

**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 7 - Interconnected</b>				
	FC 7.1	FC 7.2	FC 7.3	FC 7.4	FC 7.5
<b>UNIFYING CONCEPTS AND PROCESSES</b>					
Systems, Order and Organization				•	
Evidence, Models, and Explanation				•	
Change, Constancy, and Measurement		•	•		
<b>EARTH AND SPACE SCIENCE</b>					
Structure of the Earth System		•			
Earth's History		•			
<b>LIFE SCIENCE</b>					
Populations and Ecosystems	•	•			
Diversity and Adaptations of Organisms			•		
<b>PHYSICAL SCIENCE</b>					
Transfer of Energy		•			
<b>HISTORY AND NATURE OF SCIENCE</b>					
Nature of Scientific Knowledge 5-12				•	
<b>PERSONAL AND SOCIAL PERSPECTIVES</b>					
Personal Health K-8				•	
Natural Hazards			•		•
Risks and Benefits			•	•	•
Science and Technology in Society			•		•
<b>SCIENCE AND TECHNOLOGY</b>					
Understanding About Science & Technology K-12		•		•	