National Science Education Standards-Grades 9-12

	World Clocks	Calculati ng photoperi ods	Model Seasons	Follow the Sun	Shadow Sticks and the Sun	Your Global Address	From the Horse's Mouth	Thinl by Anal
Content Standards								
A: Science as Inquiry								
-abilities necessary to do scientific inquiry								
-understanding about scientific inquiry								
B: Physical Science								
-structure of atoms								
-structure and properties of matter								
-chemical reactions								
-motions and forces								
-conservation of energy and increase in disorder								
-interactions of energy and matter								
C: Life Science								
-the cell								
-molecular basis of heredity								
-biological evolution								
-interdependence of organisms								
-matter, energy, and organization in living systems								
-behavior of organisms								

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D: Earth and Space Science								<u> </u>
-energy in the Earth system								<u> </u>
-geochemical cycles								<u> </u>
-origin and evolution of the								
earth system								<u> </u>
-origin and evolution of the								
universe								
E: Science and Technology								
-abilities of technological								
design								
-understanding about science								
and technology								
F: Science in Personal and								
Social Perspectives								
-personal and community								
health								
-population growth								
-natural resources								
-environmental quality								
-natural and human induced								-
hazards								
-science and technology in								
local challenges								
local chancinges								
G: History and Nature of								
Science								
-science as a human endeavor							1	,
-nature of science							1	
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-historical perspectives								