

**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 5 - System Interactions</b>			
	FC 5.1	FC 5.2	FC 5.3	FC 5.4
<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	•	•		•
<b>LIFE SCIENCE</b>				
Populations and Ecosystems	•		•	
<b>PHYSICAL SCIENCE</b>				
Properties and Changes of Properties in Matter	•		•	
Transfer of Energy	•	•		
<b>PERSONAL AND SOCIAL PERSPECTIVES</b>				
Natural Hazards		•		•