

RDL Competition Scoring Sheet

Movement Beyond Starting Position	Autonomous	TeleOp
Robot A=100 pts each T=25 pts each		
Drone A=100 pts each T=25 pts each		
Task 1: Assemble MOONBASE Habitat Modules	Autonomous	TeleOp
Biosphere Habitat Pod (Large) A=100 pts T=50 pts		
Biosphere Habitat Pod (Small) (4 total) A=50 pts each T=25 pts each	1 2 3 4	1 2 3 4
Solar Panel Arrays (6 total) A=50 pts each T=25 pts each	1 2 3 4 5 6	1 2 3 4 5 6
Communication Satellite A=100 pts T=50 pts		
Task 2: Establish Electrical Power and Secure Communications Link	Autonomous	TeleOp
Solar Panels Array A=150 pts T=75 pts		
Communications Satellite A=150 pts T=75 pts		
Communications Satellite Encryption A=200 pts T=100 pts		
Task 3: Aerial Survey and Exploration Site Marking	Autonomous	TeleOp
Aerial Survey A=200 pts T=50 pts		
Site Marking (2 total) A=200 pts each T=50 pts each	1 2	1 2
Task 4: Sensor / Tool Deployment	Autonomous	TeleOp

Sensor Deployment (2 total) A=200 pts each T=50 pts each	1 2	1 2
Tool Deployment (2 total) A=200 pts each T=50 pts each	1 2	1 2
Task 5: Crater Mining and Moon Rock Alley Exploration	Autonomous	TeleOp
Ice (20 total) A=50 pts each T=10 pts each	Write Total	Write Total
Titanium Moon Rocks (100 total) A=300 pts each T=50 pts each	Write Total	Write Total
Helium (2 total) A=400 pts each T=200 pts each	1 2	1 2
Gold A=1000 pts each T=500 pts each		
Task 6: Lunar Gateway Space Station	Autonomous	TeleOp
LGS A=200 pts each T=100 pts each		
Docking (5 total) A=300 pts each T=50 pts each	1 2 3 4 5	1 2 3 4 5
Encryption A=300 pts each T=50 pts each		
Emergency Supply Pods (20 total) A=300 pts each T=100 pts each	Write Total	Write Total
Task 7: STEM Questions	Autonomous	TeleOp
Stem Questions (5 total) A=500 pts each T=100 pts each	1	1 2 3 4
End Game	Yes	No
Unfurl Alliance Flag T Only=500 pts		