



Team #	Match:	Referee:	Table:
--------	--------	----------	--------

TEAM NAME:

SCORE

EQUIPMENT INSPECTION		
If your robot and all your equipment fit completely in one launch area and are under a height limit of 12 in. (305 mm) during the pre-match inspection:		20
MISSION 01	RESEARCH PROJECT MODEL	
If your Research Project model is at least partly in the hydrogen plant target area:		10
<i>Design and bring a single Research Project model of your own to the match. To score, it must:</i>		
<ul style="list-style-type: none"> • Be made of at least two white LEGO® pieces. • Measure at least as long as four LEGO studs in some direction. 		
MISSION 02	OIL PLATFORM	
If a fuel unit is in the fuel truck:		5 EACH
Bonus: If at least one fuel unit is in the fuel truck and the fuel truck is at least partly over the fueling station target:		10 ADDED
MISSION 03	ENERGY STORAGE	
If an energy unit is completely in the energy storage bin (max of three):		10 EACH
If the energy unit is completely removed from the energy storage tray:		5
<i>All energy units stored in the energy storage bin may not be touching team equipment at the end of the match.</i>		
MISSION 04	SOLAR FARM	
If an energy unit has been completely removed from its starting circle:		5 EACH
Bonus: If all three energy units have been completely removed from their starting circles:		5 ADDED
MISSION 05	SMART GRID	
If your field's orange connector is completely raised:		20
If both teams' orange connectors are completely raised:		10 ADDED
<i>The smart grid model may not be touching team equipment at the end of the match.</i>		
MISSION 06	HYBRID CAR	
If the hybrid car is no longer touching the ramp:		10
If the hybrid unit is in the hybrid car:		10
MISSION 07	WIND TURBINE	
If an energy unit is no longer touching the wind turbine:		10 EACH
MISSION 08	WATCH TELEVISION	
If the television is completely raised:		10
If an energy unit is completely in the green television slot:		10
<i>The watch television model and the energy unit in the green television slot may not be touching team equipment at the end of the match.</i>		

MISSION 09	DINOSAUR TOY	
If the dinosaur toy is completely in the left home area:		10
If the dinosaur toy lid is completely closed:		
• And there is an energy unit inside:		10
• Or there is a rechargeable battery inside:		20

MISSION 10	POWER PLANT	
If an energy unit is no longer touching the power plant:		5 EACH
Bonus: If all three energy units are no longer touching the power plant:		10 ADDED

MISSION 11	HYDROELECTRIC DAM	
If the energy unit is no longer touching the hydroelectric dam:		20

MISSION 12	WATER RESERVOIR	
If a looped water unit is completely in the water reservoir, touching the mat:		5 EACH
If a looped water unit is placed on a single red hook:		10 EACH HOOK
<i>The loop on the looped water unit may extend out of the water reservoir.</i>		
<i>Looped water units in the water reservoir or on red hooks may not be touching team equipment at the end of the match.</i>		

MISSION 13	POWER-TO-X	
If an energy unit is completely in the hydrogen plant target area (max of three):		5 EACH

MISSION 14	TOY FACTORY	
If an energy unit is at least partly in the slot in the back of the toy factory (or in the red hopper) (max of three):		5 EACH
If the mini dinosaur toy has been released:		10
<i>Energy units stored in the toy factory may not be touching team equipment at the end of the match.</i>		

MISSION 15	RECHARGEABLE BATTERY	
If an energy unit is completely in the rechargeable battery target area (max of three):		5 EACH
<i>The rechargeable battery is not an energy unit.</i>		
<i>Energy units stored in the rechargeable battery target area may not be touching team equipment at the end of the match.</i>		

PRECISION TOKENS	
You begin the match with six precision tokens worth 50 free points. The referee holds onto them. If you interrupt the robot outside of home, the referee removes one token. You keep points for the number of remaining tokens at the end of the match. If the number remaining is:	
1: 10, 2: 15, 3: 25, 4: 35, 5: 50, 6: 50	

FINAL SCORE	
<i>Final score is equal to the sum of all values in the score columns.</i>	

Gracious Professionalism® displayed at the robot game table:		
DEVELOPING	ACCOMPLISHED	EXCEEDS
2	3	4