

## The Moon: Applicable State Standards

<p><b>Lesson:</b> Lunar Geologists: Mining for Moon Rocks</p>	<p><b>Second Grade:</b></p> <ul style="list-style-type: none"> <li>plan and conduct an investigation to describe and classify various materials by their observable properties</li> </ul>
<p><b>Lesson:</b> Phases of the Moon</p>	<p><b>First Grade:</b></p> <ul style="list-style-type: none"> <li>use observations of the sun, moon, and stars to describe patterns that can be predicted</li> </ul> <p><b>Grades 6-8:</b></p> <ul style="list-style-type: none"> <li>develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons</li> </ul>
<p><b>Lesson:</b> Moon Cratering</p>	<p><b>Third Grade:</b></p> <ul style="list-style-type: none"> <li>observe and record qualitative and quantitative data about an object's motion to provide evidence that a pattern can be used to predict future motion</li> </ul> <p><b>Fifth Grade:</b></p> <ul style="list-style-type: none"> <li>support an argument that the gravitational force exerted by Earth on objects is directed toward the center of the Earth</li> </ul> <p><b>Grades 6-8:</b></p> <ul style="list-style-type: none"> <li>develop and use a model to describe the role of gravity in the motions within galaxies and the solar system</li> </ul>
<p><b>Lesson:</b> Astronauts in Training: Relay Race</p>	<p><b>Physical Education Standards:</b></p> <ul style="list-style-type: none"> <li>Demonstrate competency in a variety of motor skills and movement patterns.</li> <li>Apply knowledge of concepts, principles, strategies and tactics</li> </ul>

	related to movement and performance.
<p><b>Lesson:</b> Many Moons (from <i>Blackfeet Skies</i>)</p>	<p><b>First Grade:</b></p> <ul style="list-style-type: none"> <li>● use observations of the sun, moon, and stars to describe patterns that can be predicted</li> </ul> <p><b>Grades 6-8:</b></p> <ul style="list-style-type: none"> <li>● develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons</li> </ul> <p><b>IEFA:</b></p> <ul style="list-style-type: none"> <li>● Essential Understanding 3 (The ideologies of Native traditional beliefs and spirituality persist into modern day life as tribal cultures, traditions, and languages are still practiced by many American Indian people and are incorporated into how tribes govern and manage their affairs).</li> </ul>
<p><b>Lesson:</b> Moon Face (from <i>Blackfeet Skies</i>)</p>	<p><b>IEFA:</b></p> <ul style="list-style-type: none"> <li>● Essential Understanding 3 (The ideologies of Native traditional beliefs and spirituality persist into modern day life as tribal cultures, traditions, and languages are still practiced by many American Indian people and are incorporated into how tribes govern and manage their affairs).</li> </ul>
<p><b>Lesson:</b> Moon Trail (from <i>Blackfeet Skies</i>)</p>	<p><b>First Grade:</b></p> <ul style="list-style-type: none"> <li>● use observations of the sun, moon, and stars to describe patterns that can be predicted</li> </ul> <p><b>Grades 6-8:</b></p> <ul style="list-style-type: none"> <li>● develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons</li> </ul>

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