



**MEET THE NEW BOSS.
SAME AS THE OLD BOSS.**

TREX

PAGE 4



Letter from the President

There is so much happening this summer at McWane! Our You Build It! exhibit is back by popular demand, so bring your budding engineers to exercise their creative energy or take on our design challenges with Lego blocks, Keva planks, and Rigamajig components. If you are looking for a thrill, join us in the IMAX Theater for a documentary film about the Blue Angels and get a taste of what it might feel like to sit in the cockpit of these amazing jets. We also have some kid-friendly feature films coming this summer, like Inside Out 2 and Despicable Me 4, so bring the whole family for a movie treat.

There is so much to do at McWane this summer that I hope you will consider becoming a member. Our members get some wonderful benefits, like free admission to our Adventure Halls, free parking when visiting McWane, discounts in the Cool Stuff Store, Bean Sprouts, and our Imax Theater, and invitations to special events and activities throughout the year. If you plan to travel this summer, a membership to McWane will also allow you free admission to other science centers all across the country.

While a membership is a terrific benefit to you and your family, it also helps McWane deliver its mission "To spark wonder and curiosity about our world through hands-on science." Your membership dollars help us feed the fish in the World of Water, keep our exhibits in working order, and support the hands-on programs throughout the Adventure Halls. With your support, we send our education team into classrooms in the Birmingham area and throughout the state, working directly with the kids and helping teachers learn how to include exciting STEM programs in their classroom activities every day.

Thank you for your attendance and support, and I look forward to seeing you at McWane this summer!

Amy Templeton
President and CEO

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ITTY BITTY CRAFT

Cool off with your little one thanks to this nautical activity



CELEBRATE SCIENCE '23-'24

Help us in congratulating this year's winners

2024 BOARD OF TRUSTEES

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PRESIDENT/CEO

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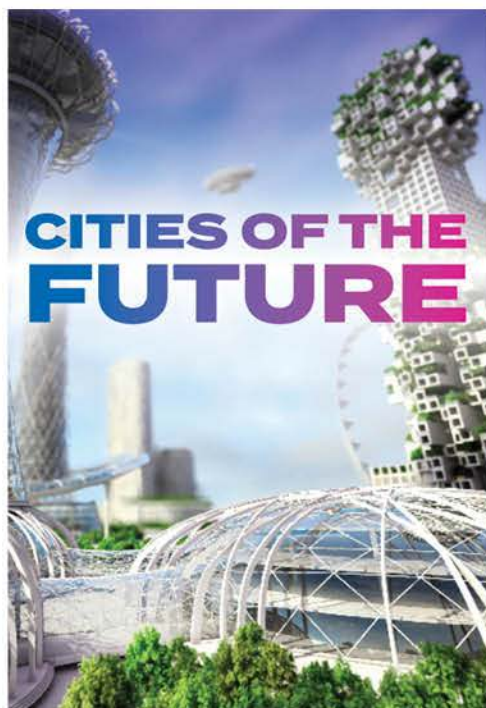
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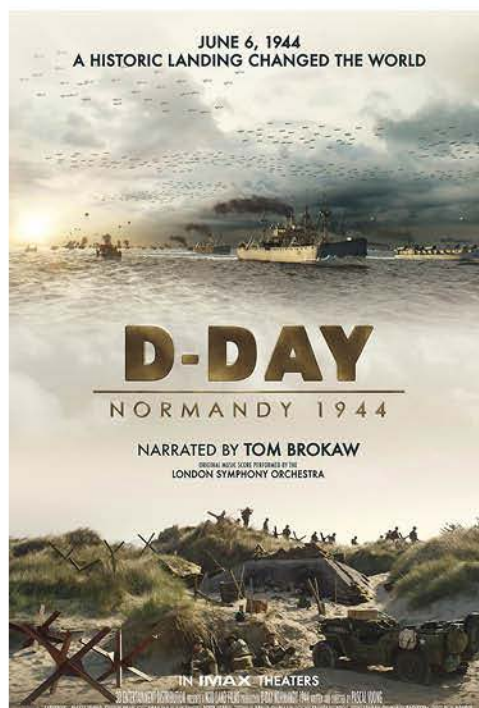
*McWane Science Center is a 501(C)(3) nonprofit organization.
Our mission is to spark wonder and curiosity about our world through
hands-on science experiences*

THIS SEASON IN IMAX



Cities of the Future

Imagine stepping 50 years into the future and finding smart cities designed to be totally sustainable. Renewable energy is our primary power source, space-based solar power provides solar energy 24 hours a day, everything is recycled, and you have your own individualized pods that run on little or no energy. You can also ride an electric flying vehicle! Traffic jams are a thing of the past. This isn't science fiction. Engineers are making plans for a sustainable world right now. And it's coming to the giant screen! Cities of the Future is produced by MacGillivray Freeman Films in association with the American Society of Civil Engineers, the same award-winning team that brought you Dream Big: Engineering Our World.



D-Day

Showing May 24 - June 6

June 6, 1944: The largest Allied operation of World War II began in Normandy, France. Yet, few know in detail exactly why and how, from the end of 1943 through August 1944, this region became the most important location in the world. Blending multiple cinematographic techniques, D-Day: Normandy 1944 brings this monumental event to the McWane's IMAX Dome Theater. Audiences of all ages will discover from a new perspective how this landing changed the world. Exploring history, military strategy, science, technology and human values, the film will educate and appeal to all. Narrated by Tom Brokaw, D-Day: Normandy 1944 pays tribute to those who gave their lives for our liberty...a duty of memory, a duty of gratitude.

IMAX[®] DOME

IMAX SEASON PRESENTED BY

REGIONS



INSIDE OUT 2
JUNE 14



DESPICABLE ME 4
JULY 3



TWISTERS
JULY 19

SPECIAL SHOWING

Inside Out 2

Showings start on
June 14

Disney and Pixar's "Inside Out 2" returns to the mind of newly minted teenager Riley just as headquarters is undergoing a sudden demolition to make room for something entirely unexpected: new Emotions!

Joy, Sadness, Anger, Fear and Disgust, who've long been running a successful operation by all accounts, aren't sure how to feel when Anxiety shows up. And it looks like she's not alone.

Maya Hawke lends her voice to Anxiety, alongside Amy Poehler as Joy, Phyllis Smith as Sadness, Lewis Black as Anger, Tony Hale as Fear, and Liza Lapira as Disgust. Directed by Kelsey Mann and produced by Mark Nielsen.



PLAN AHEAD



History Makers: Science Is For Everyone

Every weekend this Summer

At McWane, we believe that Science is for Everyone. Join each weekend this Summer to celebrate History Makers with hands-on experiences that highlight the lives and accomplishments of diverse past and present scientists, artists, and innovators.



World Oceans Day

June 8

Dive into the wonders of our blue planet with hands-on programs and presentations that highlight the vital role of oceans. Meet unusual marine species and learn how we can protect these vast and diverse ecosystems.



Summer Space Party

June 28 - 30

Get ready to reach for the stars as we blast into a weekend of space exploration. Build paper rockets, test spacesuit technologies, and investigate the outer reaches of our solar system as we lead up to a cosmic celebration of Asteroid Day on June 30.



Star-Spangled Science

July 4

This day of interactive STEM features red, white, blue, and YOU! From fiery reactions to colorful concoctions, join us for an explosive display of science and wonder.

Weather Weekend

July 20 - 21

Hold onto your hats because this weekend's forecast is sunny, rainy, windy, and cloudy! Engineer disaster solutions, test effective sun safety, and experience an electrifying presentation of Shocking Science in our Rushton Theater.



National Sandcastle Day

Aug 3

What do Kinetic Sand and gecko toes have in common? Learn how tiny particles can make big impacts in a day dedicated to sandy sculptures and seashore ecosystems.



Friday Nights @ McWane: Back to Hogwarts (21+)

Aug 16

Join us at for an epic 21+ night from 7-11pm! Dive into a magical evening filled with all things Harry Potter. Dress up as your favorite character and immerse yourself in spellbinding Harry Potter-themed activities and science demos throughout the museum. Enjoy drinks from our cash bar and munch on tasty snacks from our concessions as you explore. Want more magic? Grab an add-on ticket to catch "Harry Potter and the Prisoner of Azkaban" in the IMAX Dome Theater at 9pm.



Silly Science Weekend

Aug 17 - 18

Knock-knock – it's a weekend full of laughter and learning! From scribbling bots to oobleck labs, join us for wacky experiments and interactive demonstrations sure to tickle your funny bone and ignite your curiosity.



VISIT MCWANE.ORG FOR DETAILS

BACK BY
POPULAR DEMAND
OPEN NOW!

McWane Science Center
**you
build it**



We Are a Blue Star Museum!

Active duty military personnel and their families* can visit us for free from May 18 - Sept 2, 2024

**up to 5 family members*



JURASSIC GIANTS:

A Closer Look at T. REX in IMAX

For over a hundred years dinosaurs have inspired and thrilled audiences, commanding blockbuster status in museums and at the box office. But among them towers a king—a tyrant lizard king. With leaps in CGI wizardry and revolutions in tyrannosaur paleontology over the past twenty-five years, the time has come to revisit rex on the big screen.

Working with top tyrannosaur scientists, a coalition of natural history institutions, and pioneering paleo and visual effects artists, Giant Screen Film's original production on this iconic dinosaur—and its carnivorous Cretaceous cousins—aims to be the most dazzling and accurate T. rex documentary ever made.

Anchored by a science expedition with a once-in-a-lifetime discovery, T. REX celebrates the celebrity status of this perennially popular A-List dinosaur. With hat tips to famous specimens, landmark discoveries, and wild cinematic depictions over the last century, the film will explore the interplay between speculation and evidence, and reveal how the process of science refreshes and reimagines our understanding of this legendary dinosaur.



“We’re eager to bring the G.O.A.T - The Greatest Of All Tyrants - back to life in fun and surprising ways. The film will cover a lot of new territory while delivering on the quintessential promises of a T. Rex cinematic experience- the dinky arms, super senses, rex-on-rex fights, pack hunts, baby rexlings, a climactic face-off with a three-horned nemesis, giant pterosaurs, the extinction cataclysm, and much, much more.”

-David Clark, Director

A Science Odyssey

In the documentary, viewers are transported to the Hell Creek Formation, one of the most significant paleontological sites in the world. This fossil-rich area in Montana has yielded some of the most complete Tyrannosaurus rex skeletons ever discovered. The documentary showcases the meticulous work of paleontologists as they unearth these ancient giants, revealing not only the bones but also the fascinating details of the prehistoric world they inhabited. With stunning visuals and expert insights, the excavation scenes bring to life the excitement and challenges of uncovering the secrets of the T.Rex, providing a captivating glimpse into the fieldwork that helps us understand these magnificent creatures.

T. REX will be showing at McWane Science Center’s IMAX Theater starting on June 12! Get your tickets today at mcwane.org/imax-dome

Two junior excavators join paleontologist Tyler Lyson in Hell Creek to search for fossils!



A mother rex defends her nursery territory from a towering invader - a threatening Quetzalcoatlus.



SUMMER SPARKS



Teen Volunteers Light Up McWane with STEM Enthusiasm

Summers at McWane are full of energy and excitement because we get to welcome about 100 Teen Volunteers to the team!

The remarkable teens joining the program get to share their enthusiasm for science communication and develop as young professionals in STEM. At McWane, we encourage active inquiry, curiosity, and personal growth amongst our volunteers. We also provide them with opportunities to build their own professional skillset by giving them a chance to exercise their leadership, communication, and time management skills.

These students will be stationed throughout McWane all summer long, sharing their knowledge through the facilitation of hands-on STEM experiences. They also have the opportunity to mentor and foster the growth of McWane's summer campers by assisting these budding scientists in their day-to-day activities.

Be sure to extend a warm welcome to the 2024 Summer Teens the next time you visit McWane!



Pool Noodle Boats

The weather is warming and the pools and splashpads are calling, but you only need a small container of water to try this pool noodle activity. Explore wind and buoyancy by creating pool noodle sailboats for those sunny days of play this summer.

Materials:

- Pool Noodle
- Foam Sheets
- Plastic Straws
- Hole Punch
- Scissors
- with adult supervision*
- Kitchen Knife
- with adult supervision*
- Bin, fill 1/4 of the way with water

Instructions:

- 1 Using the kitchen knife, cut the pool noodle into 1 inch slices.
- 2 Using the point of your scissors, poke a small hole for the straw.
- 3 Cut the straws into 3 inch lengths (leave some straws intact).
- 4 Cut 2 inch triangles from foam sheets.
- 5 Punch a hole in the top and bottom of triangles and thread straw through.
- 6 Insert straw into the hole created with scissors.
- 7 Place the boats in the water, and using the intact straws, blow against the sails and watch the boats sail!
- ★ Optional: Place lines of colorful tape along the underside of a larger clear container prior to filling with water. Try to keep the boats on course or race a friend to one end!



Join us at Itty Bitty Magic City this Summer as we explore the many wonders of our world through weekly program offerings! Check out mcwane.org for program times.



CELEBRATE SCIENCE

'23-'24 WRAP UP

Celebrate Science—our favorite school-based program of the year—is a region-wide educational competition designed to engage elementary students, from third to fifth grade, in an engineering design challenge. This program integrates science, engineering, math, writing, and technology, allowing students to experience hands-on learning that connects directly to their everyday lives. Throughout the year, participating classrooms collaborate with the McWane Education Team to envision, design, and develop exhibits they would like to see at McWane Science Center. These projects culminate in a statewide competition to crown the Celebrate Science Champion.

Tonia Michelle from Fox 6 WBRC served as the master of ceremonies for Celebrate Science, sharing insights about her work as a meteorologist and scientist. She inspired

students to dream big about their future careers, while also welcoming them to McWane and Birmingham. She congratulated the students on their achievements and thanked the teachers for their dedication in making this event possible for the next generation of leaders.

In 2024, the program saw participation from 18 schools, involving over 500 students. The students' prototypes showcased a remarkable range of topics, including space stations, a hands-on hospital, methods for cleaning up oil spills, and the science of sound. First place was awarded to "Super Science" by F.E. Burleson Elementary. Congratulations to F.E. Burleson Elementary and to all the teachers and students who collaborated creatively and enthusiastically to make science learning fun and engaging!





1st place: F.E. Burleson Elementary | 2nd place: Rainbow Elementary | 3rd place: Westhills Elementary |
President's Award: Shades Cahaba Elementary | McWaniac Award: Mountain Gap Elementary

Thank you to the other participating schools: J.S. Abrams Elementary (Bessemer), Barkley Bridge Elementary (Hartselle), W.J. Christian (Birmingham), Hall-Kent Elementary (Homewood), Cold Springs Elementary (Bremen), Birmingham Homeschoolers Beta Club (Birmingham), Shades Cahaba Elementary (Homewood), Leeds Elementary (Leeds), Chalkville Elementary (Chalkville), Trace Crossings Elementary (Hoover), Barrett Elementary (Birmingham), Watwood Elementary (Childersburg), Legacy Prep (Birmingham), Vestavia Hills Elementary East (Vestavia Hills)

**And a BIG thank you to our Celebrate Science Sponsors:
Vulcan Materials Company and Kinder Morgan**

If your school would like to participate in the 2024-25 Celebrate Science program, applications open in August. For more information, contact Norman Schmitz at nschmitz@mcwane.org

Get more out of your Summer

A Summer Membership for 2 adults and 2 children is only \$85!

This gives you all of the normal perks of a McWane Membership for the whole Summer. Perks like: free admission & parking, discounts at our IMAX theater, the Cool Stuff Store, & Beansprouts Cafe, and free or discounted tickets to over 300 science centers around the world!



Learn more about getting a Summer Membership by scanning the QR code or visiting mcwane.org/membership. Use Code **2024summermembership** at check out to receive your discount.

