



This correlation chart shows how *Ecology 1* is aligned to the National Science Content Standards.

National Science Content Standards	Nomenclatures	Research/Reading	Biosphere	Ecosystem	Life / Food Web/Chains	Safety First	Measurement Activities
Grades K-4							
4A. Science as Inquiry (SI)							
(4SI1) Abilities necessary to do scientific inquiry	✓	✓	✓	✓	✓		✓
(4SI2) Understandings about scientific inquiry	✓	✓	✓	✓	✓		✓
4C. Life Science (LS)							
(4LS1) The characteristics of organisms	✓	✓	✓	✓	✓		
(4LS2) Life cycles of organisms	✓	✓	✓	✓	✓		
(4LS3) Organisms and their environments	✓	✓	✓	✓	✓		
4D. Earth and Space Science (ESS)							
(4ESS1) Properties of earth materials	✓	✓	✓	✓			
(4ESS2) Objects in the sky	✓	✓	✓	✓			
(4ESS3) Changes in the earth and sky	✓	✓	✓	✓			
4E Science and Technology (EST)							
(4EST1) Abilities of technological design	✓	✓	✓	✓	✓		✓
(4EST2) Understanding about science and technology	✓	✓	✓	✓	✓		✓
(4EST3) Abilities to distinguish between natural objects and objects made by humans	✓	✓	✓	✓	✓		
4F Science in Personal and Social Perspective (SPSP)							
(4FSPSP1) Personal health						✓	
4G History and Nature of Science							
(4GHNS.1) Science as a human endeavor		✓					
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			✓	✓	✓		
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National Science Content Standards	Nomenclatures	Research/Reading	Biomes	Earth	Life/ Food web/chains	Safety First	Measurement Activities
(8CLS4) Populations and ecosystems			✓	✓	✓		
(8CLS5) Diversity and adaptations of organisms			✓	✓	✓		
D. Earth and Space Science							
(8DESS1) Structure of the earth system			✓	✓			
(8DESS2) Earth's history			✓	✓			
(8DESS3) Earth in the solar system			✓	✓			
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						✓	
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	✓	✓	✓	✓	✓		✓
12C Life Science							
(12CLS3) Biological evolution			✓	✓	✓		
(12CLS4) The interdependence of organisms			✓	✓	✓		
(12CLS5) Matter, energy, and organization in living systems			✓	✓	✓		
12D Earth and Space Science							
(12DESS.1) Energy in the earth system			✓	✓			
12E Science and Technology							
(12EST1) Abilities of technological design							✓
(12EST2) Understanding about science and technology							✓
12G History and Nature of Science							
(12GHNS.1) Science as a human endeavor		✓					
(12GHNS.2) Nature of science	✓	✓					
(12GHNS.3) History of science	✓	✓					