

**The Academy of Natural Sciences Discovery Lessons**

**NJ Core Curriculum Content Standards**

**Discovery Lesson Topics  
Grades PreK-2**

- Animal Habitats
- Animal Senses
- Bugs to Butterflies
- Fur, Feathers, and Scales
- Meet the Dinosaurs
- Soil It's Alive

**Grades 3-6**

- Butterflies: From Delicate to Dazzling
- Ancient Adaptations
- Extreme Environments
- Geology Really Rocks
- Science Detectives
- Plants and Pigments

**Grades 7-9**

- Design your Own Experiment
- Keys, Trees, and Clades

**Grade 10-12**

- Seeing Eye to Eye

Scientific Process 5.1	Physical Science 5.2	Life Science 5.3				
All Strands	Strand C Forms of Energy	Strand A Organization and Development	Strand B Matter and Energy Transformations	Strand C Interdependence	Strand D Heredity and Reproduction	Strand E Evolution and Diversity
<b>Grades PreK-2</b>						
X		X	X	X		X
X		X	X	X		X
X		X	X	X	X	
X		X	X	X	X	X
X		X	X	X		
X		X	X	X		
<b>Grades 3-6</b>						
X		X	X	X	X	X
X		X	X	X		
X		X	X	X		X
X						
X				X		
X		X	X	X		
<b>Grades 7-9</b>						
X				X		
X		X	X	X	X	X
<b>Grade 10-12</b>						
X	X	X	X	X		

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<b>Earth Systems Science 5.4</b>			
Strand B History of the Earth	Strand C Properties of Earth Materials	Strand E Energy in Earth Systems	Strand G Biogeochemical Cycles

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			X
X			
	X		

**Grades 3-6**

- Butterflies: From Delicate to Dazzling
- Ancient Adaptations
- Extreme Environments
- Geology Really Rocks
- Science Detectives
- Plants and Pigments

X			
			X
X	X		
		X	

**Grades 7-9**

- Design your Own Experiment
- Keys, Trees, and Clades

X			

**Grade 10-12**

- Seeing Eye to Eye

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