



This correlation chart shows how *Ecology II* is aligned to the National Science Content Standards.

National Science Content Standards	Nomenclatures	Research/Reading	Experiments	Animal/Plant Adaptations	Biodiversity	Ecosystem	Genetics	Safety First	Measurement Activities
Grades 5-8									
8A Science as Inquiry									
(8ASI1) Abilities necessary to do scientific inquiry	✓	✓	✓	✓	✓	✓	✓		✓
(8ASI2) Understandings about scientific inquiry	✓	✓	✓	✓	✓	✓	✓		✓
8C Life Science									
(8CLS1) Structure and function in living systems	✓	✓	✓	✓	✓	✓			
(8CLS2) Reproduction and heredity	✓	✓	✓	✓	✓	✓	✓		
(8CLS3) Regulation and behavior	✓	✓	✓	✓	✓	✓			
(8CLS4) Populations and ecosystems	✓	✓	✓	✓	✓	✓			
(8CLS5) Diversity and adaptations of organisms	✓	✓	✓	✓	✓	✓			
8E Science and Technology									
(8EST1) Abilities of technological design	✓	✓	✓	✓	✓	✓	✓		✓
(8EST2) Understanding about science and technology	✓	✓	✓	✓	✓	✓	✓		✓
8F Science in Personal and Social Perspective									
(8FSPSP1) Personal health								✓	
(8FSPSP2) Population, resources, and environments	✓	✓	✓	✓	✓	✓			
(8FSPSP3) Natural hazards	✓	✓	✓	✓	✓	✓			
(8FSPSP4) Risks and benefits	✓	✓	✓	✓	✓	✓			
8G History and Nature of Science									
(8GHNS.1) Science as a human endeavor	✓	✓							
(8GHNS.2) Nature of science	✓	✓							
(8GHNS.3) History of science	✓	✓							
Grades 9-12									
12A Science as Inquiry									
(12ASI1) Abilities necessary to do scientific inquiry	✓	✓	✓	✓	✓	✓	✓		✓
(12ASI2) Understandings about scientific inquiry	✓	✓	✓	✓	✓	✓	✓		✓

	Nomenclatures	Research/Reading	Experiments	Animal/Plant Adaptations	Biodiversity	Ecosystem	Genetics	Safety First	Measurement Activities
12C Life Science									
(12CLS1) The cell			✓				✓		
(12CLS2) The molecular basis of heredity			✓				✓		
(12CLS3) Biological evolution	✓	✓	✓	✓	✓	✓	✓		
(12CLS4) The interdependence of organisms	✓	✓	✓	✓	✓	✓	✓		
(12CLS6) The behavior of organisms	✓	✓	✓	✓	✓	✓	✓		
12E Science and Technology									
(12EST1) Abilities of technological design	✓	✓	✓	✓	✓	✓	✓		✓
(12EST2) Understanding about science and technology	✓	✓	✓	✓	✓	✓	✓		✓
12F Science in Personal and Social Perspectives									
(12FSPSP1) Personal health								✓	
(12FSPSP2) Population growth	✓	✓	✓	✓	✓	✓			
(12FSPSP3) Natural resources	✓	✓	✓	✓	✓	✓			
(12FSPSP4) Environmental quality	✓	✓	✓	✓	✓	✓			
(12FSPSP5) Natural and human-induced hazards	✓	✓	✓	✓	✓	✓			
12G History and Nature of Science									
(12GHNS.1) Science as a human endeavor	✓	✓							
(12GHNS.2) Nature of science	✓	✓							
(12GHNS.3) History of science	✓	✓							