

Stellarium Part 1		Grade 6: Space	
Curriculum Connections	Topic	Earth and Space	
	Fundamental Concepts	Systems and Interactions	
<p><b>Description</b>            In this lesson students will learn more on how to use Stellarium Web in order to navigate the night sky at different locations, as well as find key celestial objects, like the Milky Way, the Orion Nebula, planets, and the southern constellations.</p>			
<p><b>Big Ideas</b>            Earth is a part of a large interrelated system</p>	<p><b>Overall Expectations</b></p> <ol style="list-style-type: none"> <li>investigate characteristics of the systems of which the earth is a part and the relationship between the earth, the sun and the moon;</li> <li>demonstrate an understanding of components of the system of which the earth is a part, and explain the phenomena that result from the movement of the different bodies in space</li> </ol>		
<p><b>Specific Expectations</b></p> <p><b>2.2</b> use technological problem-solving skills to design, build, and test devices for investigating the motions of different bodies in the solar system</p> <p><b>3.1</b> identify components of the solar system, including the sun, the earth, and other planets, natural satellites, comets, asteroids, and meteoroids, and describe their physical characteristics in qualitative terms</p> <p><b>3.5</b> describe the effects of relative positions and motions of the earth, moon, and sun</p>			