

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

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

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

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

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

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

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

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