PreK and K				
Standards				
Standard 3.1.a	Standard	Standard	Standard 3.3.a	Standard 4.1
Living and Non-	3.1.b	3.1.c	Earth and	Environment
living	Genetics	Evolution	Space Science	and Ecology
organisms				
	Living and Non-	StandardsStandard 3.1.aStandard 3.1.aLiving and Non3.1.blivingGenetics	StandardsStandard 3.1.aStandardStandard 3.1.aStandardLiving and Non3.1.b3.1.cStandardlivingGeneticsEvolution	StandardsStandard 3.1.aStandardStandardStandard3.3.aLiving and Non3.1.b3.1.cEarth andlivingGeneticsEvolutionSpace Science

## Lesson Topics Grades PreK-2

Grades Prek-2					
Animal Habitats	X			Х	Х
Animal Senses	Х				
Bugs to Butterflies	Х	Х			Х
Fur, Feathers, and Scales	Х			Х	
Meet the Dinosaurs	Х		Х		Х
SoilIt's Alive	X			Х	Х

	PA State Standards for Science and Technology and Engineering Education	Biological Sciences 3.1 A 3.1.B Genetics 3.1.C			Physical Sciences: Chemistry and Physics 3.2.A 3.2.B		Earth and Space Sciences 3.3.A Earth	Technology and Engineering Education 3.4
		Organisms and Cells		Evolution	Chemistry	Physics	Structures	
Lesson Topics Grades PreK-2								
Animal Habitats		Х		Х				
Animal Senses		X X		Х				
Bugs to Butterflies Fur, Feathers, and Scales		X X		Х				
Meet the Dinosaurs		X		X			X	
SoilIt's Alive		Х					Х	
Grades 3-6								
Butterflies: From Delicate to Dat	zzling	Х		Х				
Ancient Adaptations		X		X			Х	
Extreme Environments Geology Really Rocks		Х		Х			X	
Science Detectives		Х					~	
Plants and Pigments		Х			Х			
Grades 7-9								
Design your Own Experiment		Х						
Keys, Trees, and Clades		X	Х	Х				
-			•		•		•	
Grade 10-12		X				V		
Seeing Eye to Eye		Х		Х		Х		Х

	PA State Standards For Environment and Ecology	Ecology	Natural Resources	Agriculture and Society
Leesen Tenice		4.1	4.3	4.4
Lesson Topics Grades PreK-2				
Animal Habitats		Х		
Animal Nabitats Animal Senses		X		
Bugs to Butterflies		X		
Fur, Feathers, and Scales		X		
Meet the Dinosaurs		Х		
SoilIt's Alive		Х		Х
<b>Grades 3-6</b> Butterflies: From Delicate to Daz Ancient Adaptations Extreme Environments Geology Really Rocks Science Detectives Plants and Pigments	zzling	X X X X X X	X	X
Grades 7-9		X		
Design your Own Experiment Keys, Trees, and Clades		X X		
Reys, Hees, and Glades		^		
Grade 10-12				
Seeing Eye to Eye		Х		

	De State Standarde Fer Deading	Loorning to	Turnen of	Speaking and
	Pa State Standards For Reading,	Learning to	Types of	Speaking and
	Writing, Speaking and Listening	Read	Writing	Listening
		Independently		
		1.1	1.4	1.6
Lesson Topics				
Grades PreK-2				
Animal Habitats				Х
Animal Senses				Х
Bugs to Butterflies		Х		Х
Fur, Feathers, and Scales				Х
Meet the Dinosaurs				Х
SoilIt's Alive				Х
Grades 3-6				
Butterflies: From Delicate to Daz	zling			Х
Ancient Adaptations				Х
Extreme Environments				Х
Geology Really Rocks				Х
Science Detectives		Х	Х	Х
Plants and Pigments				Х
C C				
Grades 7-9				
Design your Own Experiment		Х	Х	Х
Keys, Trees, and Clades			х	х
_,_,				
Grade 10-12				
Seeing Eye to Eye				Х
				- •

	PA State Standards For Mathematics	Measurement and Estimation	Mathematical Reasoning	Mathematical Problem Solving	Statistics and Data Anaylsis	and Predictions
		2.3	2.4	2.5	2.6	2.7
Lesson Topics						
Grades PreK-2 Animal Habitats						
Animal Senses						
Bugs to Butterflies						
Fur, Feathers, and Scales						
Meet the Dinosaurs		Х				
SoilIt's Alive						
Grades 3-6						
Butterflies: From Delicate to Da Ancient Adaptations	azzing					
Extreme Environments						
Geology Really Rocks						
Science Detectives		Х		х		
Plants and Pigments						
Grades 7-9		V		V	V	
Design your Own Experiment		X	N/	X	x	V.
Keys, Trees, and Clades			Х	Х		Х
Grade 10-12						
Seeing Eye to Eye		x				