

# National Science Education Standards, Grades 5-8

	Rain Forest Ecology							Rain Forest Values & Challenges				Exploring Your World				Public Lands								
	Can it be Recal?	Charting Diversity	Forest Food Web	Planet of Plenty	Rain Reasons	Teeter-Totter	Tropical Forest Chain	Water Wonders	Web of Life	What's for Dinner?	I Depend on You	Tree of Life	Tropical Tree House	What If We Run Out?	Flipbook Succession	Forest Scavenger Hunt	Forests & Sunlight	Investigating Plants & Soil	Making Paper	Quadrat Sampling	What is a NF?	Forests for People	Forest Management Dilemmas	Who Works in this Forest?
<b>Unifying Concepts and Processes</b>																								
Systems, order, and organizations																								
Evidence, models, and explanation																								
Constancy, change, and measurement																	✓							
Evolution and equilibrium																								
Form and function																								
<b>Standard A: Science as Inquiry</b>																								
Abilities necessary to do scientific inquiry																	✓			✓				
Understandings about scientific inquiry																	✓			✓				
<b>Standard B: Physical Science</b>																								
Properties and changes of properties in matter								✓																
Motion and forces																								
Transfer of energy								✓																
<b>Standard C: Life Science</b>																								
Structure and function in living systems			✓	✓		✓			✓	✓	✓			✓	✓		✓	✓						
Reproduction and heredity	✓																	✓						
Regulation and behavior																								
Populations and ecosystems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓		✓	✓
Diversity and adaptations of organisms	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓		✓	✓		✓					

Continued...

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<b>Standard D: Earth and Space Science</b>																									
Structure of the earth system																									
Earth's history																									
Earth in the solar system																									
<b>Standard E: Science and Technology</b>																									
Abilities of technology design																									
Understandings about science & technology																									
																				✓				✓	
<b>Standard F: Science in Personal and Social Perspectives</b>																									
Personal health																									
Populations, resources, and environments	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓
Natural hazards																									
Risks and benefits																									
Science and technology in society																									
										✓									✓						
<b>Standard G: History &amp; Nature of Sciences</b>																									
Science as a human endeavor																									
Nature of science																									
History of science																									
																			✓						