Lynn Meadows Discovery Center For Children

Educator's Exhibit Guide

Lynn Meadows Discovery Center (LMDC) provides children with the opportunity to learn and discover through play, and our exhibits offer the necessary hands-on experience needed to develop profound understanding. This guide highlights the Mississippi College – and Career – Readiness Standards as related to museum exhibits in STEM, ELA, and more!

Indoor Exhibits

Inside, 15,000 square feet of hands-on exhibits offer exciting play time, rain, or shine.

Super Colossal Climbing Structure

This exhibit simulates the sea with murals and suspended aquatic life. It also stimulates physical fitness, coordination and problem solving with multiple uneven surfaces and entry/exit opportunities.

Standards
L.K.3A Students will demonstrate an understanding of what animals and plants need to live and grow.
L.2.3A Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
MS Physical Education 2.2 Demonstrate understanding of movement principles, strategies, and tactics as they apply to the learning, development, and performance of physical activities. (Gross Motor, Fine Motor, Fitness)
MS Physical Education 5. Exhibit responsible personal and social behavior that respects self and others in physical activity settings.

Sun Earth Universe

The Sun, Earth, Universe exhibition is an engaging and interactive museum exhibition about Earth and space science for family audiences.

To learn more about all that this exhibit has to offer watch the *Sun Earth Universe Exhibition Walkthrough Video* and download the *Sun Earth Universe K-12 Teacher Field Trip Guide*.

Standards
E.K.8A Students will demonstrate an understanding of the pattern of seasonal changes on the Earth.
E.K.8B Students will demonstrate an understanding that the Sun provides the Earth with heat and light.
E.1.9A Students will demonstrate an understanding of the patterns of weather by describing, recording, and analyzing weather data to answer questions about daily and seasonal weather patterns.
E.2.8 Students will demonstrate an understanding of the appearance, movements, and patterns of the sun, moon, and stars.
K.G.3 Recognize representations of the Earth.
K.H.2 Describe the impact of significant historical figures and events.
SL.2.2 Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.

Art Knows Anything Goes

Each week a new lesson and art project is presented. Lessons may cover 3D and 2D construction, color theory, mixtures, and art elements which often overlap scientific, mathematic, and literary principles.

Standards
K.G.5 Model objects in the world by drawing two-dimensional shapes and building three dimensional shapes.
RL.1.4 Identify words and phrases in stories or poems that suggest feelings or appeal to the senses.
RL.1.7 Use illustrations and details in a story to describe its characters, setting, or events.
SL.K.3 Ask and answer questions in order to seek help, get information, or clarify something that is not understood.
VA: Cr1.1.PK Generate and conceptualize artistic ideas and work.
VA: Cr2.1.PK Organize and develop artistic ideas and work.
VA: Cr3.1.PK Refine and complete artistic work.
VA: Cn11.1.PK Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.

WLMDC TV

At WLMDC, children become directors of their own TV show. This area has recently been renovated to have a green screen with more current technology. It includes a Game Show, Talk Show and Weather Station.

Standards
E.K.8B Students will demonstrate an understanding that the Sun provides the Earth with heat and light.
E.1.9A Students will demonstrate an understanding of the patterns of weather by describing, recording, and analyzing weather data to answer questions about daily and seasonal weather patterns.

L.2.3A Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
1.MD.3a Tell and write time in hours and half-hours using analog and digital clocks.
SL.K.6 Speak audibly and express thoughts, feelings, and ideas clearly.

Pet Vet

The pet vet has exam tables, stethoscopes, x-rays, scale, lab coats, grooming station, and kennels.

Standards
L.K.1B Students will demonstrate an understanding of how animals (including humans) use their physical features and their senses to learn about their environment.
L.K.2 Students will demonstrate an understanding of how living things change in form as they go through the general stages of a life cycle.
L.K.3A Students will demonstrate an understanding of what animals and plants need to live and grow.
L.K.3B Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
L.1.2 Students will demonstrate an understanding of how living things change in form as they go through the general stages of a life cycle.
L.2.1 Students will demonstrate an understanding of the classification of animals based on physical characteristics.
L.2.2 Students will demonstrate an understanding of how living things change in form as they go through the general stages of a life cycle.
L.2.3A Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
L.2.3B Students will demonstrate an understanding of the interdependence of living things.
L.2.4 Students will demonstrate an understanding of the ways animals adapt to their environment to survive.
K.MD.1 Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.

Dolan Avenue Depot

All aboard the Dolan Avenue Express. Costumes and props take kids back to a time when trains were a popular form of transportation.

Standards
P.2.6 Students will demonstrate an understanding of how the motion of objects is affected by pushes, pulls, and friction on an object.
E.2.10.3 Use informational text and other media to summarize and communicate how Earth materials are used
K.CI.1 Demonstrate how to be a productive citizen.

The Port

Drag the Gulf for shrimp and operate and load cargo with a crane. The port teaches children about life on the Mississippi Gulf Coast.

Standards
L.K.1B Students will demonstrate an understanding of how animals (including humans) use their physical features and their senses to learn about their environment.
L.2.1 Students will demonstrate an understanding of the classification of animals based on physical characteristics.
K.CI.1 Demonstrate how to be a productive citizen.
K.E.2 Distinguish goods from services.

A Matter of Science

This exhibit makes science exciting! Mass, motion, sight, sound, and safety are some of the topics explored through interactive activities. A Matter of Science will challenge and motivate kids to learn more about the world around them.

Standards
P.2.6 Students will demonstrate an understanding of how the motion of objects is affected by pushes, pulls, and friction on an object.
E.1.9A Students will demonstrate an understanding of the patterns of weather by describing, recording, and analyzing weather data to answer questions about daily and seasonal weather patterns.
P.1.6A Students will demonstrate an understanding that light is required to make objects visible.
P.K.5B Students will demonstrate an understanding of how solid objects can be constructed from a smaller set.
P.K.5B.1 Use basic shapes and spatial reasoning to model large objects in the environment using a set of small objects (e.g., blocks, construction sets).
L.K.1B Students will demonstrate an understanding of how animals (including humans) use their physical features and their senses to learn about their environment.
P.1.6B Students will demonstrate an understanding of sound.
K.G.2 Correctly name shapes regardless of their orientations or overall size.
MS Physical Education 2.2 Demonstrate understanding of movement principles, strategies, and tactics as they apply to the learning, development, and performance of physical activities. (Gross Motor, Fine Motor, Fitness)

History Hotel

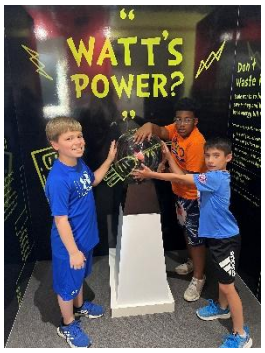
Kids hold the key to having fun and learning about history at this 1890's Mississippi City hotel.

Standards
L.K.1B Students will demonstrate an understanding of how animals (including humans) use their physical features and their senses to learn about their environment.

2.H.2 Examine the relationship between history and time.
1.H.2 Analyze various aspects of historic and modern life in the United States.

Louie's Lab

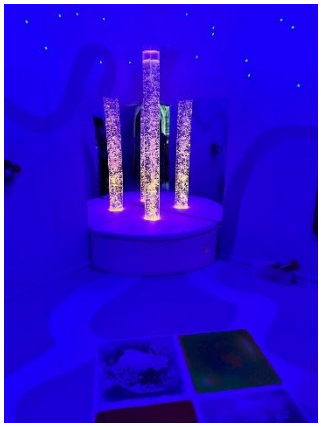
Louie's Lab sponsored by Mississippi Power Foundation is designed to teach students and visitors about energy, energy safety, and how to save energy!



Standards
P.K.5B Students will demonstrate an understanding of how solid objects can be constructed from a smaller set.
E.1.10 Students will demonstrate an understanding of human dependence on clean and renewable water resources.
L.2.3A Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
IC.1A.1 Compare how people live and work before and after the implementation or adoption of new computing technology.

Sensory Space

Designed to be a space of calm engagement, Sensory Space offers a journey into the imagination.



Standards
SEL 1A. Identify emotions and related feelings in oneself.
SEL 2A. Develop skills necessary to control impulses and appropriately manage thoughts, stress, emotions, and behaviors in school, home, and community life.
RL.1.4 Identify words and phrases in stories or poems that suggest feelings or appeal to the senses.

To Market, To Market

Kids will have fun filling their carts with fruit, bread, seafood, and everything on their list at this real Mississippi grocery store. Or, they can play cashier and add up the items.

Standards
L.K.3A Students will demonstrate an understanding of what animals and plants need to live and grow.
L.K.3B Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
L.2.3B Students will demonstrate an understanding of the interdependence of living things.
1.E.2 Determine how people meet their basic needs.
K.E.2 Distinguish goods from services.
K.E.1 Analyze how money is earned and used.
K.MD.3 Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.
1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many are in one category than in another.
2.MD.8a Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately.
SL.K.1 Participate in collaborative conversations with diverse partners about kindergarten topics and texts with peers and adults in small and larger groups.

Outdoor Exhibits

Outside, oak-covered acres provide more space to let their imaginations run wild.

Kids Street

This real-life subdivision in kid-sized proportions offers big fun. The homes are constructed to give kids a glimpse at what goes into building.

Standards
L.K.3B Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
K.G.2 Investigate the physical features of the environment.

Treehouse Village

Tree House Village was created for habitation and imagination! Our towering live oaks spread their branches and welcome kids of all ages to come and play. So come have fun and discover a new appreciation for nature.

Standards
L.K.3B Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
K.G.2 Investigate the physical features of the environment.
MS Physical Education 2.2 Demonstrate understanding of movement principles, strategies, and tactics as they apply to the learning, development, and performance of physical activities. (Gross Motor, Fine Motor, Fitness)

Chimney Swift

Become an amateur ornithologist when you check out the Chimney Swifts and view their nests inside and out. If visiting between March – October, you might even catch a glimpse of them nesting with their babies!

Standards
L.K.3A Students will demonstrate an understanding of what animals and plants need to live and grow.
L.2.3A Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.

On the Green

Discover our barrier islands and local birds at the Ship Island Lookout. Paint with water on a canvas of natural slate. Tap a tune on instruments planted in the ground. Check the wind and other weather at the Weather Station. Enjoy the fresh air and outdoor fun!

Standards
E.K.8B Students will demonstrate an understanding that the Sun provides the Earth with heat and light.
E.1.9A Students will demonstrate an understanding of the patterns of weather by describing, recording, and analyzing weather data to answer questions about daily and seasonal weather patterns.
L.2.3A Students will demonstrate an understanding of the interdependence of living things and the environment in which they live.
L.K.1B Students will demonstrate an understanding of how animals (including humans) use their physical features and their senses to learn about their environment.
P.1.6B Students will demonstrate an understanding of sound.
P.1.6A Students will demonstrate an understanding that light is required to make objects visible.

Bubbles

This exhibit allows students to experiment with surface tension and have fun at the same time.

Standards
K.MD.1 Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.
P.K.5A.2 Describe and compare the properties of different materials and classify these materials by their observable characteristics and by their physical properties.

H2Oh! On the Porch

Kids will love to splash and play as they discover the physical properties of water as it moves and works.

Standards
P.K.5A.2 Describe and compare the properties of different materials and classify these materials by their observable characteristics and by their physical properties.
P.2.5.3 Compare the weight of solid objects and the volume of liquid objects. Analyze and communicate findings.
K.MD.1 Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.

Outreach Exhibits

For an additional fee, LMDC will bring the excitement of learning through play to your school or set up these exhibits for your students to experience during a museum field trip.

Imagination Playground

Mobile large blue foam block-based play system that stimulates children's minds and bodies through active, creative play for construction. The little kid's area, Bear Camp Bayou, has a small version.

Standards
P.K.5B Students will demonstrate an understanding of how solid objects can be constructed from a smaller set.
P.2.6 Students will demonstrate an understanding of how the motion of objects is affected by pushes, pulls, and friction on an object.
1.CR.1 Evaluate the role of cooperation and compromise within and across various groups.

Stuffee

Health ambassador, from The Children's Museum of Pittsburgh. Stuffee teaches children the function of the human body, the importance of eating healthily and fitness, medical questions, and organ and tissue donation. Stuffee is a 7' foot tall "doll" with a giant zipper down the front that when unzipped, children can view and hold his internal organs: colorful soft reproductions of the hearts, lungs, intestines, etc.

Standards
L.K.1B Students will demonstrate an understanding of how animals (including humans) use their physical features and their senses to learn about their environment.
Contemporary Health Competency 1: Comprehend concepts related to health promotion and disease prevention to enhance health. (D, PH, N, H) NHES 1

Rigamajig

Rigamajig is a new large-scale building kit designed by Cas Holman for hands-on free play and playful STE(A)M learning. This collection of wooden planks, wheels, pulleys, nuts, bolts, and rope allows children to follow their curiosity through play while learning 21st century skills. There are no right or wrong answers; the act of playing and building is the goal, not the finished product.

Standards
P.K.5B Students will demonstrate an understanding of how solid objects can be constructed from a smaller set.
P.2.6 Students will demonstrate an understanding of how the motion of objects is affected by pushes, pulls, and friction on an object.
P.3.6 Students will demonstrate an understanding of magnets and the effects of pushes, pulls, and friction on the motion of objects.