

You can schedule the *Live Virtual Museum Programs* via Zoom or *Virtual Explorers Packs* with our Programming Assistant, Jennifer by email at jennifer@lakeshoremuseum.org. You can schedule our *Historic Sites Virtual Tours* via Zoom with the Historic Sites Program Manager, Erin at erin@lakeshoremuseum.org.

Museum Center Virtual Programs and Packs:

Muskegon County Schools: Free

Out-of-County Schools: \$30

Light and Sounds Live only

Grades: 1

Program Time: 30-45 minutes

How do light or sound travel across vast distances? In this virtual program, students will learn about light and sound waves and use products in home or in the class to experiment and understand how these waves work.

Whooo's In The Forest? Live only

Grades: K-2

Program Time: 20 minutes

This program, focusing on the owl, introduces students to local predators, adaptations, food chains/webs, habitats, and predator/prey concepts.

Animal Adaptations Live plus Virtual Explorers Pack

Grades: 3-5

Program Time: 30-45 minutes

Students will learn about the behavioral and physical adaptations that animals have to help them survive in their habitat. They will then use their knowledge to design their own animal and help it adapt to varying conditions.

STEAM Fossils Live plus Virtual Explorers Pack

Grades: 3-4

Program Time: 45 minutes

This live virtual tour of the museum's *Michigan: From the Depths of Time* exhibit will take students on a 400 million year journey into Michigan's past to see how plants' animals, and habitats have changed. Students will get to see recreations and fossils of things that called Michigan home and get a chance to ask questions of a museum expert. The conclusion will be a STEAM-based activity to create the ultimate creature of survival.

Dinosaurs Virtual Explorers Pack only

Grades: Pre-K

The Dinosaurs Virtual Explorers Pack includes: dinosaur videos, online resources, and interactive activities to help students learn more about dinosaurs while also practicing sorting skills.

Nature's Food Webs Virtual Explorers Pack only (Teachers Pick-up Owl Pellets at Museum)

Grades: 2-4

Time: Approximately 45 minutes

By studying the food web of an owl, students explore firsthand the complex interdependence between food and energy in living systems. Teachers will be able to pick up owl pellets for their classroom to dissect with digital information on owls, food webs, and instructions on how to dissect your owl pellets.

What's A Museum Virtual Explorers Pack only

Grades: PreK-4

This virtual program shows students the different parts of a museum. Students will learn about who works at a museum and see what a museum collection and exhibit are all about. Plus, students can explore a virtual gallery of items that are at the Lakeshore Museum Center.

Quilts Virtual Explorers Pack only

Grades: K-3rd

With this google-based exploration of quilts and quilt history, students will be able to learn the history of quilts, look at the role of repeating patterns and growing patterns in quilt making, color theory, as well as themes of community. We have also created two different literacy based quilt activities using the books; Cassie's Word Quilt, The Keeping Quilt, and Sewing Stories. This kit is available through a link provided by the museum and teachers may use it as a self explore for students or can assign each part separately. There are activities that can be done online as well as printed off and done in the classroom.

Muskegon "The Lumber Queen" Live plus Virtual Explorers Pack

Grades: 2-5

Program Time: 30 minutes

Discover the importance of lumbering in the development of Muskegon County. Students will see tools of the trade and learn how and who used them.

Michigan's First Economic Endeavor: the Fur Trade Live only

Grades: 3-5

Program Time: 30-45 minutes

Discover Michigan's first industry, the fur trade. Students will learn what items were traded, who traded them, and why. Explore what life as a fur trader was like by entering a replica Fur Trader's Cabin.

Michigan's First People Live only

Grades: 2-5

Program Time: 30 minutes

This program covers pre-contact Indian culture in Michigan. View artifacts, furs and a Woodland Indian wigwam

The First People of Michigan a Virtual Gallery

Grades: 3-5

Program Time: Varies

This virtual gallery offers the flexibility of being used as an independent self-exploration for students or a guided experience with teachers and assigned work. It consists of a landing page "gallery" with clickable objects, which take students to themed videos, audio, or interactive activity pages. It looks at Native American life in Michigan in the past and today. It also has some elements that discuss the Fur Trade and native relationships with Europeans. Topics covered include map analysis, archeology, housing, clothing, foodways, trade and more. ***This experience can stand-alone or be used in conjunction with the live programs "Michigan's First People" and/or "Michigan's First Economic Endeavour"***

Michigan's Pioneer Community Live only

Grades: K-3

Program Time: 30 minutes

What was it like to live in early Michigan? How did the pioneers arrive and survive in our state? Students will learn about everyday living and the chores of pioneer.

Our Community Yesterday and Today Live only

Grades 2-5

Program Time: 30 minutes

A historic virtual walking tour during which students will learn about the past and current uses and occupants of many of Muskegon's historic buildings. Learn about the Amazon Knitting Co., what life was like for the Spaniola family running a market on Western Avenue, and many more interesting facts about historic downtown Muskegon.

Historic Sites Virtual Tours:

Virtual Tour Experience H&H Tour

Muskegon County Schools: \$25

Out-of-County Schools: \$45

Description:

Join the Historic Sites team on a zoom virtual tour of the Hackley and Hume Historic Site!

This 45 minute tour allows students to continue their curriculum benchmarks about the early Muskegon community and/or lumbering catered for 2-4 grade students.

Virtual Tour Experience Fire Barn Museum Tour

Muskegon County Schools: \$15

Out-of-County Schools: \$25

Description:

Time travel to another era of fire fighting in Muskegon at the Fire Barn Museum. This 20 minute virtual zoom tour allows students to learn about firefighting technology through time and get a sneak peek of updates to the Fire Barn, and learn more about fire safety.

Virtual Tour Experience Scolnik House of the Depression Era Tour

Muskegon County Schools: \$15

Out-of-County Schools: \$25

Description:

On this 30 minute virtual zoom tour students will learn about the hardships that the people of Muskegon lived through during the Great Depression. Much like today, the depression era was an unprecedented time, but people learned to overcome by utilizing their resources such as bartering foods or goods, growing victory gardens, and using technology to stay in touch with what was happen in the world and among their families.