

Standards: Science

State - Ohio

Next Generation

Program Title (Grades Served)

Page # in guide

Pre K through Grade 12

Grades 9 through 12

Pre K through 12

Earth & Space Science	Physical Science	Life Science	Biology	Chemistry	Environmental Science	Physical Geology	Physical Science	Physics	Physical Science	Life Science	Earth & Space Science	Engineering Design
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Learning Labs at Union Terminal

Be a Rock Star (2-6)	9	3 4 6							2 5		2 4	
Bee the Pollinator (1-3)	9			K 1 2 3					5	K 2 3 4	K	
Cave Dwellers (1-5)	9	3 4		1 2 3 4 5						K 2 3 4	2 4	
Children around the World (K-3)	9											
Coming to America (3-8)	10											
Creature Feature (K-4)	10			K 1 2 3 4					5	K 2 3	K	
Dinosaur Discovery (1-5)	10			1 2 3 4 5						3	2 4	
Let's All Celebrate (PreK-K)	12											
Mind Your Money (1-3)	12											
Mind Your Money (4-8)	12											K 3
My Rainforest Adventure (PreK-K)	12			PK 1 2						K 2 3 4	K 3	
Native American Lifestyles (1-4)	12											
On the Trail with Lewis and Clark (4-8)	12											
This Little Dinosaur (PreK-K)	13			K						3	2 4	
Uncovering Egypt (4-8)	13											
What's the (State of) Matter? (1-5)	14	1 2	1 3 4						1 2 4 5		2	
Will it Float? (PreK-K)	14		K P						2			K 1 2

Assemblies - Outreach

Phenomenal Physics (4-12)	12		4 5 6 7 8					9-12	9-12		4 5 6 7 8	
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Distance Learning- Outreach

Recorded in the Rock (6-8)	12										6 7 8	
Science Methods and Special Effects (3-8)	12											3-5 6-8

Exploration Stations - Outreach

Animal Identification: The Science of Skulls (4-8)	9			5							4 6 7 8	
Bats (1-8)	9			1 2 3 4 5							1 2 3 4 5 6 7 8	
Chemistry in Your Hands (3-7)	9		3 4 6 7							5 6 7 8		
Digging for Dinosaurs (1-4)	10			1 2 4							1 2 3 4	2
Evolution of Diversity (3-8) (Adults)	10	8		4 8							3 4 6 7 8	4 6 7 8
Experimenting with Physical Science (3-6)	10		3 4 5 6							3 4 5 6		3-5
Exploring Nano Science (4-8)	11		6 7							5 6 7 8		5
Forces of Nature (1-4)	11	1 2 4										1 2 3 4
Forensics: The Science of Crime (5-8)	11			8							6-8	
Geology Rocks (3-7)	11	3 4 6								5		4 5 6 7
Impact of Inventions (2-6)	11										5	
Incredible Insects (1-5)	11			1 2 3 4 5							1 2 3 4	6
Lewis & Clark (3-8)	12											
Liberty on the Border (3-8)	12											
Lotions, Potions & Strange Notions (3-6)	12											
The Reasons for the Seasons (1-5)	13	1 5	1 2							5	1 2 3 4	1 5
The Underground Railroad (3-8)	13											
Thinking Green? (5-8)	13		5 6 7 8							5	6 7 8	5 6 7 8
Transportation Transformations (3-6)	13											4 6
Walking City (3-8)	14											6 7 8
When Two Worlds Met (3-6)	14											
Your Heart, Your Blood, Your Health (2-6)	14			6							4 6	

Programs on Wheels - Outreach

3...2...1... Blast off! (PreK-K)	9	K	K							K		K
A Cultural Experience (PreK-K)	9		K									
ABC: Arches, Bridges & Construction (5-8)	9		8									3-5

Standards: Science

continued

State - Ohio

Next Generation

Program Title (Grades Served)

Page # in guide

Pre K through Grade 8

Grades 9 through 12

Pre K through 12


Earth & Space Science	Physical Science	Life Science	Biology	Chemistry	Environmental Science	Physical Geology	Physical Science	Physics	Physical Science	Life Science	Earth & Space Science	Engineering Design
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Programs on Wheels - Outreach, continued

Animal Identification: The Science of Skulls (4-8)	9			5						4 6 7 8		
Archaeology of Ohio's Native American Peoples (3-8)	9						4					
Awesome Animal Adaptations (1-8)	9			1 2 3 4 5 7						1 2 3 4 6 7 8		
Bats (1-8)	9			1 2 3 4 5						1 2 3 4 6 7 8		
Birdwatcher (adults)	9											
Business Beginnings (3-6)	9											
Chemistry in Your Hands (3-7)	9		3 4 6 7						5 6 7 8			
Coming to America (3-8)	10											
Coral: A Colorful Community (PreK-3)	10	P	K	PK 1 2 3						K 1 2 3	K	
Digging for Dinosaurs (1-4)	10			1 2 4						1 2 3 4	2	
Dino Dig (PreK-K)	10		K	PK						K	K	
"Egg"-cellent Eggs (PreK-K)	10	P	K	PK						K	K	
Evolution of Diversity (3-8) (Adults)	10	8		4 8						3 4 6 7 8	4 6 7 8	
Experimenting with Physical Science (3-6)	10		3 4 5 6						3 4 5 6			3-5
Exploring Nano Science (4-8)	11		6 7						5 6 7 8		5	
Fantastic Flora (1-3)	11			1 2 3						1 2 3		
Fantastic Physics (7-12)	11		6 7 8		9-12		9-12	9-12	6-8 9-12			6-8
Forces of Nature (1-4)	11	1 2 4									1 2 3 4	
Forensics: The Science of Crime (5-8)	11			8						6-8		
From the Backyard to the Barnyard (PreK-K)	11	P		PK						K	K	
Geology Rocks (3-7)	11	3 4 6							5		4 5 6 7	
Engineer It! (1-4)	10		1 2 3 4						2 3 4			K-2 3-5
How Does Your Garden Grow? (PreK-K)	11	P	K	PK					K	K	K	
Impact of Inventions (2-6)	11									5		K-2
Incredible Insects (1-5)	11			1 2 3 4 5						1 2 3 4	6	
Interact with Chemistry (7-12)	11	6 7 8			9-12		9-12		6-8 9-12			
Jerusalem and the Dead Sea Scrolls (4-8)	12											
Lewis & Clark (3-8)	12											
Liberty on the Border (3-8)	12											
Lotions, Potions & Strange Notions (3-6)	12											
One World, Many Cultures (1-4)	12											
Our Five Senses (PreK-K)	12		PK	PK						K		
Snug as a Bug (PreK-K)	13	P	K	PK						K	K	
Stuffee, the Amazing Anatomy Doll (PreK-K)	13			PK						K		
Superheroes of STEMville (7-12)	13				9-12		9-12	9-12	6-8 9-12			6-8 9-12
Tall Tails (PreK-K)	13	P		PK	9-12					K	K	
The Best of Biology (7-12)	13			8						6-8 9-12		
The Reasons for the Seasons (1-5)	13	1 5	1 2						5	1 2 3 4	1 5	
The Underground Railroad (3-8)	13											
Thinking Green? (5-8)	13		5 6 7 8						5	6 7 8	5 6 7 8	3-5
Tour the Solar System (3-6)	13	5	3						5		5 6	
Transportation Transformations (3-6)	13										4 6	3-5
Uncovering Egypt (4-8)	13										2	
Walking City (3-8)	14										6 7 8	
When Two Worlds Met (3-6)	14											
Wild About Animals (PreK-K)	14	P		PK						K	K	
Wonders of Weather (PreK-K)	14	PK							K		K	
Your Heart, Your Blood, Your Health (2-6)	14			6						4 6		

Standards: Social Studies

Program Title (Grades Served)

Page # in guide	State - Ohio					National			
	Pre K through Grade 8				Grades 9 through 12	Pre K through 12			
	History	Geography	Government	Economics	American History	Economics	Geography	U.S. History	World History
Learning Labs  at Union Terminal									
Be a Rock Star (2-6)	9								
Bee the Pollinator (1-3)	9								
Cave Dwellers (1-5)	9								
Children around the World (K-3)	9	K 2	K 1 2 3				K-12		
Coming to America (3-8)	10	3 4	3 4 5	3 4	3 4 5		K-12	K-4	
Creature Feature (K-4)	10								
Dinosaur Discovery (1-5)	10								
Let's All Celebrate (PreK-K)	12	P K	P K				K-12		
Mind Your Money (1-3)	12			1 2	1 2 3		K-4		
Mind Your Money (4-8)	12	4	4 5 8		4 5 8		K-4 5-8	K-4 5-12	K-4
My Rainforest Adventure (PreK-K)	12			P			K-12		
Native American Lifestyles (1-4)	12	1 2 3 4	1 2 3 4	3	1 2 3		K-12	K-4	
On the Trail with Lewis and Clark (4-8)	12	5 6 7 8	4 5 8		5 8		K-4 5-8	K-12	K-4 5-12
This Little Dinosaur (PreK-K)	13								
Uncovering Egypt (4-8)	13	6 7	6 7	6 7	6				5-12
What's the (State of) Matter? (1-5)	14								
Will it Float? (PreK-K)	14								
Assemblies - Outreach									
Phenomenal Physics (4-12)	12								
Distance Learning - Outreach									
Recorded in the Rock (6-8)	12								
Science Methods and Special Effects (3-8)	12								
Exploration Stations - Outreach									
Animal Identification: The Science of Skulls (4-8)	9								
Bats (1-8)	9								
Chemistry in Your Hands (3-7)	9								
Digging for Dinosaurs (1-4)	10								
Evolution of Diversity (3-8) (Adults)	10						K-12		
Experimenting with Physical Science (3-6)	10								
Exploring Nano Science (4-8)	11								
Forces of Nature (1-4)	11								
Forensics: The Science of Crime (5-8)	11								
Geology Rocks (3-7)	11								
Impact of Inventions (2-6)	11	2 3 4	2 3 4 5 6	2	2 4 5 6		K-4 5-8	K-12	K-4
Incredible Insects (1-5)	11								
Lewis & Clark (3-8)	12	3 4 5 7 8	3 4 5 6 8	5 6 8	7 8		K-12	5-8	
Liberty on the Border (3-8)	12	3 4 8	3 4 5 6 8	3 4 5 6 8	7 8		5-8	K-4 5-8	K-4 5-8
Lotions, Potions & Strange Notions (3-6)	12	3 4	3 4 5 6					K-4	
The Reasons for the Seasons (1-5)	13								
The Underground Railroad (3-8)	13	3 4 5 7 8	3 4 5 6 8	3 4 8	5 6 7		K-12	K-4	
Thinking Green? (5-8)	13						K-12		
Transportation Transformations (3-6)	13	3 4	3 4 5 6		3 5 6	5 6	K-4	K-12	K-4 5-8
Walking City (3-8)	14	3 4 8	3 4 5 6 7 8					K-4	
When Two Worlds Met (3-6)	14	3 4 5	3 4 5 6	5 6	5 6		K-4	K-12	K-4 5-8
Your Heart, Your Blood, Your Health (2-6)	14								
Programs on Wheels - Outreach									
3...2...1... Blast off! (PreK-K)	9								
A Cultural Experience (PreK-K)	9	P K	P K				K-12		
ABC: Arches, Bridges & Construction (5-8)	9						K-12		

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continued

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Page # in guide

		State - Ohio					National			
		Pre K through Grade 8				Grades 9 through 12	Pre K through 12			
		History	Geography	Government	Economics	American History	Economics	Geography	U.S. History	World History
Programs on Wheels - Outreach, continued										
Animal Identification: The Science of Skulls (4-8)	9									
Archaeology of Ohio's Native American Peoples (3-8)	9	3 4 5 6	4 5 6					K-12		
Awesome Animal Adaptations (1-8)	9									
Bats (1-8)	9									
Birdwatcher (adults)	9									
Business Beginnings (3-6)	9	3 4	3 4 5 6	3	3 4 5 6		K-4 5-8	K-12	K-4 5-12	5-12
Chemistry in Your Hands (3-7)	9									
Coming to America (3-8)	10	3 4	3 4 5	3 4	3 4 5			K-12	K-4	
Coral: A Colorful Community (PreK-3)	10									
Digging for Dinosaurs (1-4)	10									
Dino Dig (PreK-K)	10									
"Egg"-cellent Eggs (PreK-K)	10									
Engineer It (1-4)	10									
Evolution of Diversity (3-8) (Adults)	10							K-12		
Experimenting with Physical Science (3-6)	10									
Exploring Nano Science (4-8)	11									
Fantastic Flora (1-3)	11									
Fantastic Physics (7-12)	11									
Forces of Nature (1-4)	11									
Forensics: The Science of Crime (5-8)	11									
From the Backyard to the Barnyard (PreK-K)	11									
Geology Rocks (3-7)	11									
How Does Your Garden Grow? (PreK-K)	11									
Impact of Inventions (2-6)	11	2 3 4	2 3 4 5 6	2	2 4 5 6		K-4 5-8	K-12	K-4	
Incredible Insects (1-5)	11									
Interact with Chemistry (7-12)	11									
Jerusalem and the Dead Sea Scrolls (4-8)	12	3 4 6	7					K-12		5-12
Lewis & Clark (3-8)	12	3 4 5 7 8	3 4 5 6 8	5 6 8	7 8			K-12	5-8	
Liberty on the Border (3-8)	12	3 4 8	3 4 5 6 8	3 4 5 6 8	7 8		5-8	K-4 5-8	K-4 5-8	
Lotions, Potions & Strange Notions (3-6)	12	3 4	3 4 5 6						K-4	
One World, Many Cultures (1-4)	12	1 3 4	1 2 3					K-12		
Our Five Senses (PreK-K)	12									
Snug as a Bug (PreK-K)	13									
Stuffee, the Amazing Anatomy Doll (PreK-K)	13									
Superheroes of STEMville (7-12)	13									
Tall Tails (PreK-K)	13									
The Best of Biology (7-12)	13									
The Reasons for the Seasons (1-5)	13									
The Underground Railroad (3-8)	13	3 4 5 7 8	3 4 5 6 8	3 4 8	5 6 7			K-12	K-4	
Thinking Green? (5-8)	13							K-12		
Tour the Solar System (3-6)	13									
Transportation Transformations (3-6)	13	3 4	3 4 5 6		3 5 6	5 6	K-4	K-12	K-4 5-8	
Uncovering Egypt (4-8)	13	6 7	6 7	6 7	6					5-12
Walking City (3-8)	14	3 4 8	3 4 5 6 7 8						K-4	
When Two Worlds Met (3-6)	14	3 4 5	3 4 5 6	5 6	5 6		K-4	K-12	K-4 5-8	
Wild About Animals (PreK-K)	14		K					K-12		
Wonders of Weather (PreK-K)	14									
Your Heart, Your Blood, Your Health (2-6)	14									