

**Alignment of the Atmospheric Science Literacy Frameworks to the  
National Science Education Standards (NSES)  
GRADES 5-8**

<b>NSES Elements/ Key Atmospheric Science Concepts</b>	<b>Essential Principle 2 - Sun's energy drives processes</b>				
	FC 2.1	FC 2.2	FC 2.3	FC 2.4	FC 2.5
<b>UNIFYING CONCEPTS AND PROCESSES</b>					
Systems, Order and Organization		•		•	
Change, Constancy, and Measurement		•	•	•	•
<b>EARTH AND SPACE SCIENCE</b>					
Structure of the Earth System	•		•	•	•
Earth's History			•	•	
Earth in the Solar System	•		•	•	•
<b>LIFE SCIENCE</b>					
Populations and Ecosystems		•		•	
<b>PHYSICAL SCIENCE</b>					
Properties and Changes of Properties in Matter				•	
Motions and Forces			•		
Transfer of Energy	•	•	•	•	•