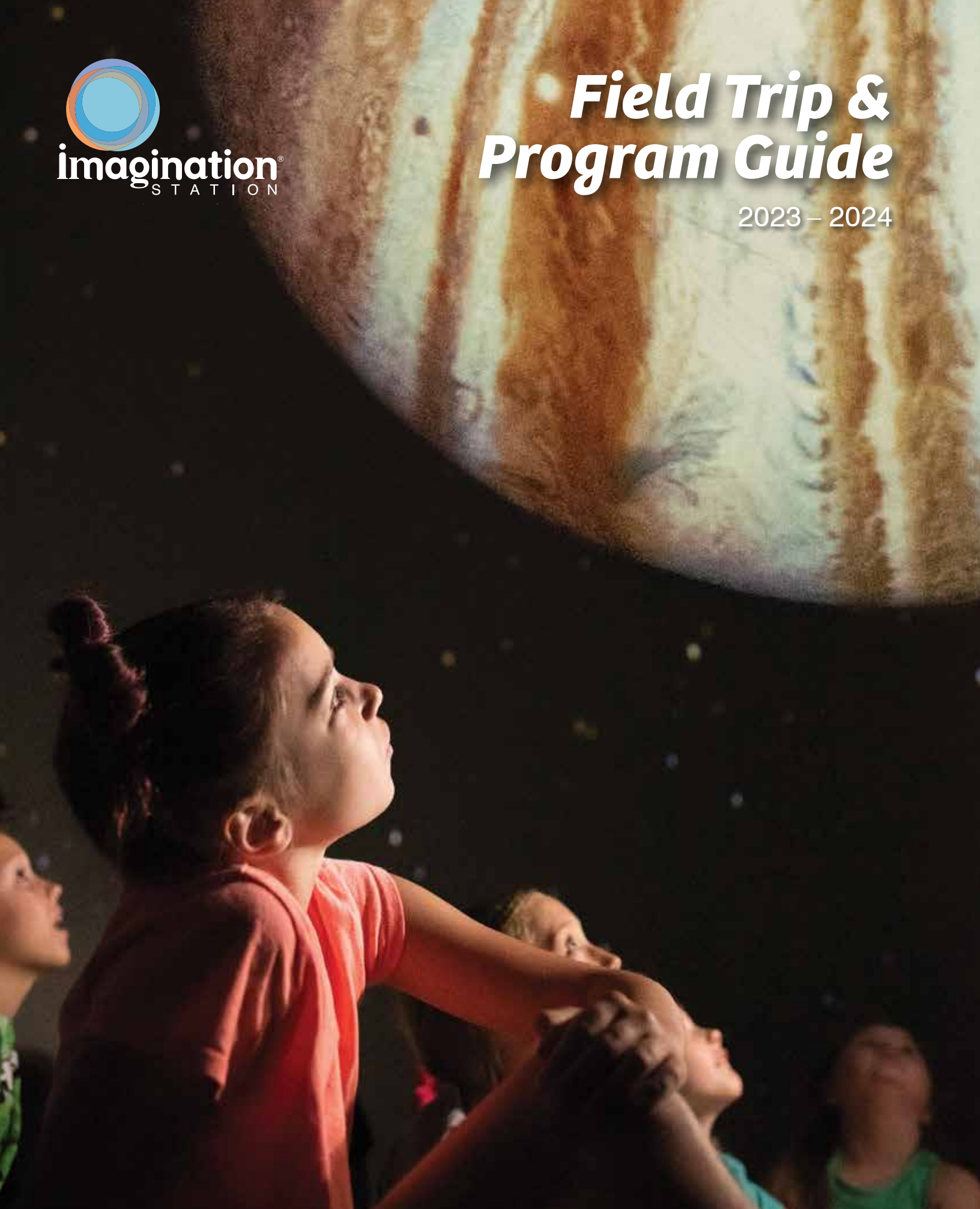




Field Trip & Program Guide

2023 – 2024





1 Discovery Way
 Toledo, Ohio 43604
 41° 39'N 83° 32'W
 419-244-2674
imaginationstationtoledo.org

Hours:
 Monday: Closed*
 Tuesday – Saturday: 10am – 5pm
 Sunday: Noon – 5pm
 *Visit us online for exceptions.

All curriculum is aligned to Ohio's Learning Standards. Find more information and resources in the Educators section of the Programs & Events menu online at imaginationstationtoledo.org.

Program Offerings by Grade Level		Pre K- K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
STARLAB®	The Many Stars in the Sky NEW	●	●	●	●	●	●	●	●	●				
	Our Solar System NEW	●	●	●	●	●	●	●	●	●				
	Sun, Earth and Lunar Patterns NEW	●	●	●	●	●	●	●	●	●				
	Maker Club: Electronics NEW					●	●	●	●	●	●	●	●	●
	Maker Club: Engineering NEW					●	●	●	●	●	●	●	●	●
	Maker Club: Fabrication NEW						●	●	●	●	●	●	●	●
	Maker Club: Robotics & Coding NEW						●	●	●	●	●	●	●	●
	Tinkering Takeover NEW				●	●	●	●	●	●	●	●	●	●
Tinkering Programs	Chemistry				●	●	●	●	●	●				
	Cow Eye Dissection							●	●	●				
	Engineering Together			●	●	●	●	●	●	●				
	Exciting Energy		●	●	●	●								
	Fossils Rock	●	●	●	●	●	●							
	Marble Machines		●	●	●	●	●	●	●	●	●	●	●	●
	Owl Pellet Dissection	●	●	●	●	●	●	●	●	●				
	Protecting Our Waterways NEW	●	●	●	●									
	Solar Eclipse Science NEW		●	●	●	●	●	●	●	●				
	Workshops on Wheels	Earth and Space Science	●	●	●	●	●	●	●	●	●	●	●	
Forces and Motion		●	●	●	●	●	●	●	●	●	●	●		
Structures		●	●	●	●	●	●	●	●	●	●	●		
Combustion					●	●	●	●	●	●	●	●		
Matter Mayhem			●	●	●	●	●	●	●	●	●			
Method to the Madness		●	●	●	●	●	●	●	●	●				
Motion Mania			●	●	●	●	●	●	●	●	●	●		
Sounds of Science			●	●	●	●	●	●	●	●	●	●		
Extreme Science Demonstration		●	●	●	●	●	●	●	●	●	●	●	●	●
Chemistry					●	●	●	●	●	●				
Science Festivals	Cow Eye Dissection							●	●	●				
	Engineering Together			●	●	●	●	●	●	●				
	Exciting Energy		●	●	●	●								
	Fossils Rock	●	●	●	●	●	●							
	Marble Machines		●	●	●	●	●	●	●	●	●	●	●	●
	Owl Pellet Dissection	●	●	●	●	●	●	●	●	●				
	Protecting Our Waterways NEW	●	●	●	●									
	Solar Eclipse Science NEW		●	●	●	●	●	●	●	●				
Demonstrations	Earth and Space Science	●	●	●	●	●	●	●	●	●	●	●		
	Forces and Motion	●	●	●	●	●	●	●	●	●	●	●		
	Structures	●	●	●	●	●	●	●	●	●	●	●		
	Combustion				●	●	●	●	●	●	●	●		
	Matter Mayhem		●	●	●	●	●	●	●	●	●			
	Method to the Madness	●	●	●	●	●	●	●	●	●				
	Motion Mania		●	●	●	●	●	●	●	●	●	●		
	Sounds of Science		●	●	●	●	●	●	●	●	●	●		
	Extreme Science Demonstration	●	●	●	●	●	●	●	●	●	●	●	●	●
	Chemistry				●	●	●	●	●	●				
Think Tank Workshops	Cow Eye Dissection							●	●	●				
	Engineering Together			●	●	●	●	●	●	●				
	Exciting Energy		●	●	●	●								
	Fossils Rock	●	●	●	●	●	●							
	Marble Machines		●	●	●	●	●	●	●	●	●	●	●	●
	Owl Pellet Dissection	●	●	●	●	●	●	●	●	●				
	Protecting Our Waterways NEW	●	●	●	●									
	Solar Eclipse Science NEW		●	●	●	●	●	●	●	●				

● Solar Eclipse Programming

The 2023 - 2024 school year is particularly exciting because much of Ohio is in the path of totality for a total solar eclipse on April 8, 2024.

While the eclipse itself lasts mere minutes, the learning opportunities and impact on your students can last a lifetime. Imagination Station wants to ensure that all students and educators are prepared for the eclipse to capitalize on this learning experience. We have professional development, programming and resources to help support you. The information is included in this guide, so be sure to check it out!

Dear Educator,

As we embark on a new school year, I want to express my heartfelt appreciation for your dedication and passion in shaping the lives of students. Your role as an educator extends far beyond academic instruction, you also foster a supportive and inclusive environment for students. One thing the pandemic highlighted is how critical the classroom community is for so many students.

In acknowledgment of this, Imagination Station is focused on helping to support educators to create positive, nurturing classroom environments. One critical way to address this is by incorporating social-emotional learning (SEL) practices into our curriculum. We will help students develop vital skills such as self-awareness, self-management, empathy and responsible decision-making. By intentionally integrating SEL activities and discussions into our lessons, we can equip our students with the tools they need to navigate challenges, resolve conflicts and develop healthy relationships. Let's strive to create a safe space where they feel comfortable expressing their emotions and learn to value the diverse perspectives of their peers.

As we embark on this new school year, we remain committed to creating a nurturing and inclusive environment that supports the social and emotional well-being of our students, in addition to fostering STEAM learning. Together, we can empower students to become resilient, compassionate and confident individuals. Thank you for all you do on behalf of students; my team and I look forward to working with you this school year.

STEAM On!

Sloan Eberly Mann
 Director of Educational Advancement

Lori Hauser
 Chief Executive Officer



Solar Eclipse Programming



Solar Eclipse Science Workshop Grades K-8

This workshop will provide students with an in-depth understanding of the ways the Sun, Earth, and Moon interact. From the phases of the Moon to total solar eclipses, your amateur astronomers will discover how these interactions can be seen both daily and through once-in-a-lifetime experiences. It will build excitement and create a learning opportunity for this fascinating event.

The workshop provides:

- Teacher curriculum guide
- Extension activities
- Hands-on materials for 30 students
- Content standards alignment for Ohio and Michigan

Cost:

\$400 for two of the same workshop, or \$225 for an individual workshop, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.

Earth and Space Science Festival Grades Pre-K-10

Students will have an out-of-this-world experience as they explore the solar system and beyond. They will discover how stars are born, learn facts about the objects in our solar system, model the Moon's phases and explore how objects orbit each other. Then they come back down to Earth to experiment with erosion, observe and classify rocks and so much more. They are sure to have a blast!

The festival provides:

- Materials for 12 interactive science activities
- Teacher curriculum guide, including printable data recording pages
- Content standards alignment for Ohio and Michigan
- Data recording pages for each student
- "What I Did Today" take-home sheets
- Extension activities
- In-school marketing materials and support
- Volunteer recruitment letter
- Trained educators who provide support throughout the event
- 30-minute training for teachers and adult volunteers prior to the start of the event

Your school provides:

- 15 committed adult volunteers to actively facilitate activities
- A large, open room, such as a cafeteria or gymnasium
- 12 tables
- 2 garbage bins
- Recycling bin

Cost:

\$1,200 for groups of up to 300 participants, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.

STARLAB®

Our new STARLAB®, with specialized programming, ensures you are ready for the total eclipse on April 8, 2024. Students will learn the celestial science behind the eclipse, without leaving school. They'll go home prepared to educate their family about one of the most awe-inspiring natural phenomenon in the universe.

Sun, Earth and Lunar Patterns Grades Pre-K-8

Investigate how the relationships between the Sun, Earth and Moon cause the moon phases and solar eclipses. Students will marvel at how once in a lifetime events, like the total solar eclipse on April 8, 2024, are part of predictable patterns.

The Many Stars in the Sky Grades Pre-K-8

Explore how the star at the center of our solar system, the Sun, creates night and day. Then wonder at the other stars in our universe, along with some famous constellations and the myths they are based upon.

Our Solar System Grades Pre-K-8

Discover the objects in our solar system and their motion. Then get a close up view of all of the planets!

Your school provides:

- A room large enough to accommodate the STARLAB®, which is 16 ft. in diameter and 11 ft. in height. (A gymnasium works best.)
- One adult to be present with the facilitator at all times in the STARLAB.®

Cost:

\$350 for 45 minutes of programming, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note:

Reservations should be made at least two weeks prior to a scheduled program.





Tinkering Takeover

Sign up for a Tinkering Takeover program, where we bring the power of STEAM directly to you! Our team of experts will transform your space into a hub of creativity, innovation and hands-on learning. Get ready to explore, tinker and make like never before.

Grades 1-8

With six exciting activities, your students will have the opportunity to experience the latest in electronics, fabrication, coding and robotics. Each of these activities is designed to teach critical skills for the future and provide a taste of what it's like to work in the STEAM fields.

Students will work with state-of-the-art technology like laser cutters and 3D printers and be empowered to unleash their inner inventor as they create, build and experiment.

We provide:

- Materials for six immersive hands-on activities
- Content standards alignment for Ohio and Michigan
- Alignment to Ohio SEL Standards
- "What I Did Today" take-home sheet
- Volunteer recruitment letter
- Trained educators to provide support throughout the event
- Free admission pass to Imagination Station for every student with adult purchase
- Direct career connection to each science experience

You provide:

- 8 volunteers to actively facilitate activities
- A large, open room
- 4 tables
- Access to two separate outlets

Cost:

\$1,200 for groups of up to 200 participants, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext.107.

Maker Club

Get ready to explore, discover and create with Maker Club - the ultimate STEAM experience! This dynamic club travels right to you, bringing expert scientists to guide students through exciting and educational workshops. With three sessions per topic, students will dive deep into a variety of STEAM subjects, from coding and robotics to engineering and 3D printers. Each session is designed to relate directly to STEAM careers, giving students a glimpse into the exciting possibilities that await them in the future.

Series Topics

Electronics
Grade 4-12

Unleash your students' inner electrician as they learn circuitry with our three-part workshop series. In this hands-on experience, students will delve into the basics of circuitry through building and exploring with circuits, LEDs and electronic take aparts.

Engineering
Grade 4-12

Join us for an exciting journey through the world of engineering with our three-part workshop series. In this hands-on learning experience, students will discover the engineering process and bring their ideas to life. Students will explore linkages, gears and roller coaster design.

Fabrication
Grade 5-12

Unleash your creativity and learn about modern technology in our exciting three-part fabrication workshop series. In this hands-on learning experience, students will discover the world of fabrication through the latest technology, including learning how to operate our laser cutter, create with 3D printers and design through CAD.

Robotics & Coding
Grade 5-12

Get ready for your students to explore the world of coding and robots with our exciting three-part workshop series. In this hands-on learning experience, students will delve into the exciting world of computer science by coding robots, exploring micro controllers and learning drag and drop coding to create interactive games or tell engaging stories.

We Provide:

- A series of 3 two-hour workshops, delivered over three different days
- Teacher curriculum guide
- Hands-on activities for up to 30 students
- Content standards alignment for Ohio and Michigan

You provide:

- Access to outlets
- A classroom

Cost:

\$1200/series plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext.107.

Workshops on Wheels

The science center comes to your classroom! We make learning easy with all of the materials needed for one hour of exciting hands-on learning. As your partner in science education, we will provide extension activities to make a larger impact and give you more time for lesson planning. With topics like chemistry, fossils, engineering, dissections and the environment, we have programs for all ages and interests.



We provide:

- Teacher curriculum guide
- Extension activities
- Hands-on materials for 30 students
- Content standards alignment for Ohio and Michigan
- Alignment to Ohio SEL Standards

Cost:

\$400 for two of the same workshop, or \$225 for an individual workshop, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.

Virtual Workshop on Wheels

Virtual Workshop on Wheels are 45-minute programs that include content specific science demonstrations by grade level, along with a kit of materials for up to 30 students to use as they experiment along with the Extreme Scientist, as well as extension activities.

- Kindergarten –The Science of Sound!
- Grade 1 – Habitats
- Grade 2 – Weather
- Grade 3 – Genetics
- Grade 4 – Papertronics
- Grade 5 – Owl Pellet Dissection

Cost:

\$150 for classes up to 30 students

For details and reservations, call 419-244-2674 ext.134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.

Chemistry

Grades 3-8

Chemistry has never been so interesting! Students will discover substances with strange and surprising properties. They will explore the differences between chemical and physical changes while experimenting with film canister rockets and endothermic and exothermic reactions.

Cow Eye Dissection

Grades 6-8

Take your students' understanding of biology to a new level by exploring the eye of a cow. Through the technique of dissection, they'll examine the wonders of the cow's interior eye. Walk away with an understanding of the difference between the vitreous humor and aqueous humor...and a new perspective on how we see the world around us.

Engineering Together

Grades 2-8

Students use collaboration and communication to work through an engineering challenge during a design and build. Your class will think like engineers while using the engineering design process and see the creative and dynamic side of this important field.

Exciting Energy

Grades K-4

Explore the exciting world of energy as students discover what conducts and what insulates, how sounds are created, the difference between kinetic and potential energy and so much more!

Fossils Rock!

Grades Pre-K-5

Let your students travel back in time using scientific inquiry to discover the prehistoric world. During this workshop, students will become paleontologists and dig for fossils to learn how scientists study creatures that disappeared 65 million years ago.

Preschool and Kindergarten students will explore the same content with an added literacy component in a special workshop just for them—Little Big Dig!

Marble Machines

Grades K-12

Can you speed it up? Can you slow it down? Can you change its direction? Using everyday materials, students will engineer their own pathways for marbles and try to successfully meet our design parameters as they get hands-on with the engineering design process.

Owl Pellet Dissection

Grades Pre-K-8

Be a part of science research and have a hoot as your students learn about owls and their environments. This workshop gets hands-on with the food web. Identify bones and collect data to learn more about owls, their diet and their digestive system.

Protecting Our Waterways NEW!

Grades Pre-K-3

Travel with Wally the Walleye on his journey down the Maumee River into Lake Erie. Explore why water is such a valuable resource and learn about ways we can reduce the impacts of water pollution.

Solar Eclipse Science NEW!

Grades K-8

This workshop is designed to provide students with an in-depth understanding of the ways the Sun, Earth, and Moon interact. From the phases of the Moon to total solar eclipses, your amateur astronomers will discover how these interactions can be seen both daily and through once-in-a-lifetime experiences. It will build excitement and create a learning opportunity for this fascinating event.



Science Festivals

Host a Science Festival at your school. We'll bring a dozen hands-on activities all tied to one central theme. Whether it's a school day or family night, everyone will get excited about science. Festivals include all materials align to Ohio and Michigan content standards.

Earth and Space Science Grades Pre-K-10

Students will have an out-of-this-world experience as they explore the solar system and beyond. They will discover how stars are born, learn facts about the objects in our solar system, model the moon's phases and explore how objects orbit each other. Then they come back down to Earth to experiment with erosion, observe and classify rocks and so much more. They are sure to have a blast!

Forces and Motion Grades Pre-K-10

Forces, motion, engineering... oh my! Students will explore Newton's Three Laws of Motion and the Engineering Design Process as they experiment with magnets, rockets and create a machine that can transport a marble.

Structures Grades Pre-K-10

Students will become structural engineers as they explore how science and math combine to create amazing architecture. Students will be challenged to create Roman arches and earthquake resistant buildings, build bridges, follow blueprints and design domes, along with other activities that will have your students building big!

We provide:

- Materials for 12 interactive science activities
- Teacher curriculum guide, including printable data recording pages
- Content standards alignment for Ohio and Michigan
- Data recording pages for each student
- "What I Did Today" take-home sheets
- Extension activities
- In-school marketing materials and support
- Volunteer recruitment letter
- Trained educators who provide support throughout the event
- 30-minute training for teachers and adult volunteers prior to the start of the event

Your school provides:

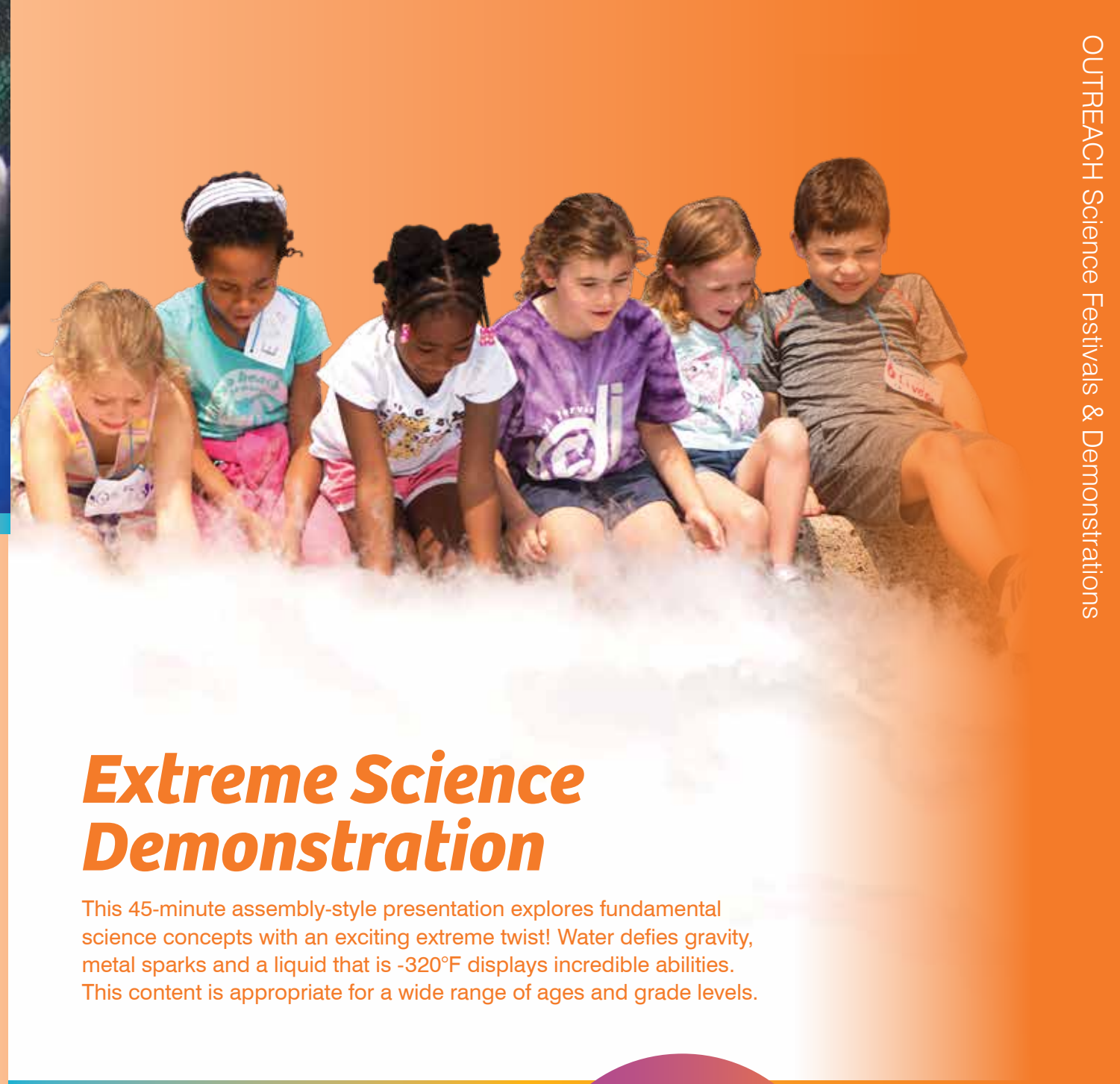
- 15 committed adult volunteers to actively facilitate activities
- A large, open room, such as a cafeteria or gymnasium
- 12 tables
- 2 garbage bins
- Recycling bin

Cost:

\$1,200 for groups of up to 300 participants, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.



Extreme Science Demonstration

This 45-minute assembly-style presentation explores fundamental science concepts with an exciting extreme twist! Water defies gravity, metal sparks and a liquid that is -320°F displays incredible abilities. This content is appropriate for a wide range of ages and grade levels.

Cost:

\$350 for 45 minutes of programming, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.

Interested in a Virtual Extreme Science Demonstration?

Call us to learn more about this program.

Learning Worlds

Our Learning Worlds focus on specific content to help structure your field trip experience. Whether you're teaching your class about earth science, energy conservation, engineering or healthy habits, our Learning Worlds offer unlimited opportunities for exploration.

Eat It Up!

A highly interactive exhibition focused on nutrition and exercise, illustrates how the choices your students make today affect their bodies. Get your students' hearts pumping as they Get in the Action. Eat Smart. Play Hard. Have Fun.

Energy Factory

Get a glimpse into the world of oil refining and solar power. Manipulate the energy output of a photo voltaic wall, compete against others using sunlight, program a robotic arm and command a kid-friendly oil refinery.

Grow U

Celebrates the world of agriculture and farming! Take your students' farm knowledge to a whole new level and be the next contestant on FARM 101: Know It to Grow It! Grow U also features several interactive exhibits that offer both a local and global perspective on agriculture in the 21st century.

IDEA Lab

Inspires students to light it up, send it soaring, take it apart, make it spin, race it faster and create something great! Each experience is designed to foster critical 21st century skills like creativity, problem solving, persistence and innovation while promoting the idea that learning is fun! Add value to the experience by scheduling a Think Tank workshop that promotes these same core skills, all while addressing specific learning standards.

Little KIDSPACE

Invites our littlest adventurers, kindergarten age and younger, to hop aboard a fire truck, shop in the market or climb their favorite tree house, all while learning about forces, motion, math and life science.

Mind Zone

Mind Zone is home to the Distorted Gravity Room, one of our most popular exhibits. Mind Zone helps your students discover how the mind processes, interprets and creates illusions and perceptions. You won't believe what you see!

Water Works

Water Works is entirely devoted to the slippery science of water and dedicated to exploring nature's most powerful resource. Our water and erosion tables, giant water vortex and fascinating weather exhibits, including the Hurricane Chamber, are sure to delight inquisitive minds at any age.

Special Attractions

Flight: The Sky's the Limit

Take your students' learning to new heights. Students will hop into the cockpit of a Saab 340 and test their aviation skills. While flying the friendly skies, they'll learn about the science of flight and many of the dynamic and varied STEAM careers in aviation.

Simulator Theater

OVER THE EDGE!

\$2 per person • 42" height requirement
Experience an exhilarating journey as you dodge snow-covered trees on a mountainside, balance on the edge of a cliff, outrun an avalanche of boulders and careen down an abandoned mine shaft.



Exhibit Guides

Created with the assistance of area K-12 educators, all our educator guides help ensure that your students are engaging with certain targeted exhibits to learn new content and address specific science standards during their visit.

These guides are available on our website and are free to download and print.



Before your next field trip, review the guide and your expectations with your students to prepare for a day of fun science learning at Imagination Station!

Exhibit Guides contain:

- Chaperone Guide providing tips for facilitating exhibit explorations with students
- Alignment to Ohio's Learning Standards for Science
- Student Data Recording Pages to guide your students through exhibit-based explorations
- Answer Key for the Student Data Recording Pages

Virtual Field Trips

Virtual Field Trips are 45-minute programs that include content specific science demonstrations by grade level, along with time for a Q&A with an Extreme Scientist, as well as related extension activities.

- Kindergarten – Weather
- Grade 1 – States of Matter
- Grade 2 – Forces and Motion
- Grade 3 – Energy
- Grade 4 – Fossils
- Grade 5 – Forces and Motion

Cost:

\$125 per class

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.



Eat It Up! presented by:

Grow U presented by:

Energy Factory presented by:

IDEA Lab presented by:
Science Society



IDEA Lab supported by:

Flight presented by:

Zenith Foundation

Simulator Theater presented by:
TAYLOR AUTOMOTIVE FAMILY

LOCALLY OWNED. LOCALLY COMMITTED.

Demonstrations

Our Extreme Science Stage features daily interactive demonstrations that explore fundamental science concepts with an exciting, **EXTREME** twist.

Combustion Grades 3-10

Stand back for this explosive presentation. Students learn what creates combustion and the importance of fire safety. Your students have never seen a demonstration like this!

Matter Mayhem Grades 1-9

Explore solids, liquids and gases like never before. Using liquid nitrogen, this demonstration gives a comprehensive overview of the phase changes. See water freeze before your eyes, witness the explosive power of evaporation and discover how “cool” condensation can be.



Method to the Madness Grades Pre-K-8

Watch water defy gravity, be amazed as metal sparks and be awed by the incredible abilities of a liquid -320° F. This demonstration will teach your students about the importance of good observation and following the scientific method.

Motion Mania Grades 1-10

Discover Newton’s Three Laws of Motion at their most entertaining. Your students will have a blast as they learn about force, momentum and acceleration.

Sounds of Science Grades Pre-K-10

Identify sound through some unconventional noisemakers. This demonstration makes cups squeak and rods scream. “See” sound as water jumps and lasers bounce—all in the name of science.

3D Films

At our KeyBank Discovery Theater, students can travel the universe in a whole new way. Select one of the available 3D movies, and prepare for an immersive experience unlike any other. Teachers and students can continue the learning back in the classroom with educational guides for each film.



NEW THIS FALL Secrets of the Sea

Dive into an extraordinary world to meet some of the world’s most spectacular creatures and learn how they work together to keep our ocean healthy.



Animal Kingdom
Meet six fascinating animal families from all over the world and explore the ways you can help protect them.



Dinosaurs of Antarctica
Shadow a team of scientists as they brave extreme conditions in their quest to unearth ancient animal and plant fossils, revealing Antarctica’s dinosaurs.



Hidden Pacific
Journey to a faraway island wilderness that is part of marine national monuments and some of the last remaining pristine oceanic ecosystems.



Journey To Space
Take a behind-the-scenes tour of the international effort to send astronauts to Mars, culminating in a virtual voyage to the Red Planet.

Traveling Exhibits *Limited Engagement*

Imagination Station is excited to engage your students with new STEAM experiences through highly educational interactive traveling exhibits. Each traveling exhibit comes with an Educator’s Guide that contains lessons and activities that can be used in the classroom and inside the exhibition.



Ultimate Dinosaurs Now – January 7, 2024

Meet an entirely new breed of dinosaurs from South America, Africa and Madagascar, unearthed within the last forty years. This is your opportunity to come face-to-face with the largest carnivorous dinosaur from Gondwana and possibly the largest land predator EVER. The exhibit blends rare specimens, vibrant settings and immersive technology for a captivating experience.



Above and Beyond: The Ultimate Interactive Flight Exhibition February 2 – April 28, 2024

Embark on an awe-inspiring journey in and above the sky. Dive into immersive simulations, tackle interactive design challenges, relive historical milestones and be inspired by the stories of game-changing innovators, both past and present. This exhibit encourages students to imagine future careers in aerospace and builds STEAM awareness and skills.

Presented by:
TOLEDOJET



Mountain Adventure
Follow Olympian Torah Bright as she travels the world’s longest chain of mountain ranges and discover the role they play in sustaining our planet.



Oceans: Our Blue Planet
Venture into Earth’s largest and most mysterious habitat, going further into the unknown than ever thought possible, thanks to cutting-edge technology.



Tiny Giants
Go on an adventure to reveal the astonishing lives of the smallest of animals and experience the titanic battles these creatures face to survive.



Walking with Dinosaurs: Prehistoric Planet
Follow the journey of Pachyrhinosaurus dinosaurs and their young using state-of-the-art technology to bring these ancient creatures to life.



Backyard Wilderness
Explore the unexpected wonders of nature that are right under our noses – in our backyards.

Student Cost:
\$5.00 per participant

Please note: All films are subject to change. Only select time slots are available. Reserve early to secure your preferred film.

For details and reservations, call 419-244-2674 ext. 250

Discovery Theater presented by:
KeyBank



Think Tank Workshops

Take your students' learning to another level! Our 45-minute Think Tank Workshops address specific content that can be difficult to teach in a classroom. From dissecting a cow's eye to creating chemical reactions, these workshops offer structured curriculum and build skills during your field trip. We guarantee it will be the highlight of your visit!

Protecting Our Waterways **NEW!** Grades Pre-K-3

Travel with Wally the Walleye on his journey down the Maumee River into Lake Erie. Explore why water is such a valuable resource and learn about ways we can reduce the impacts of water pollution.

Solar Eclipse Science **NEW!** Grades K-8

This workshop is designed to provide students with an in-depth understanding of the ways the Sun, Earth, and Moon interact. From the phases of the Moon to total solar eclipses, your amateur astronomers will discover how these interactions can be seen both daily and through once-in-a-lifetime experiences. It will build excitement and provide a learning opportunity for this fascinating event.

Chemistry Grades 3-8

Students will discover substances with strange and surprising properties. They will explore the differences between chemical and physical changes while experimenting with film canister rockets and endothermic and exothermic reactions.

Cow Eye Dissection Grades 6-8

Through the technique of dissection, students will examine the wonders of the cow's interior eye. They will walk away with an understanding of the difference between the vitreous humor and aqueous humor... and a new perspective on how we see the world around us.

Engineering Together Grades 2-8

Students will use collaboration and communication to work through an engineering challenge during a design and build. Your class will think like engineers while using the engineering design process and see the creative and dynamic side of this important field.

Exciting Energy Grades K-4

Explore the exciting world of energy as students discover what conducts and what insulates, how sounds are created, the difference between kinetic and potential energy and so much more.

Fossils Rock! Grades Pre-K-5

Students travel back in time using scientific inquiry to discover the prehistoric world. Students become paleontologists and dig for fossils to learn how scientists study creatures that disappeared 65 million years ago.

Preschool and Kindergarten students will explore the same content with an added literacy component in a special workshop just for them—Little Big Dig!



Marble Machines Grades K-12

Can you speed it up? Can you slow it down? Can you change its direction? Using everyday materials, students will engineer their own pathways for marbles and try to successfully meet our design parameters as they get hands-on with the engineering design process.

Owl Pellet Dissection Grades Pre-K-8

Be part of science research and have a hoot as your students learn about owls and their environments. This workshop gets hands-on with the food web. Identify bones and collect data to learn more about owls, their diet and their digestive system.

Student Cost: \$6 per participant

For details and reservations, call 419-244-2674 ext. 250.

Please note: Reservations should be made at least two weeks prior to a scheduled program.



Thank you
to our Adopt-a-School supporters and
our STEAM educational partners.

Premiere:



Martha Holden Jennings Foundation
C. O. Miniger Memorial Foundation

Presenting:



Catalyst:



France Stone Foundation
Elsie and Harry Baumker Charitable Foundation
Waite Brand Foundation

Reserve Today!

To reserve a field trip, call 419-244-2674 ext.250
or visit us online at imaginationstationtoledo.org.



Field Trips	Rates*
Lucas County School Group Rate	\$7.00
Non-Lucas County School Group Rate	\$8.00
Certified Teachers with proper ID	FREE
Think Tank Workshops	\$6.00
Simulator Theater Ride	\$2.00
KeyBank Discovery Theater Film	\$5.00
Traveling Exhibit	FREE
Outreach Programs	Rates**
Science Festivals <i>up to 300 participants</i>	\$1,200
Workshop on Wheels	\$225/each or \$400/2 of the same
Extreme Science Demonstration	\$350
STARLAB®	\$350
Virtual Programs	Rates*
Virtual Field Trips	\$125
Virtual Workshop on Wheels	\$150
Virtual Extreme Science Demonstration	\$150

*Prices subject to change

**+\$.65/mile outside Lucas County

How to qualify for the group rate:

- Include a minimum of 15 paying visitors (excluding educators)
- Make your reservation more than two weeks in advance with a 10% deposit
- Be prepared to make final payment at check-in
- Have at least one adult over 18 years of age for every seven kids in your group

Box lunches

Box lunches are available for field trips.

Orders must be placed and paid in full at least two weeks prior to your visit.

Adopt-A-School

Our Adopt-a-School program offers qualifying schools unable to afford a field trip or outreach program access to Imagination Station. This opportunity is made possible by the generous support of corporations and foundations. More than 60,000 students have benefited from this program. Interested in applying?

Visit imaginationstationtoledo.org/education-resources/adopt-a-school/

Thank You, Educators!

As your educational partner, we are here to support teachers as we all move forward. Call us anytime; we are full of great ideas to teach science in the classroom. Below are some of our educator resources. Just one way we say 'thank you' for all you do!

Professional Development

Science, Engineering and Social Emotional Learning **NEW!**

This two-hour workshop is designed for current or future teachers and showcases how science and engineering are excellent ways to integrate social emotional learning (SEL) into your classroom. You will leave with ideas for how to implement two different engineering challenges, tips to integrate SEL and a greater knowledge of how the science center can be a resource for you.

Cost:

\$450 for two of the same workshop, or \$275 for an individual workshop, plus \$.65/mile outside Lucas County.

For details and reservations, call 419-244-2674 ext. 134.

Please note: Reservations should be made at least two weeks prior to a scheduled program.

Educator Perks

Free Admission

With proper identification, educators receive FREE admission to Imagination Station every day.

Discover.ed Digital Newsletter

Our newsletter lets educators know what is going on at Imagination Station and includes great hands-on activities for the classroom. Email smann@istscience.org to get this valuable resource in your inbox.

Science2GO

Look no further than our gift shop for science materials, kits and student incentives. Educators save 10% on all purchases with proper identification.

Membership

We offer special membership pricing for one of our favorite visitors – educators! With proper identification, receive 10% off an Imagination Station membership.



Online Resources

We're not shy about sharing our knowledge – it's what community partners do! All of our demonstrations and activities have supplemental resources and curriculum for your classroom, and we've put it all online.

Prep4Ed

Imagination Station provides this FREE workshop for all educators interested in learning more about the science center and how we can help empower your science lessons. Spend an hour with us and you will leave with several new tools for your science toolbox!

This year, we are offering after school sessions on Tuesdays or weekend sessions on Saturdays.

Tuesday 4:15-5:15pm:

October 3
December 5
March 12
May 14

Saturday 10:00-11:00am:

November 4
January 6
February 10
April 6

Reservations are required. To reserve your space, call 419-244-2674 ext. 250.



The Ohio Lottery is giving you a chance to nominate and reward outstanding K-12 students, teachers and schools statewide through the newly updated Partners in Education program. New prize increments and a newly updated School of the Year program are some of the exciting changes.

Students can win \$100!
Teachers can win \$500!
Schools can win \$2,500!

Academic All-Star and Teacher of the Month nominations will be accepted from September 1 - May 10; each month three Academic All-Stars and three Teachers of the Month will be recognized.

School of the Year nominations will be accepted from September 1 - March 10; one school will be recognized as the School of the Year.

Nominate today





Non-Profit Org.
U.S. Postage
PAID
Toledo, OH
Permit No. 248

1 Discovery Way
Toledo, Ohio 43604
41° 39'N 83° 32'W
419-244-2674
imaginationstationtoledo.org

Don't be left out of the dark



**SOLAR
ECLIPSE
2024**
April 8, 2024

For the first time since 1806, Toledo is in the path of totality. This phenomenon happens when the moon passes between the Sun and Earth, completely blocking the face of the sun. For 1 minute and 54 seconds the sky over Toledo will darken like it were dawn or dusk.

Imagination Station -
Your Source for Eclipse
Excitement and Education