

Mars Exploration Rubric

Group _____ Members _____ Date _____

	1	2	3	4	Grade
1. Launch Date/ Landing Site	1 of 3 elements given	2 of 3 elements given, but inaccurate information	2 of 3 elements given	(1) Prober positioning of Earth & Mars within set date; (2) Landing site description; (3) Longitude & latitude given	
2. Survival On Mars	Inadequate preparation in 4 out of 5 critical categories	Adequate preparation for 3 out of 5 critical categories	Adequate preparation for 4 out of 5 critical categories	Adequate preparation for: food , water, shelter, oxygen, & crew health	
3. Rocket	Rocket does not fly straight or breaks apart	Rocket flies but does not meet altitude	Rocket meets altitude, but breaks apart	Rocket Reaches height of 60 meters	
4. Lander	Construction Specs not met	Meets all Specs; Payload does not survive	Missed target; All other Specs met; Payload survives	All spec. met; payload survives	
5. Crater Study	Study incomplete	Study complete but misinterpreted	Study complete but slight misinterpretation	Study complete and interpreted	
6. Group Work (x2)	Group not cooperative; one or two people did most of the work	Several members did not participate well; Some disagreements	Members participated most of the time; Some disagreements	All members participated and contributed; Disagreements minor	