Return to the Moon
Alignment to Sunshine State Standards

			Life Support Officer	Remote Officer	Probe Officer	Medical Officer	Isolation Officer	Navigation Officer	Communication Offic	Data Officer
	Science Grades 3-5									
SC.A.1.2.1	The student determines that the properties of materials (e.g. density and volume) can be compared and measured (e.g., using rulers, balances, and thermometers).		X	X	X		X			
SC.A.1.2.3	The student knows that the weight of an object always equals the sum of its parts.				X					
SC.H.1.2.1	The student knows that it is important to keep accurate records and descriptions ot provide information and clues on causes of discrepancies in repeated experiments.	X	X	X	X	X	X	X	X	X
SC.H.1.2.2	The student knows that a successful method to explore the natural world is to observe and record, and then analyze and communicate the results.	X	X	X	X	X	X	X	X	X
SC.H.1.2.3	The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.	X	X	X	X	X	X	X	X	X
SC.H.1.2.4	The student knows that to compare and contrast observations and results is an essential skill in science.									
SC.H.1.2.5	The student knows that a model of something is different from the real thing, but can be used to learn something about the real thing.	X	X	X	X	X	X	X	X	X
SC.H.3.2.2	The student knows that data are collected and interpreted in order to explain an event or concept.	X	X	X	X	X	X	X	X	X
SC.H.3.2.4	The student knows that through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas.	X	X	X	X	X	X	X	X	X
	Science Grades 6-8									
SC.A.1.3.1	The student identifies various ways in which substances differ (e.g. mass, volume, shape, density, texture, and reaction to temperature and light).		X	X	X					
SC.C.1.3.1	The student knows that the motion of an object can be described by its position, direction of motion, and speed.							X		
SC.H.1.3.4	The student knows that accurate record keeping, openness, and replication are essential to maintaining an investigator's credibility with other scientists and society.	X	X	X	X	X	X	X	X	X
SC.H.3.3.7	The student knows that computers speed up and extend people's ability to collect, sort, and analyze data; prepare research reports; and share data and ideas with others.	X	X	X	X	X	X	X	X	X

	Mathematics	All Stations	Life Support Officer	Remote Officer	Probe Officer	Medical Officer	Isolation Officer	Navigation Officer	Communication Officer	Data Officer
MA.A.3.3.3	The student adds, subtracts, multiplies, and divides whole numbers, decimals, and fractions, including mixed numbers, to solve real-world problems, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.		X	X		X	X			
MA.B.1.3.4	The student constructs, interprets, and uses scale drawings such as those based on number lines and maps to solve real-world problems.							X		
MA.B.3.3.1	The student solves real-world and mathematical problems involving estimates of measurements including length, time, weight/mass, temperature, money, perimeter, area and volume, in either customary or metric units.							X		
MA.B. 4.3.2	The student selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		X			X				
MA.C.3.3.1	The student represents and applies geometric properties and relationships to solve real-world and mathematical problems.							X		
MA.C.3.3.2	The student creates and interprets tables, graphs, equations, and verbal descriptions to explain cause-and-effect relationships.							X		
	Language Arts									
LA.A.1.3.3	The student demonstrates consistent and effective use of interpersonal and academic vocabularies in reading, writing, listening, and speaking.							X	X	
LA.A.2.3.1	The student determines the main idea or essential message in a text and identifies relevant details and facts and patterns of organization.		X	X		X	X			
LA.A.2.3.5	The student locates, organizes, and interprets written information for a variety of purposes, including classroom research, collaborative decision making, and performing a school or real-world task.		X	X		X	X			
LA.B.2.3.4	The student uses electronic technology including databases and software to gather information and communicated new knowledge.	X	X	X	X	X	X	X	X	X
LA.C.1.3.1	The student listens and uses information gained for a variety of purposes, such as gaining information from interviews, following directions, and pursuing a personal interest.	X	X	X	X	X	X	X	X	X