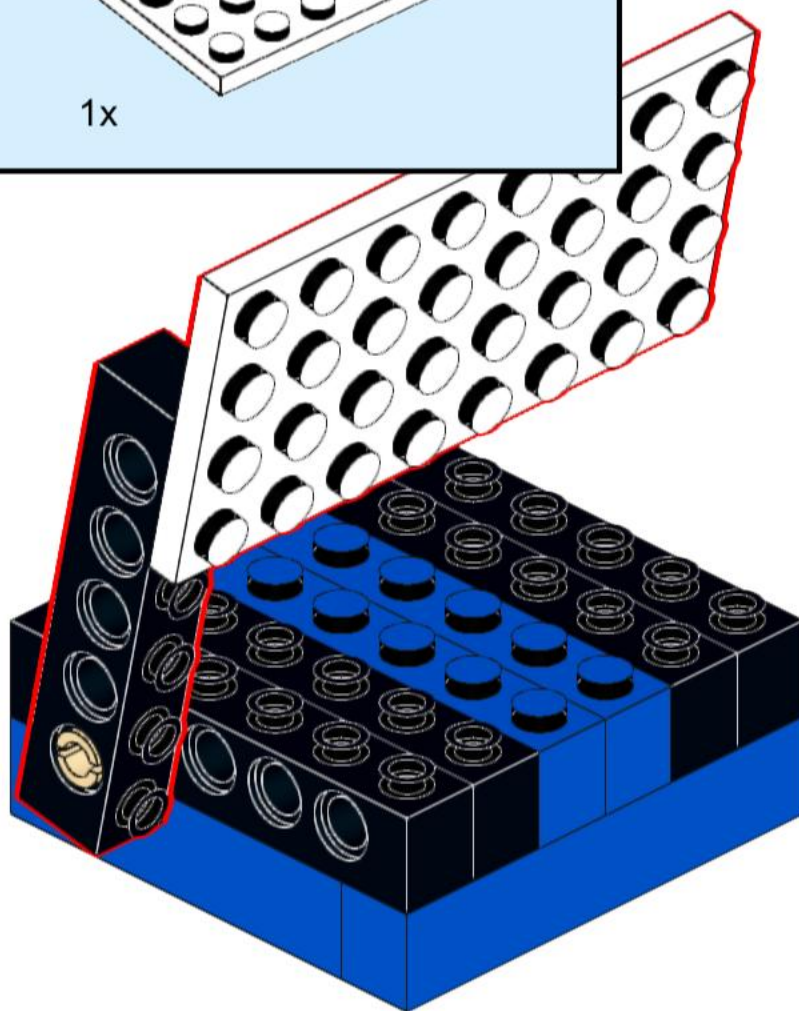
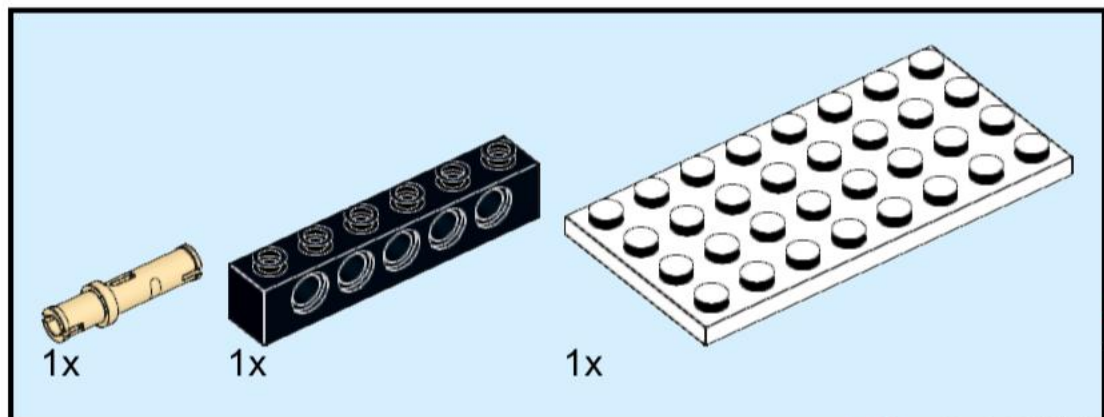
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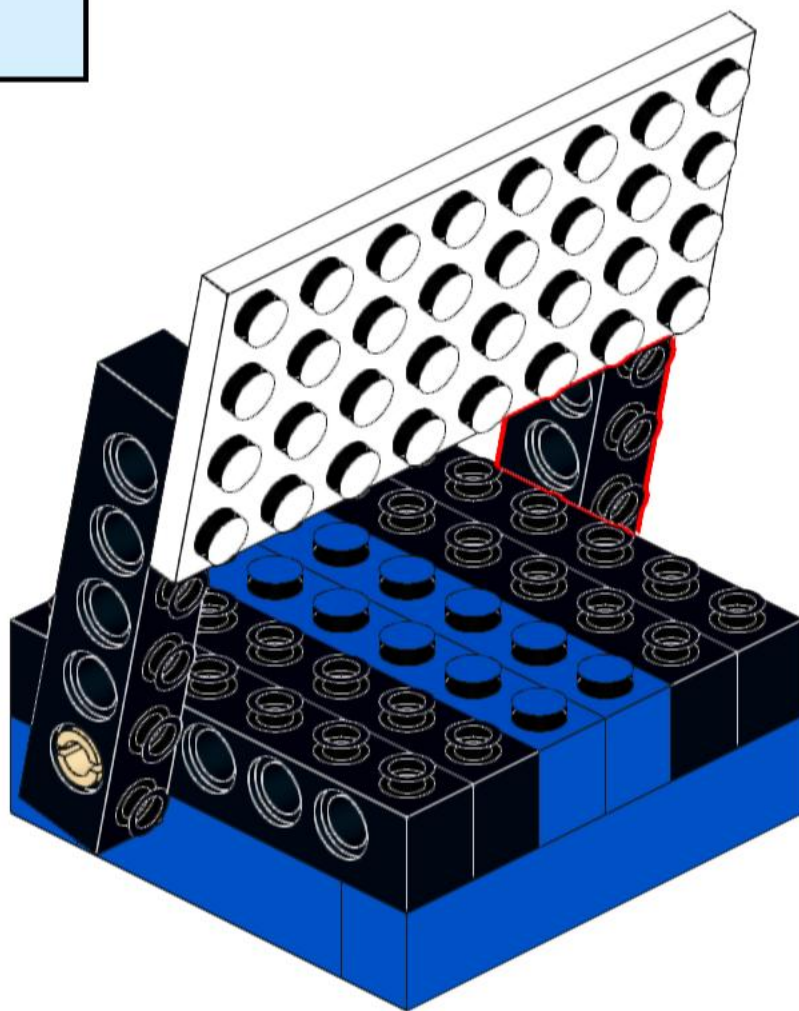
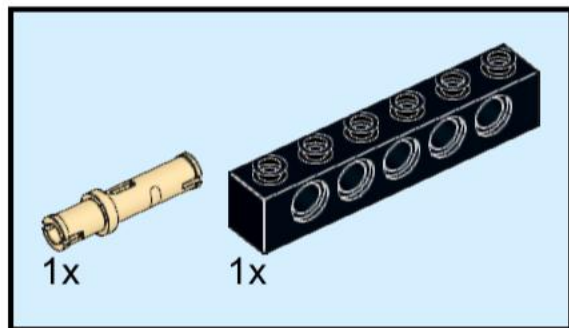
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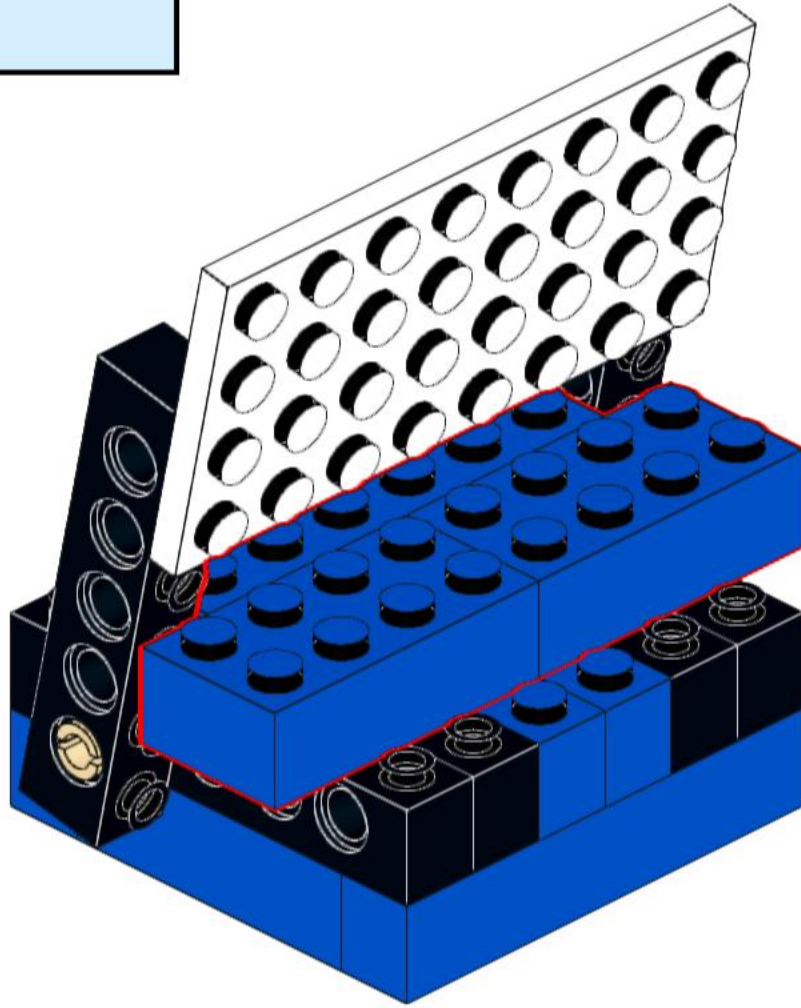
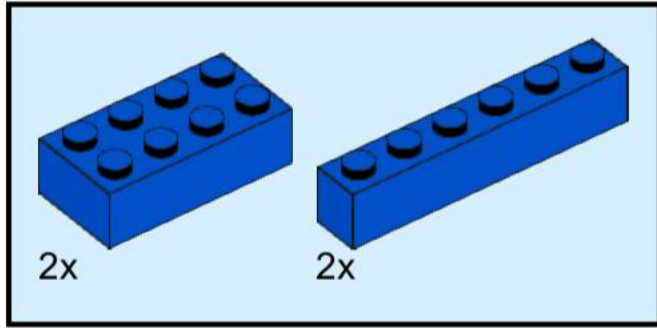
3



4



5



6

