

**AAAS Benchmarks
Elementary Grades**

	Modeling the Orbits of the Planets	A Classroom Solar System	Planetary Distances in the Playground	Jupiter's Relative Size	The Planets and Scale	Space Travel Guide	Charting the Progress of New Horizons	Looking For the Future	Where Are We Going?	Growing Up With A Mission
The Physical Setting										
<i>4A: The Universe</i>	X	X	X	X	X	X	X		X	
The Mathematical World										
<i>9A: Numbers</i>										X
<i>9B: Symbolic Relationships</i>										X
Common Themes										
<i>11D: Scale</i>				X			X			
Habits of Mind										
<i>12D: Communication Skills</i>						X				

**NCTM Math Standards
Elementary Grades**

	Modeling the Orbits of the Planets	A Classroom Solar System	Planetary Distances in the Playground	Jupiter's Relative Size	The Planets and Scale	Space Travel Guide	Charting the Progress of New Horizons	Looking For the Future	Where Are We Going?	Growing Up With A Mission
Numbers and Operations (N+O)			X	X	X		X		X	
Algebra (ALG)										
Geometry (GEO)	X									
Measurement (MEAS)				X			X			X
Data Analysis and Probability (DA+P)					X					X
Problem Solving (PS)							X		X	

**National Science Education Standards
Elementary Grades**

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Content Standard A: Science as Inquiry										
<i>Abilities Necessary to do Scientific Inquiry</i>	X									
Content Standard B: Physical Science										
<i>Properties of Objects and Materials</i>				X	X					X
<i>Position and Motion of Objects</i>					X					
Content Standard D: Earth + Space Science										
<i>Objects in the Sky</i>	X	X	X	X	X	X	X		X	
<i>Earth in the Solar System</i>		X	X							
<i>Properties of Earth Materials</i>					X	X				
Content Standard E: Science + Technology										
<i>Understandings about Science and Technology</i>				X						
<i>Abilities of Technological Design</i>							X	X		