

wonders center & science museum

wonders center & science museum stands as a premier destination for education and exploration, attracting visitors of all ages who are eager to engage with the fascinating world of science and technology. This institution offers an immersive experience that combines interactive exhibits, hands-on activities, and educational programs designed to inspire curiosity and a deeper understanding of scientific principles. The wonders center & science museum serves as a hub for learning, creativity, and innovation, making science accessible and enjoyable for families, students, and educators alike. Throughout this article, the focus will be on the various exhibits, educational initiatives, and unique features that make the wonders center & science museum a vital resource for science education. Additionally, practical information such as visitor amenities and special events will be discussed to provide a comprehensive guide for prospective visitors. This overview naturally leads into a detailed table of contents that outlines the main topics covered in the article.

- Exhibits and Interactive Displays
- Educational Programs and Workshops
- Special Events and Community Engagement
- Visitor Amenities and Accessibility
- Impact on Science Education and Local Community

Exhibits and Interactive Displays

The wonders center & science museum features a diverse range of exhibits designed to engage visitors in active learning through exploration and experimentation. These exhibits cover various scientific disciplines including physics, biology, chemistry, astronomy, and environmental science. Each display is carefully curated to present complex concepts in an understandable and captivating manner.

Hands-On Science Exhibits

One of the hallmark features of the wonders center & science museum is its emphasis on hands-on exhibits. Visitors can manipulate scientific tools, conduct experiments, and interact with models that demonstrate principles such as magnetism, electricity, and motion. These interactive displays foster experiential learning and make abstract theories tangible.

Themed Galleries and Permanent Collections

The museum houses several themed galleries that focus on specific topics like space exploration, human anatomy, and renewable energy. These permanent collections are supplemented by rotating exhibits that bring the latest scientific discoveries and innovations to the public eye. The incorporation of multimedia presentations and digital technology enhances visitor engagement.

Outdoor Science Park

Complementing the indoor exhibits, the wonders center & science museum includes an outdoor science park that encourages exploration of natural phenomena. This area features installations like solar energy demonstrations, weather stations, and ecological habitats, allowing visitors to experience science in an open-air environment.

Educational Programs and Workshops

Education is a central mission of the wonders center & science museum, which offers a wide array of programs tailored to different age groups and educational levels. These initiatives aim to supplement formal education and inspire lifelong learning in science and technology.

School Field Trips and Curriculum Integration

The museum collaborates with local schools to provide field trip experiences that align with classroom curricula. These visits include guided tours, interactive sessions, and hands-on workshops that reinforce scientific concepts taught in schools. Customized programs ensure relevance to specific grade levels and subject areas.

After-School and Summer Camps

To extend learning beyond the classroom, the wonders center & science museum organizes after-school clubs and summer camps focused on STEM (science, technology, engineering, and mathematics) education. These programs feature activities such as robotics, coding, chemistry experiments, and environmental studies, promoting creativity and problem-solving skills.

Public Lectures and Expert Talks

The museum regularly hosts lectures and presentations by scientists, researchers, and industry experts. These events provide insight into current

scientific research and technological advancements, fostering a connection between the scientific community and the public.

Special Events and Community Engagement

Beyond daily exhibits and programs, the wonders center & science museum actively organizes special events that engage the broader community and celebrate science in innovative ways.

Science Festivals and Themed Celebrations

Annual science festivals and themed celebrations bring together families, educators, and scientists for a variety of activities including demonstrations, competitions, and interactive workshops. These festivities highlight the relevance of science in everyday life and encourage community participation.

Collaborations with Universities and Research Institutions

The museum partners with academic and research organizations to host symposia, science fairs, and collaborative projects. These partnerships enhance the quality of programming and provide opportunities for visitors to engage with cutting-edge research.

Volunteer and Internship Opportunities

Engagement extends to volunteer programs and internships that allow members of the community, especially students, to contribute to the museum's operations and educational outreach. These roles provide valuable experience in science communication and museum management.

Visitor Amenities and Accessibility

The wonders center & science museum is designed to accommodate diverse visitor needs, ensuring a comfortable and inclusive experience for all guests.

Facilities and Services

The museum offers amenities such as a café, gift shop, and lounge areas to enhance visitor comfort. On-site parking and public transportation access

make the museum conveniently reachable. Additionally, the facility provides free Wi-Fi and information desks to assist visitors throughout their stay.

Accessibility and Inclusivity

Commitment to accessibility is evident through features like wheelchair ramps, elevators, and accessible restrooms. The museum also provides sensory-friendly programs and materials tailored for visitors with disabilities, ensuring science education is available to everyone.

Group and Private Event Hosting

The wonders center & science museum offers spaces for group visits, corporate events, and private celebrations. These customizable options include guided tours, catering services, and tailored educational content to meet the needs of various groups.

Impact on Science Education and Local Community

The wonders center & science museum plays a significant role in enhancing science literacy and fostering community development through educational outreach and public engagement.

Promoting STEM Education

By providing accessible and engaging science experiences, the museum contributes to increased interest and proficiency in STEM fields. Its programs support educators and inspire young learners to pursue careers in science and technology.

Community Partnerships and Outreach

The museum collaborates with local organizations, schools, and government agencies to extend its educational reach beyond its physical location. Outreach initiatives include mobile science exhibits and community workshops that bring science education directly to underserved populations.

Economic and Cultural Contributions

As a cultural landmark, the wonders center & science museum attracts tourism and generates economic benefits for the surrounding area. Its presence enriches the community's cultural fabric by promoting science as a vital aspect of society and daily life.

- Hands-on science exhibits and interactive learning
- Educational programs tailored for various age groups
- Special events and collaborations with research institutions
- Visitor amenities focused on comfort and accessibility
- Strong impact on local science education and community engagement

Frequently Asked Questions

What exhibits can visitors expect to see at Wonders Center & Science Museum?

Visitors can explore interactive exhibits focusing on science, technology, engineering, art, and mathematics, designed to engage all age groups in hands-on learning experiences.

Are there any special programs or workshops available at Wonders Center & Science Museum?

Yes, the museum offers a variety of special programs and workshops including STEM education sessions, summer camps, and weekend science demonstrations tailored for children and families.

What are the opening hours of Wonders Center & Science Museum?

The Wonders Center & Science Museum is typically open from 9 AM to 5 PM, Tuesday through Sunday, and is closed on Mondays. However, hours may vary on holidays or special events.

Is the Wonders Center & Science Museum suitable for school field trips?

Absolutely, the museum is a popular destination for school field trips, providing educational tours and activities aligned with curriculum standards to enhance student learning in science and technology.

How can visitors purchase tickets for Wonders Center

& Science Museum?

Tickets can be purchased online through the museum's official website or at the museum's entrance. Online booking is recommended to secure entry during busy periods.

Does Wonders Center & Science Museum have facilities for hosting birthday parties or private events?

Yes, the museum offers party packages and event spaces for birthday celebrations and private gatherings, including guided activities and access to interactive exhibits.

Additional Resources

1. Exploring Wonders: A Journey Through Science Museums

This book offers an immersive tour of some of the world's most fascinating science museums and wonders centers. It showcases interactive exhibits, groundbreaking discoveries, and the innovative ways museums engage visitors of all ages. Richly illustrated, the book inspires curiosity and a deeper appreciation for science and technology.

2. The Magic of Science Museums: Inspiring the Next Generation

Focusing on the educational role of science museums, this book explores how these institutions nurture curiosity and critical thinking in young minds. It highlights successful programs, hands-on exhibits, and the impact of science centers on STEM education worldwide. A perfect read for educators, parents, and museum enthusiasts.

3. Wonders Centers Around the World: Celebrating Innovation and Discovery

Take a global tour of wonders centers dedicated to science, technology, and natural history. The book features iconic centers, their unique exhibits, and the stories behind their most famous displays. It emphasizes the cultural and scientific importance of these centers in promoting knowledge and innovation.

4. Interactive Science: Designing Exhibits for Wonders Centers

This insightful guide delves into the art and science of creating engaging exhibits for science museums and wonders centers. It covers design principles, visitor psychology, and the latest technologies used to make learning interactive and fun. Ideal for museum professionals and exhibit designers.

5. The Evolution of Science Museums: From Cabinets of Curiosity to Wonders Centers

Tracing the history of science museums, this book explores how they have evolved from collections of curiosities to dynamic educational hubs. It examines key milestones, influential figures, and the changing role of museums in society. The narrative provides a rich context for understanding today's wonders centers.

6. *Science Museums and Community Engagement: Building a Culture of Curiosity*
This book highlights the vital role science museums play in community outreach and engagement. It discusses strategies for inclusivity, public programming, and partnerships that make science accessible to diverse audiences. Through case studies, it showcases how museums foster lifelong learning and community involvement.

7. *Behind the Scenes at Wonders Centers: The People Who Bring Science to Life*
Explore the fascinating world of museum professionals, from curators and educators to exhibit designers and scientists. This book reveals the teamwork and creativity involved in developing exhibits and programs that captivate visitors. Personal stories and interviews offer a unique perspective on the daily workings of science museums.

8. *Future Frontiers: Innovations Shaping Science Museums and Wonders Centers*
Look ahead to the future of science museums with this thought-provoking book on emerging technologies and trends. It covers virtual reality, artificial intelligence, sustainability, and other innovations transforming how museums educate and engage. A must-read for those interested in the future of science communication.

9. *Hands-On Science: Engaging Activities Inspired by Wonders Centers*
Packed with fun, educational activities and experiments, this book brings the spirit of science museums into your home or classroom. Each activity is designed to be accessible, safe, and inspiring, encouraging hands-on learning and discovery. It's an excellent resource for parents, teachers, and young explorers eager to dive into science.

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wonders center science museum: Forest Park Don Corrigan and Holly Shanks, 2017 The history of Forest Park, in St. Louis, Missouri, told mostly through archival pictures.

wonders center science museum: Controversy in Science Museums Erminia Pedretti, Ana Maria Navas Iannini, 2020-04-30 Controversy in Science Museums focuses on exhibitions that approach sensitive or controversial topics. With a keen sense of past and current practices, Pedretti and Navas Iannini examine and re-imagine how museums and science centres can create exhibitions that embrace criticality and visitor agency. Drawing on international case studies and voices from visitors and museum professionals, as well as theoretical insights about scientific literacy and science communication, the authors explore the textured notion of controversy and the challenges and opportunities practitioners may encounter as they plan for and develop controversial science exhibitions. They assert that science museums can no longer serve as mere repositories for objects or sites for transmitting facts, but that they should also become spaces for conversations that are

inclusive, critical, and socially responsible. Controversy in Science Museums provides an invaluable resource for museum professionals who are interested in creating and hosting controversial exhibitions, and for scholars and students working in the fields of museum studies, science communication, and social studies of science. Anyone wishing to engage in an examination and critique of the changing roles of science museums will find this book relevant, timely, and thought provoking.

wonders center science museum: Fostering Empathy Through Museums Elif M. Gokcigdem, 2016-07-19 Fostering Empathy through Museums features fifteen case studies with clear take-away ideas, and lessons learned by vividly illustrating a spectrum of approaches in the way museums are currently employing empathy, a critical skill that is relevant to personal, institutional, economical, and societal progress. The need is rapidly growing for empathy to serve as a lens through which we find our purpose and connection in a complex world. This demand brings with it an appetite to cultivate it through safe and trusted platforms. Museums are uniquely equipped to undertake this important mission. This book will help museum staff and leadership at all levels working at a variety of museums (from animal sanctuaries to art museums, from historic house museums to children's and science museums) to better understand the multitude of ways how empathy can be cultivated, and employed in museum setting. Fostering Empathy through Museums will provide inspiration, examples, and lessons learned from a balanced spectrum of museums currently employing empathy in museum setting: as an educational tool to better connect their content with the audience, as an integral element of a museum's institutional values and behavior, and as a phenomenon that is worthy of exploration on its own and as an intentional outcome. This publication provides museum professionals as well as formal and informal learning educators to receive an overview of the variety of approaches to empathy in museums, and to create a shared language and methodologies that could enable them to utilize and nurture empathy as a shared vision that would serve not only their organizational mission, but also the greater good. Empathy can be a tool, or an intentional outcome depending on the institution's objectives. Regardless of the choice, the ideas presented in this book are intended to inform and inspire institutions to unlock exciting possibilities in the areas of improved visitor experience, creative community partnerships, and contribution to social progress by bringing empathy to public discourse through institutional strategies, exhibitions, experiences, and programs. The book also provides ideas for future strategies where empathy is considered as a shared vision by museums, and a product of a museum experience that might lead to positive social impact.

wonders center science museum: Anthropological Perspectives on the Religious Uses of Mobile Apps Jacqueline H. Fewkes, 2019-10-10 This edited volume deploys digital ethnography in varied contexts to explore the cultural roles of mobile apps that focus on religious practice and communities, as well as those used for religious purposes (whether or not they were originally developed for that purpose). Combining analyses of local contexts with insights and methods from the global subfield of digital anthropology, the contributors here recognize the complex ways that in-app and on-ground worlds interact in a wide range of communities and traditions. While some of the case studies emphasize the cultural significance of use in local contexts and relationships to pre-existing knowledge networks and/or non-digital relationships of power, others explore the globalizing and democratizing influences of mobile apps as communication technologies. From Catholic confession apps to Jewish Kaddish assistance apps and Muslim halal food apps, readers will see how religious-themed mobile apps create complex sites for potential new forms of religious expression, worship, discussion, and practices.

wonders center science museum: Fodor's Maine, Vermont, & New Hampshire Fodor's Travel Guides, 2023-07-04 Whether you want to eat lobster in Maine, climb New Hampshire's White Mountains, or go skiing in Vermont, the local Fodor's travel experts in Maine, Vermont, and New Hampshire are here to help! Fodor's Maine, Vermont, and New Hampshire guidebook is packed with maps, carefully curated recommendations, and everything else you need to simplify your trip-planning process and make the most of your time. This new edition has been fully-redesigned

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wonders center science museum: *California Travel Quests* Richard Di Giacomo, 2025-05-01 This is so much more than just an average travel book that only covers the major tourist attractions. This book is designed to help you slow down and enjoy the rich diversity of California. There are many interesting places to see and things to do in the vast state that are not listed in conventional travel guides. There are many off the beaten path and unconventional places that are still well worth visiting. To make it fun, I have arranged the attractions by themes. I call them travel quests. Think of them as "bucket lists" for travelers. Instead of trying to see all of California in one big gulp, the state's many fascinating sites have been broken up into a series of travel goals along a similar theme. You may complete these quests on multiple trips at your leisure or combine items from different quests. Each section of the book has a travel quest to complete based upon a particular theme like nature, history, entertainment, or cultural sites. The chapter then has goals for a representative sample of the items contained on that list. Some additional silly activities, such as wearing a costume, getting a goofy souvenir, or singing an appropriate song, have been included to keep it fun for children and others. The author's personal favorites for each category are also highlighted along with many great photos from his travels. The book is a treasure trove of insider travel tips from a long term resident of the state who has traveled the length and breadth of the state many times. It contains many fascinating historical and geographical facts that put the places and activities in context. It is very educational and fun for the whole family. It can also save you a lot of time and money by telling you what is worth seeing and what is not. It tells you how to avoid the crowds and wasting time traveling and waiting in lines. This is the full-color edition. The stunning photographs show what a marvelous place California is to see.

wonders center science museum: The Art of Curiosity Exploratorium, 2019-10-29 Fifty of the world's most creative people share their stories and inspirations in this volume created by the Exploratorium science museum. What do music visionary Brian Eno, kinetic sculptor Theo Jansen, science writer Mary Roach, Mythbuster Adam Savage, and Pulitzer-winning journalist Thomas Friedman have in common? They are all game-changers: scientists, artists, entertainers, and activists who revolutionized their fields with bold new perspectives and approaches—and they all had transformative, course-setting experiences at the Exploratorium science museum, the San Francisco landmark visited by a million people a year in person and by millions more online. Join them and forty-five more brilliant thinkers and doers in a wonderfully playful, insightful, and sometimes incredibly moving journey to see how you, too, can harness your powers of observation, inquiry, and engagement to be the change you want to see in the world—regardless of who you are or what you do. Interviewees and subjects include: Oscar-Winning Sound Designer Walter Murch on observation Laurie Anderson on art as a way of knowing Memory Expert Elizabeth Loftus on how we learn Oliver Sacks on perception Mary Roach on how she learned to ask the right questions Adam Savage on the fun of finding things out Mickey Hart on the art of playing to learn, and learning to play California Governor Gavin Newsom on the importance of science Community activist Randy Carter on finding joy in the worst of places . . . and dozens more interviews, insights, and activities suggested by artists, scientists, poets, and politicians, in a book that can help you become more creative—and maybe just change the world.

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Kingdom) ,

wonders center science museum: Museum Flack Steve Lott, 2025-09-04 In recent years, museums have found themselves on the front pages for all the wrong reasons. News coverage, once reserved for exciting exhibits or landmark donations, now shines a harsh spotlight on controversies-leadership disputes, funding flaws, political orders and an array of reputational crises. Two-thirds of museum leaders report feeling unprepared when facing journalists, with many describing their first media crisis as overwhelming and damaging. These stories, broadcast to national audiences, shape public perceptions in minutes, sometimes undoing years of careful work. The heart of the issue lies in a critical-and often overlooked-gap: while museum directors typically master museum administration, curatorial or educational work, few possess the training or experience needed to respond to relentless media scrutiny. Nearly every museum, from the largest institution to local history centers, struggles with limited resources. This gap has led to missed opportunities for positive news coverage and, in some cases, public misunderstandings that have hurt careers and endangered institutional trust. Museum Flack arrives at this moment to fill the void-an essential guide for everyone from students entering the field to seasoned executives and board members. Drawing from lessons earned in high-stakes media campaigns in aerospace and technology, and enriched by illuminating museum-specific case studies, this book lays out exactly how museum professionals can: * Shape compelling narratives for the media * Turn crisis moments into opportunities for trust-building * Secure positive, national news coverage with thoughtful planning-not enormous budgets * Confidently navigate the modern media landscape, from newspapers to TikTok Museum Flack unpacks the techniques behind headlines and empowers any museum professional to advocate for their institution, safeguard its reputation, and seize the media spotlight for all the right reasons. Every chapter offers step-by-step tactics and real-world examples, transforming complex communications challenges into clear, actionable strategies. The time to master museum public relations is now. Readers who embrace these lessons will champion their institutions, protect their legacies, and help museums thrive, even under the sharpest media lens.

wonders center science museum: Museums in Motion Edward P. Alexander, Mary Alexander, Juilee Decker, 2017-02-23 Here is a complete introduction to the history of museums, types of museums, and the key roles that museums play in the twenty-first century. Following an introductory chapter looking at what a museum is today, Part I looks at the history and types of museums: art and design museums natural history and anthropology museums science museums history museums, historic houses, interpretation centers, and heritage sites botanical gardens and zoos children's museums The second part of the book explores the primary functions of museums and museum professionals: to collect to conserve to exhibit to interpret and to engage to serve and to act The final chapter looks at the museum profession and professional practices. Throughout, emphasis is on museums in the United States, although attention is paid to the historical framing of museums within the European context. The new edition includes discussions of technology, access, and inclusivity woven into each chapter, a list of challenges and opportunities in each chapter, and "Museums in Motion Today," vignettes spread throughout the volume in which museum professionals provide their perspectives on where museums are now and where they are going. More than 140 images illustrate the volume.

wonders center science museum: Encyclopedia of Science and Technology Communication Susanna Hornig Priest, 2010-07-14 In the academic world, the term science communication refers both to a set of professions (such as science journalism and public information work) and to an interdisciplinary scholarly research specialization. Much of this research is aimed at improving our understanding of the best ways to communicate complex information, especially to people who are not scientists. Science communication specialists are concerned with giving people useful information about health, environment, and technology - as well as science itself. In order to do this, we also need to improve our understanding of how people think, form opinions, and process information. Additionally, professional practitioners in science communication are engaged in strategic and ethical decisions every day, such as: How should reporters cover the issue of climate

change? Should the views of scientists who do not believe that climate change has been caused by human activity be included alongside the views of those who do, in order to give a balanced story, or does this mislead the public into thinking that both of these positions are equally accepted within the scientific community? The Encyclopedia of Science and Technology Communication provides information on the entire range of interrelated issues in this interdisciplinary field in one place, along with clear suggestions on where to begin the search for more. Geared towards undergraduate and graduate students in journalism, communication, mass communication, and media studies, as well as towards working journalists, public information officers, and public relations specialists, this encyclopedia introduces this vast, fascinating field while challenging the reader to question assumptions inherent in communication across disciplinary boundaries. Key Themes Associations and Organizations Audiences, Opinions, and Effects Challenges, Issues, and Controversies Changing Awareness, Opinion, And Behavior Critical Influences and Events Global and International Aspects Government Agencies (US) History, Philosophy, and Sociology of Science Important Figures Journal Publications Key Cases and Current Trends Law, Policy, Ethics, and Beliefs Major Infrastructural Initiatives Practices, Strategies, and Tools Professional Roles and Careers Public Engagement Approaches Theory and Research Venues and Channels

wonders center science museum: Museum Practice Conal McCarthy, 2020-11-19 MUSEUM PR ACTICE Edited by CONAL MCCARTHY Museum Practice covers the professional work carried out in museums and art galleries of all types, including the core functions of management, collections, exhibitions, and programs. Some forms of museum practice are familiar to visitors, yet within these diverse and complex institutions many practices are hidden from view, such as creating marketing campaigns, curating and designing exhibitions, developing fundraising and sponsorship plans, crafting mission statements, handling repatriation claims, dealing with digital media, and more. Focused on what actually occurs in everyday museum work, this volume offers contributions from experienced professionals and academics that cover a wide range of subjects including policy frameworks, ethical guidelines, approaches to conservation, collection care and management, exhibition development and public programs. From internal processes such as leadership, governance and strategic planning, to public facing roles in interpretation, visitor research and community engagement and learning, each essential component of contemporary museum practice is thoroughly discussed.

wonders center science museum: Amplifying Informal Science Learning Judy Diamond, Sherman Rosenfeld, 2023-06-30 This collection explores the broad landscape of current and future out-of-school science learning environments. Written by leading experts and innovators in informal science learning, these thoughtful and critical essays examine the changing nature of informal institutions such as science museums, zoos, nature centers, planetariums, aquaria, and botanical gardens and their impact on science education. The book examines the learning opportunities and challenges created by community-based experiences including citizen science, makerspaces, science media, escape rooms, hobby groups, and gaming. Based on current practices, case studies, and research, the book focuses on four cross-cutting themes - inclusivity, digital engagement, community partnerships, and bridging formal and informal learning - to examine how people learn science informally. The book will be of interest to STEM (science, technology, engineering and math) educators - both in and out of school - designers of science and experiential education programs, and those interested in building STEM learning ecosystems in their communities.

wonders center science museum: Wonders of Work and Labor Betsy Fahlman, Pennsylvania State University. EMS Museum & Art Gallery, Eric Jon Schruers, 2008 The paintings and prints of the Steidle Collection capture the power and beauty of industry. The images, potent reminders of earlier vigorous industrial development in America, are a visual record connecting fine arts, industry, and education before World War II. Established and expanded by Edward Steidle during his tenure at The Pennsylvania State University, the collection, with its unique focus on the mineral industries, is one of the most comprehensive assemblages of American industrial art. The Steidle Collection is preserved and exhibited by the Earth and Mineral Sciences Museum and Art

Gallery. The Steidle Collection remains today a remarkable artifact at the intersection of art, industry, and education. As a time capsule of the period between the stock market crash of 1929 and World War II, the collection sheds light on Pennsylvania's most important industries. The unique beauties of steel and coal that inspired the artists in this collection remind us of the power these industries held in the culture and economy of Pennsylvania. At the time he assembled his industrial art collection, Dean Steidle could hardly have imagined the collapse of the nation's formidable steel industry and the disappearance of the blast furnaces that inspired such powerful paintings and prints. Edward Steidle was singular--one writer characterized him as a spark plug--and his remarkable vision of art embedded in the School of Earth and Mineral Sciences remains a legacy for the citizens of the Commonwealth and for The Pennsylvania State University.

wonders center science museum: *American Education* , 1974

wonders center science museum: New York Magazine , 1993-01-25 New York magazine was born in 1968 after a run as an insert of the New York Herald Tribune and quickly made a place for itself as the trusted resource for readers across the country. With award-winning writing and photography covering everything from politics and food to theater and fashion, the magazine's consistent mission has been to reflect back to its audience the energy and excitement of the city itself, while celebrating New York as both a place and an idea.

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Wonders Center and Science Museum Opens in Dickson Wonders Center and Science Museum, announced last year, has opened in Dickson. The museum is the brain-child of David Rives, of David Rives Ministries. In the

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