

U.S. National Research Council - National Science Education Content Standards GRADES 5-8	ScienceSchoolHouse Discover! Science Library															
	THE FULL LIBRARY	Geology			Oceans-Climate			Weather			Astronomy			Life/Environment		Phys/Chem
		Dynamic Earth	Minerals, Rocks, and Resources	Carving the Earth	Earth's Oceans	Oceans in Motion	Earth's Water Cycle	Weather Fundamentals	Extreme Weather	Weather Forecasting/Climate Change	Astronomy and the Universe	The Inner Solar System	The Outer Solar System	Life Sciences	The Environment	Physical/Chemical
A: Science as Inquiry																
Abilities necessary to do scientific inquiry	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Understandings about scientific inquiry	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
B: Physical Science																
Properties and changes of properties in matter	•	•	•	•	•	•	•	•	•	•	•	•				•
Motions and forces	•	•	•	•	•	•	•	•	•	•	•	•				•
Transfer of energy	•	•	•	•	•	•	•	•	•	•	•	•		•		•
C: Life Science																
Structure and function in living systems	•												•			
Reproduction and heredity	•												•			
Regulation and behavior	•												•			
Populations and ecosystems	•	•				•	•						•			
Diversity and adaptations of organisms	•	•				•	•						•			
D: Earth and Space Science																
Structure of the earth system	•	•	•	•	•	•	•	•	•	•		•			•	
Earth's history	•	•	•	•	•	•	•	•	•			•			•	
Earth in the solar system	•	•			•	•	•	•	•		•					
E: Science and Technology																
Abilities of technological design	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Understandings about science and technology	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F: Personal and Social Perspectives																
Personal health	•	•			•		•		•	•			•			
Populations, resources, and environments	•	•	•				•		•	•			•		•	
Natural hazards	•	•	•	•				•	•	•		•		•		
Risks and benefits	•	•	•	•				•	•	•		•		•		
Science and technology in society	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
G: History and Nature of Science																
Science as a human endeavor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nature of science	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
History of science	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•