

Program Newsletter

Lutz Children's Museum
2024-25

The Lutz Children's Museum offers engaging science, fine arts, theater, and history education experiences to students across the state of Connecticut. We stay true to our founder, Hazel Lutz, and her vision by providing hands-on learning opportunities that prepare students for academic success. Our programs make learning a positive experience for students as they interact with natural history artifacts and meet live animals.

Tales from the Trails *Grades PK-5* What are animals up to in the wild? Students will embark on an indoor, simulated trail walk where they interact with replica animal tracks, fur, skulls, and scat that provide clues about different animal interactions. After the guided walk, students will mold their own animal track and then piece together their findings from the trail to build a story about each animal's daily activities.

Art of Pop-Up *Grades PK-5* What does the role of a paper engineer play in the construction of your favorite pop-up book? Students will explore the mechanics of creating a pop-up book while examining the works of several great paper engineers. We will provide the tools needed to construct their own simple pop-up book with guided instruction.

The Magic of Metamorphosis *Grades PK-2* Do all animals that undergo metamorphosis go through the same life cycle? Students will explore insect metamorphosis and the art of collage through the works of Eric Carle. During the lesson, they will be able to describe the life cycle of a butterfly. Students will also get the chance to meet one of the museum's animal ambassadors that has undergone metamorphosis. Lastly, under the guidance of our instructors, students will create their own Eric Carle inspired artwork.

Fur, Feathers, or Scales *Grades PK-5* Do mammals, birds, and reptiles share similar physical features, and how do we tell them apart? Our educators will travel to your classroom with three live animals, one from each group, along with biofacts from the museum's natural history collection. Younger students will demonstrate understanding of the different groups with a craft, while older students will play a team based game to demonstrate understanding.

Beginner Birding *Grades PK-5* Are your students young explorers who want to take flight into the exciting world of birds? In this hands-on program, children will step into the role of a birder, embarking on a journey to discover and identify birds through sight and sound. From colorful songbirds to majestic raptors, every moment is an opportunity to observe and learn about these fascinating creatures. Join us for a birding adventure like no other, where curious minds will soar and every chirp and flutter will bring students closer to understanding the magic of birds in our backyard and beyond!

Caves Rock! *Grades PK-5* What glows inside of a cave? Children shine in this immersive caving experience where they will encounter various fluorescent rocks and organisms. Students will put on their spelunking gear and construct explanations as to why these objects illuminate or give off their own light. Students will also learn the basics of rock and cave formation in addition to the importance of cave ecosystems. At the end of the program, students will meet a live animal and then create their own glowing craft.

Wildlife Illustration *Grades PK-5* How do animals adapt to their environment to help them grow, survive, and meet their needs? Children get the chance to use their observation skills as both scientists and artists to explore animal adaptations with biofacts from the museum's natural history collection and an animal ambassador. Younger students will create art through mosaics while older students will learn two types of drawing techniques to draw their own animals with fantastical adaptations.

Science at the Shore *Grades PK-5* Have you ever wondered what it's like to be a marine scientist for a day? Our immersive program invites children to dive into the wonders of ocean habitats, discovering the diverse marine life that inhabits each unique ecosystem. Through sensory experiences tailored to each habitat, students will engage their senses to understand the sights, sounds, textures, and smells of the ocean world. By the end of the program, students will gain a deeper appreciation of the role they can play in preserving our oceans for future generations.

Bugs! *Grades PK-2* What characteristics make a bug a bug? Students will learn about the vast diversity of arthropods through biofacts from the museum's natural history collection and a live animal encounter with the museum's very own insect ambassador. Students will work with our instructors to create their own imaginative bugs.



Lutz Children's Museum

247 South Main St., Manchester, CT 06040
860-643-0949 • www.lutzmuseum.org

Lutz Children's Museum Outreach Programming

Program/Grade Level/Core Learning Standard																																																
Program	Pre-K (CT-ELDS)			Grade Level	Physical Science (NGSS)				Life Science (NGSS)				Earth Science (NGSS)			Engineering (NGSS)	Math (CCSS)					Visual Arts (NCCAS)							Theatre (NCCAS)																			
	CA	M	S		PS1	PS2	PS3	PS4	LS1	LS2	LS3	LS4	ESS1	ESS2	ESS3	ETS1	CC	MD	G	NF	OA	VA:Cr 1	VA:Cr 2	VA:Re 7	VA:Re 8	VA:Re 9	VA:Crn 10	VA:Crn 11	TH:Cr 1	TH:Cr 2	TH:Cr 3	TH:Pr 4	TH:Pr 5	TH:Pr 6	TH:Re 7	TH:Re 8	TH:Re 9	TH:Crn 10	TH:Crn 11									
Bugs!	●	●	●	K-2	●			●	●			●		●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
The Magic of Metamorphosis	●	●	●	K-2	●				●	●	●				●		●	●		●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
Tales from the Trails	●	●	●	K-5	●					●	●	●	●			●	●	●		●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Fur, Feathers, or Scales	●	●	●	K-5	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Wildlife Illustration	●	●	●	K-5	●					●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Caves Rock!	●	●	●	K-5	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Art of Pop-Up	●	●	●	K-5	●	●						●	●				●	●	●	●	●	●	●	●	●	●	●	●																				
Science at the Shore	●	●	●	K-5	●	●			●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Beginner Birding	●	●	●	K-5	●		●		●	●	●	●	●			●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CT-ELDS: Connecticut Early Learning and Development Standards															<u>Legend</u>																																	
NGSS: Next Generation Science Standards															● Standard meets all Pre-K-5 grade levels																																	
CCSS: Connecticut Common Core State Standards															● Standard meets some Pre-K-5 grade levels																																	
NCCAS: National Core Arts Standards																																																
SHAPE America: Physical Education Standard 4 is met through all of our listed programs																																																

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Legend

- Standard meets all Pre-K-5 grade levels
- Standard meets some Pre-K-5 grade levels

Standard Key									
Pre-K		K-5 Physical Science		K-5 Life Science		K-5 Earth Science		K-5 Engineering	
CA	Creative Arts	PS1	Matter and Its Interactions	LS1	From Molecules to Organisms: Structures and Processes	ESS1	Earth's Place in the Universe	ETS1	Engineering Design
M	Math	PS2	Motion and Stability: Forces and Interactions	LS2	Ecosystems: Interactions, Energy, and Dynamics	ESS2	Earth's Systems		
S	Science	PS3	Energy	LS3	Heredity: Inheritance and Variation of Traits	ESS3	Earth and Human Activity		
		PS4	Waves and their Applications in Technologies for Information Transfer	LS4	Biological Evolution: Unity and Diversity				
K-5 Math		K-5 Visual Arts		K-5 Theatre			K-5 Physical Education		
CC	Counting and Cardinality	VA:Cr1	Generate and conceptualize artistic ideas and work	TH:Cr1	Generate and conceptualize artistic ideas and work	Standard 4	The physically literate individual exhibits responsible personal and social behavior that respects self and others		
MD	Measurement and Data	VA:Cr2	Organize and develop artistic ideas and work	TH:Cr2	Organize and develop artistic ideas and work				
G	Geometry	VA:Re7	Perceive and analyze artistic work	TH:Cr3	Refine and complete artistic work				
NF	Numbers and Operations - Fractions	VA:Re8	Interpret intent and meaning in artistic work	TH:Pr4	Select, analyze, and interpret artistic work for presentation				
OA	Operations and Algebraic Thinking	VA:Re9	Apply criteria to evaluate artistic work	TH:Pr5	Develop and refine artistic techniques and work for presentation				
		VA:Cn10	Synthesize and relate knowledge and personal experiences to make art	TH:Pr6	Convey meaning through the presentation of artistic work				
		VA:Cn11	Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding	TH:Re7	Perceive and analyze artistic work				
				TH:Re8	Interpret intent and meaning in artistic work				
				TH:Re9	Apply criteria to evaluate artistic work				
				TH:Cn10	Synthesize and relate knowledge and personal experiences to make art				
				TH:Cn11	Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding				



Key to Program Pricing

Program Options	September 2024 – August 2025 Pricing
45-Minute Outreach Program (One Animal if Applicable to Class)	\$215
60-Minute Outreach Program (One Animal if Applicable to Class)	\$290
Fur, Feathers or Scales Outreach Program (60 min + always 3 animals)	\$405
90-Minute Outreach Program (One Animal if Applicable to Class)	\$430
Additional Animal	\$30/each
Self-Guided Field Trip	\$10/person
Field Trip with 45-Minute Class	\$18/person (minimum 13 children)
Field Trip with 60-Minute Fur, Feathers or Scales Class	\$30/person (minimum 13 children)
Cancellation of Scheduled Class Fee	\$30
Last Minute Booking (Within 1 Week of Program Delivery Date) Fee	\$30
Mileage for Those Towns Nonadjacent to Manchester	\$0.67/mile

