

	Mission Patch	Choose Position	Moon Introduction	Propector Spacecraft
<b>GRADES K-4 STANDARDS</b>				
<b>UNIFYING CONCEPTS AND PROCESSES</b>				
Systems, order, and organization				
Evidence, models, and explanation			✓	✓
Change, constancy, and measurement				
Evolution and equilibrium				
Form and function	✓			
<b>SCIENCE AS INQUIRY</b>				
Abilities necessary to do scientific inquiry				
Understandings about scientific inquiry				
<b>PHYSICAL SCIENCE</b>				
Properties of objects and materials			✓	✓
Position and motion of objects	✓		✓	
Light, heat, electricity, and magnetism				✓
<b>LIFE SCIENCE</b>				
Characteristics of organisms				
Life cycles of organisms				
Organisms and environments				
<b>EARTH AND SPACE SCIENCE</b>				
Properties of earth materials				
Objects in the sky	✓		✓	
Changes in earth and sky				
<b>SCIENCE AND TECHNOLOGY</b>				
Abilities of technological design	✓	✓		✓
Understandings about science and technology	✓	✓		✓
Abilities to distinguish between natural objects and objects made by humans		✓		
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>				
Personal health				
Characteristics and changes in populations				
Types of resources				
Changes in environments				
Science and technology in local challenges				✓
<b>HISTORY AND NATURE OF SCIENCE</b>				
Science as a human endeavor				✓
<b>GRADES 5-8 STANDARDS</b>				
<b>UNIFYING CONCEPTS AND PROCESSES</b>				
Systems, order, and organization				
Evidence, models, and explanation				
Change, constancy, and measurement				
Evolution and equilibrium				
Form and function				
<b>SCIENCE AS INQUIRY</b>				
Abilities necessary to do scientific inquiry				
Understandings about scientific inquiry				
<b>PHYSICAL SCIENCE</b>				
Properties and changes of properties in matter				
Motion and forces				

	Mission Patch	Choose Position	Moon Introduction	Propector Spacecraft
Transfer of energy				
<b>LIFE SCIENCE</b>				
Structure and function in living systems				
Reproduction and heredity				
Regulation and behavior				
Populations and ecosystems				
Diversity and adaptations of organisms				
<b>EARTH AND SPACE SCIENCE</b>				
Structure of the earth system				
Earth's history				
Earth in the solar system				
<b>SCIENCE AND TECHNOLOGY</b>				
Abilities of technological design				
Understandings about science and technology				
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>				
Personal health				
Populations, resources, and environments				
Natural hazards				
Risks and benefits				
Science and technology in society				
<b>HISTORY AND NATURE OF SCIENCE</b>				
Science as a human endeavor				
Nature of science				
History of science				

	Rotation- Revolution	Moon Phases	Exploration History	Apollo Landings
<b>GRADES K-4 STANDARDS</b>				
<b>UNIFYING CONCEPTS AND PROCESSES</b>				
Systems, order, and organization	✓	✓		
Evidence, models, and explanation	✓	✓		
Change, constancy, and measurement				
Evolution and equilibrium				
Form and function				
<b>SCIENCE AS INQUIRY</b>				
Abilities necessary to do scientific inquiry				
Understandings about scientific inquiry				
<b>PHYSICAL SCIENCE</b>				
Properties of objects and materials	✓			
Position and motion of objects	✓	✓		
Light, heat, electricity, and magnetism		✓		
<b>LIFE SCIENCE</b>				
Characteristics of organisms				
Life cycles of organisms				
Organisms and environments				
<b>EARTH AND SPACE SCIENCE</b>				
Properties of earth materials				
Objects in the sky	✓	✓		
Changes in earth and sky	✓	✓		
<b>SCIENCE AND TECHNOLOGY</b>				
Abilities of technological design				
Understandings about science and technology				
Abilities to distinguish between natural objects and objects made by humans				
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>				
Personal health				
Characteristics and changes in populations				
Types of resources				
Changes in environments				
Science and technology in local challenges				
<b>HISTORY AND NATURE OF SCIENCE</b>				
Science as a human endeavor				
<b>GRADES 5-8 STANDARDS</b>				
<b>UNIFYING CONCEPTS AND PROCESSES</b>				
Systems, order, and organization				
Evidence, models, and explanation			✓	✓
Change, constancy, and measurement				
Evolution and equilibrium				
Form and function				
<b>SCIENCE AS INQUIRY</b>				
Abilities necessary to do scientific inquiry				
Understandings about scientific inquiry				
<b>PHYSICAL SCIENCE</b>				
Properties and changes of properties in matter				✓
Motion and forces				

	Rotation- Revolution	Moon Phases	Exploration History	Apollo Landings
Transfer of energy				
<b>LIFE SCIENCE</b>				
Structure and function in living systems				
Reproduction and heredity				
Regulation and behavior				
Populations and ecosystems				
Diversity and adaptations of organisms				
<b>EARTH AND SPACE SCIENCE</b>				
Structure of the earth system				
Earth's history				
Earth in the solar system				✓
<b>SCIENCE AND TECHNOLOGY</b>				
Abilities of technological design			✓	✓
Understandings about science and technology			✓	✓
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>				
Personal health				
Populations, resources, and environments				
Natural hazards				
Risks and benefits			✓	✓
Science and technology in society			✓	✓
<b>HISTORY AND NATURE OF SCIENCE</b>				
Science as a human endeavor			✓	✓
Nature of science			✓	✓
History of science			✓	✓

	Moon's History	Rocketry	Gravity	Impact Craters
<b>GRADES K-4 STANDARDS</b>				
<b>UNIFYING CONCEPTS AND PROCESSES</b>				
Systems, order, and organization				
Evidence, models, and explanation		✓		✓
Change, constancy, and measurement				✓
Evolution and equilibrium				
Form and function				
<b>SCIENCE AS INQUIRY</b>				
Abilities necessary to do scientific inquiry				✓
Understandings about scientific inquiry				✓
<b>PHYSICAL SCIENCE</b>				
Properties of objects and materials				✓
Position and motion of objects		✓		✓
Light, heat, electricity, and magnetism				
<b>LIFE SCIENCE</b>				
Characteristics of organisms				
Life cycles of organisms				
Organisms and environments				
<b>EARTH AND SPACE SCIENCE</b>				
Properties of earth materials				✓
Objects in the sky				
Changes in earth and sky		✓		
<b>SCIENCE AND TECHNOLOGY</b>				
Abilities of technological design		✓		
Understandings about science and technology				
Abilities to distinguish between natural objects and objects made by humans				
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>				
Personal health				
Characteristics and changes in populations				
Types of resources				
Changes in environments				✓
Science and technology in local challenges		✓		
<b>HISTORY AND NATURE OF SCIENCE</b>				
Science as a human endeavor		✓		
<b>GRADES 5-8 STANDARDS</b>				
<b>UNIFYING CONCEPTS AND PROCESSES</b>				
Systems, order, and organization				
Evidence, models, and explanation	✓		✓	
Change, constancy, and measurement				
Evolution and equilibrium				
Form and function				
<b>SCIENCE AS INQUIRY</b>				
Abilities necessary to do scientific inquiry				
Understandings about scientific inquiry				
<b>PHYSICAL SCIENCE</b>				
Properties and changes of properties in matter				
Motion and forces	✓		✓	

	Moon's History	Rocketry	Gravity	Impact Craters
Transfer of energy	✓		✓	
<b>LIFE SCIENCE</b>				
Structure and function in living systems				
Reproduction and heredity				
Regulation and behavior				
Populations and ecosystems				
Diversity and adaptations of organisms				
<b>EARTH AND SPACE SCIENCE</b>				
Structure of the earth system				
Earth's history	✓			
Earth in the solar system	✓		✓	
<b>SCIENCE AND TECHNOLOGY</b>				
Abilities of technological design				
Understandings about science and technology				
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>				
Personal health				
Populations, resources, and environments				
Natural hazards				
Risks and benefits				
Science and technology in society				
<b>HISTORY AND NATURE OF SCIENCE</b>				
Science as a human endeavor	✓			
Nature of science	✓		✓	
History of science	✓			

	Magnetism	EM Spectrum
<b>GRADES K-4 STANDARDS</b>		
<b>UNIFYING CONCEPTS AND PROCESSES</b>		
Systems, order, and organization		
Evidence, models, and explanation		
Change, constancy, and measurement		
Evolution and equilibrium		
Form and function		
<b>SCIENCE AS INQUIRY</b>		
Abilities necessary to do scientific inquiry		
Understandings about scientific inquiry		
<b>PHYSICAL SCIENCE</b>		
Properties of objects and materials		
Position and motion of objects		
Light, heat, electricity, and magnetism		
<b>LIFE SCIENCE</b>		
Characteristics of organisms		
Life cycles of organisms		
Organisms and environments		
<b>EARTH AND SPACE SCIENCE</b>		
Properties of earth materials		
Objects in the sky		
Changes in earth and sky		
<b>SCIENCE AND TECHNOLOGY</b>		
Abilities of technological design		
Understandings about science and technology		
Abilities to distinguish between natural objects and objects made by humans		
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>		
Personal health		
Characteristics and changes in populations		
Types of resources		
Changes in environments		
Science and technology in local challenges		
<b>HISTORY AND NATURE OF SCIENCE</b>		
Science as a human endeavor		
<b>GRADES 5-8 STANDARDS</b>		
<b>UNIFYING CONCEPTS AND PROCESSES</b>		
Systems, order, and organization		
Evidence, models, and explanation	✓	✓
Change, constancy, and measurement		
Evolution and equilibrium		
Form and function		
<b>SCIENCE AS INQUIRY</b>		
Abilities necessary to do scientific inquiry		
Understandings about scientific inquiry		
<b>PHYSICAL SCIENCE</b>		
Properties and changes of properties in matter		✓
Motion and forces	✓	

	Magnetism	EM Spectrum
Transfer of energy	✓	✓
<b>LIFE SCIENCE</b>		
Structure and function in living systems		
Reproduction and heredity		
Regulation and behavior		
Populations and ecosystems		
Diversity and adaptations of organisms		
<b>EARTH AND SPACE SCIENCE</b>		
Structure of the earth system		
Earth's history		
Earth in the solar system	✓	
<b>SCIENCE AND TECHNOLOGY</b>		
Abilities of technological design	✓	✓
Understandings about science and technology		
<b>SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES</b>		
Personal health		
Populations, resources, and environments		
Natural hazards		
Risks and benefits		
Science and technology in society		
<b>HISTORY AND NATURE OF SCIENCE</b>		
Science as a human endeavor		
Nature of science	✓	✓
History of science		