

RDL Jr. Competition Scoring Sheet

Movement Beyond Starting Position	Autonomous	TeleOp
Robot A=100 pts each T=25 pts each		
Drone A=100 pts each T=50 pts each		
Task 1: Assemble MOONBASE Habitat Modules	Autonomous	TeleOp
Biosphere Habitat Pod (Small) (4 total) A=100 pts each T=50 pts each	1 2 3 4	1 2 3 4
Solar Panel Arrays (2 total) A=100 pts each T=50 pts each	1 2	1 2
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) (2 bonus) A=100 pts each T=50 pts each	1 2 B B	1 2 B B
Tool Deployment (2 total) (2 bonus) A=100 pts each T=50 pts each	1 2 B B	1 2 B B

Task 5: Crater Mining and Moon Rock Alley Exploration	Autonomous	TeleOp
Ice (10 total) A=50 pts each T=10 pts each	Write Total	Write Total
Titanium Moon Rocks (5 total) A=100 pts each T=50 pts each	Write Total	Write Total
Helium (6 total) A=100 pts each T=50 pts each	Write Total	Write Total
Gold (4 total) A=1000 pts each T=50 pts each	Write Total	Write Total
Task 6: Lunar Gateway Space Station	Autonomous	TeleOp
LGS A=200 pts each T=100 pts each		
Docking (5 total) (1 Bonus Stunt) A=100 pts each T=50 pts each	1 2 3 4 5 B	1 2 3 4 5 B
Encryption A=300 pts each T=50 pts each		
Emergency Supply Pods (10 total) A=300 pts each T=100 pts each	Write Total	Write Total
Task 7: STEM Questions	Autonomous	TeleOp
Stem Questions (5 total) A=200 pts each T=100 pts each	1 2 3 4 5	1 2 3 4 5
End Game	Yes	No
Robot returned to starting block before time expired T Only=100 pts		
Drone returned to starting block before time expired T Only= 100 pts		