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The Golden Glow Jul 20 2022 Wes Anderson's Fantastic Mr. Fox meets Richard Scarry's Best Word Book Ever in this stylish picture book about a quest for a rare and mysterious plant. Fox loves nature. There's nothing he enjoys more than reading about and picking flowers. One evening, he comes across a rare specimen in his old botany book -- the golden glow, a plant from the Wellhidden family, found only in the mountains . . . a plant that has yet to be described. Fascinated, Fox decides to set off on a quest in search of the mysterious golden glow. He packs his knapsack, a map, a compass, a flashlight, a sleeping bag and other items for his hike. Along the way, Fox observes many different kinds of trees and plants. He also encounters woodland friends who help him make it to the summit of the mountain. But when Fox eventually stumbles upon the object of his quest, he makes a surprising decision. With spreads of educational content interspersed throughout, The Golden Glow is a charming story that details the simple pleasures of a nature hike and celebrates observing the beauty of nature. *The San Francisco Exploratorium* Oct 19 2019 Describes what a trip to the San Francisco Exploratorium would be like and some of the experiments you can do while you

are there.

Something Incredibly Wonderful Happens Nov 24 2022 Cole--a friend and colleague of Frank Oppenheimer's for many years--has drawn from letters, documents, and extensive interviews to write a very personal story of the man whose irrepressible spirit would inspire so many.

Bay Lexicon Aug 29 2020 As human populations inhabiting cities have grown dramatically, we have lost the ability to understand and even to see the natural world around us. We lack the vocabulary to describe our surroundings, and this lack of understanding limits our ability as citizens to contribute to political decisions about the landscape of cities, especially at the edges where land meets water. Bay Lexicon, a field guide to San Francisco's shoreline, is a case study in establishing a working language for hybrid landscapes. Centred on a walk along the edge of the iconic San Francisco Bay, it documents, deciphers, and classifies the places and phenomena a person encounters – and the forces, histories, and interactions that underlie what is visible. In a unique synthesis of text and drawing, Jane Wolff applies analytical and representational tools based in design and documentary work to findings from the fields of geography, environmental and cultural history, public policy, urban ecology, and landscape studies. As our cities face increasing pressure caused by climate change, we will need to reimagine them in terms that do justice to their complexity. Bay Lexicon's methods for building landscape literacy are meant for translation, adaptation, and use far beyond San Francisco Bay. Through activist scholarship that cuts across disciplinary boundaries and

levels of expertise, this book examines how the landscape at the water's edge works, documents its historical evolution, brings its citizens' values to light, and frames conversations about how and why it might change.

Life on Display

May 18 2022 Rich with archival detail and compelling characters, Life on Display uses the history of biological exhibitions to analyze museums' shifting roles in twentieth-century American science and society. Karen A. Rader and Victoria E. M. Cain chronicle profound changes in these exhibitions—and the institutions that housed them—between 1910 and 1990, ultimately offering new perspectives on the history of museums, science, and science education. Rader and Cain explain why science and natural history museums began to welcome new audiences between the 1900s and the 1920s and chronicle the turmoil that resulted from the introduction of new kinds of biological displays. They describe how these displays of life changed dramatically once again in the 1930s and 1940s, as museums negotiated changing, often conflicting interests of scientists, educators, and visitors. The authors then reveal how museum staffs, facing intense public and scientific scrutiny, experimented with wildly different definitions of life science and life science education from the 1950s through the 1980s. The book concludes with a discussion of the influence that corporate sponsorship and blockbuster economics wielded over science and natural history museums in the century's last decades. A vivid, entertaining study of the ways science and natural history museums shaped and were shaped by understandings of science and public education in the twentieth-century United States, Life on Display will appeal to

historians, sociologists, and ethnographers of American science and culture, as well as museum practitioners and general readers. Exploring the Science of Light Jan 14 2022 Ever look at the sky and wonder what makes it so blue? Or watch shadows shrink and grow as the day goes on? Find out the answers to these questions (plus 38 more!) with a book that explores color and light. Shine a Light on Light Itself! From mesmerizing colored shadows to groovy glow-stick dissections, from totally cool laser play to DIY kaleidoscopic reflections, Exploring the Science of Light is a kid-friendly, hands-on discovery guide for investigating light, color, and optics. Brought to you by the world's most beloved and fun-filled laboratory of all, the Exploratorium in San Francisco. Art in Science Museums Apr 05 2021 Art in Science Museums brings together perspectives from different practitioners to reflect on the status and meaning of art programmes in science centres and museums around the world. Presenting a balanced mix of theoretical perspectives, practitioners' reflections, and case-studies, this volume gives voice to a wide range of professionals, from traditional science centres and museums, and from institutions born with the very aim of merging art and science practices. Considering the role of art in the field of science engagement, the book questions whether the arts might help curators to convey complex messages, foster a more open and personal approach to scientific issues, become tools of inclusion, and allow for the production of totally new cultural products. The book also includes a rich collection of projects from all over the world, synthetically presenting cases that reveal very different

approaches to the inclusion of art in science programmes. Art in Science Museums should be of great interest to academics, researchers and postgraduate students working in the fields of museum studies, cultural heritage management, material culture, science communication and contemporary art. It should also be essential reading for museum professionals looking to promote more reflective social science engagement in their institutions.

The San Francisco Exploratorium, Six Pack, Little Celebrations Stage 3b Nov 19 2019

Exploralab Apr 17 2022 Let science blow your mind with the Exploratorium! Take a good look around: The ho-hum spots you inhabit every day are actually secret laboratories full of fascinating and eye-popping wonder—from the instant you wake up to the time you nod off at night! Discover these awe-inspiring scientific playgrounds with Exploralab—the hands-on, action-packed activity guide from the world's most beloved and fun-filled laboratory of all, the Exploratorium in San Francisco. Exploralab contains tons of way-cool tools of inquiry to help kids get in on the science fun, including: • a magnifier • reflective paper • fabric swatches • an erasable whiteboard • textured paper • a spinning disc • polarizing filters • colored acetate sheets • and glow-in-the-dark ink!

The Inquisitive Cook Mar 16 2022 In a light, anecdotal, but highly informative style, seasoned cooking writers reveal the unexpected and always practical science of the kitchen. Covered are such subjects as the amazing alchemy of granules and powders, the astonishing egg, the effects on food of different cooking methods, the

biology and psychology of flavor, the remarkable chemistry of doughs, spices, and much, much more. Amusing anecdotes, sidebars and illustrations en-liven the text. Throughout, there are "cook's queries," quick tips, and even recipes that will delight anyone interested in becoming a more knowledgable cook. Seeing Science Feb 15 2022 From an illustrator for San Francisco's Exploratorium, a visual journey that shows how beautiful science really is. With original illustrations that deftly explain the strange-but-true world of science, Seeing Science offers a curated ride through the great mysteries of the universe. Artist and lay scientist Iris Gottlieb explains among other things: neap tides, naked mole rats, whale falls, the human heart, the Uncertainty Principle, the ten dimensions of string theory, and how glaciers are like Snickers bars. With quirky visual metaphors and concise factual explanations, she offers just the right amount of information to stoke the curious mind with a desire to know more about the life forces that animate both the smallest cell and the biggest black hole. Seeing Science illustrates, explicates, and celebrates the marvels of science as only art can. *Kid's Guide to San Francisco* Oct 11 2021 Before you plan your family's next excursion in San Francisco, California, get some help from a travel professional… and your kids! The Kid's Guide to San Francisco lets the kids help plan the trip and guides you as you explore the city. Inside you'll find kid-tested tips on where to go, where to eat, what to see, and where to get the best souvenirs. Along the way, your kids will be engaged by reading and sharing fun San Francisco facts and cool travel tips. Awesome games and quizzes will keep the family entertained.

The Systems Model of Creativity Dec 21 2019 This first volume of the Collected Works of Mihaly Csikszentmihalyi represents his work on Art and Creativity. Starting with his seminal 1964 study on creativity up to his 2010 publication in Newsweek, the volume spans over four decades of research and writing and clearly shows Csikszentmihalyi's own development as an academic, psychologist, researcher and person. Unconventional and unorthodox in his approach, Csikszentmihalyi chose the topic of creativity as a field of study believing it would help him be a better psychologist and advance his understanding of how to live a better life. The chapters in this volume trace the history of the study of creativity back to the days of Guilford and research on IQ and Jacob Getzels' work on creativity and intelligence. Firmly grounded in that history, yet extending it in new directions, Mihaly Csikszentmihalyi started his life-long study on artistic creativity. His first extensive study at the School of the Art Institute of Chicago enabled him to observe, test and interview fine art students drawing in a studio. The study formed the very basis of all his work on the subject and has resulted in several articles, represented in this volume, on such creativity-related concepts as problem solving versus problem finding, the personality of the artist, the influence of the social context, creativity as a social construction, developmental issues and flow. The main contribution to the topic of creativity and also the main concept explored in this volume, is the Systems Model of Creativity. Seven chapters in this volume discuss the development of this conceptual model and theory.

Beautiful Symmetry Oct 31 2020 A coloring

book that invites readers to explore symmetry and the beauty of math visually. Beautiful Symmetry is a coloring book about math, inviting us to engage with mathematical concepts visually through coloring challenges and visual puzzles. We can explore symmetry and the beauty of mathematics playfully, coloring through ideas usually reserved for advanced courses. The book is for children and adults, for math nerds and math avoiders, for educators, students, and coloring enthusiasts. Through illustration, language that is visual, and words that are jargon-free, the book introduces group theory as the mathematical foundation for discussions of symmetry, covering symmetry groups that include the cyclic groups, frieze groups, and wallpaper groups. The illustrations are drawn by algorithms, following the symmetry rules for each given group. The coloring challenges can be completed and fully realized only on the page; solutions are provided. Online, in a complementary digital edition, the illustrations come to life with animated interactions that show the symmetries that generated them. Traditional math curricula focus on arithmetic and the manipulation of numbers, and may make some learners feel that math is not for them. By offering a more visual and tactile approach, this book shows how math can be for everyone. Combining the playful and the pedagogical, Beautiful Symmetry offers both relaxing entertainment for recreational colorers and a resource for math-curious readers, students, and educators.

Goodnight Lab

Dec 01 2020 In the vein of Goodnight Moon, say "goodnight" to your lab in this picture book parody of a beloved classic. Perfect for

scientists of all ages! It's been a long day at the lab for this scientist. Now it's time to say goodnight! Goodnight laser Goodnight notebook Goodnight picture of Einstein with a stern look While poking fun at the clutter and chaos of lab life, scientists of all ages will appreciate ending their day with this sweet parody. They'll be rested and ready to return to the world of research in the morning! This scientific parody book in the style of Goodnight Moon is a delight for little lab girls and guys. Goodnight Lab is written by Chris Ferrie, author of Quantum Physics for Babies and other books in the Baby University series. Parents and kids both will love the accurate descriptions of all the quirks of grownup laboratories. Readers who love the Lab Girl book or Nerdy Babies will adore this humorous and educational book for kids. This book is the perfect solution if you're looking for science baby gifts and physics gifts for curious kids.

Handheld Usability Feb 21 2020 Offering an overview of usability, testing, and information architecture for EPOC, WAP, PDAs, handhelds, and handsets, this how-to guide dives into the details about medium-specific issues and design strategies. * Discusses designing for the current wireless platforms: cellular phones and PDAs * Covers both stand alone as well as Web-based application design * Contains a case study of a usability test

Math and Science Across Cultures Jun 19 2022 From the creators of the bestselling "The Explorabook" come innovative, hands-on math and science activities of many cultures. With instructions in this book, one can construct a Brazilian carnival instrument, play a peg solitaire game from Madagascar, or count like an Egyptian. Illustrations throughout.

Super 8 Jul 28 2020 In addition to featuring stunning photography documenting the sleek mid-century design of Super 8 cameras and projectors, this edition also offers a detailed history of the beloved medium--one not only embraced by suburban dads, the target audience of the format, but by the art world, punk rockers, and ultimately popular culture.ture.

Exploratorium: The Science of Hockey Jan 02 2021 Presents an online exhibit related to the science of hockey, provided by the Exploratorium, a science museum located in San Francisco, California. Includes information about why ice is slippery, what high-tech materials the players are using, how to slap a puck at 100 miles per hour, how to get in shape and stay in shape for hockey, the mechanics involved in skating, reaction times, and how much energy is generated by a mid-ice collision. Links to the home pages of the Exploratorium and the San Jose Sharks, a hockey team.

Fostering Active Prolonged Engagement Aug 21 2022 A must for exhibit developers, researchers, educators, and other museum professionals looking for ways to engage visitors more deeply with interactive science exhibits, this book documents the exploration and findings of the Exploratorium's Active Prolonged Engagement project, funded by the National Science Foundation. Both a significant contribution to visitor research and a nuts-and-bolts guide to exhibit development, Fostering Active Prolonged Engagement includes 15 APE Tales (exhibit recipes with photos, drawings, and detailed construction specifications); discussions of setting explicit goals for visitors' exhibit experiences; research and evaluation methods

and results; and lessons learned for building constructivist-style exhibits.

The Art of Curiosity Jun 26 2020 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.

Baby Loves Coding! Aug 09 2021 Big, brainy science for the littlest listeners. Accurate enough to satisfy an expert, yet simple enough for baby, this clever board book showcases the use of logic, sequence, and patterns to solve problems. Can Baby think like a coder to fix her train? Beautiful, visually stimulating illustrations complement age-appropriate language to encourage baby's sense of wonder. Parents and caregivers may learn a thing or two, as well! Author's Note: The goal of the Baby Loves Science books is to introduce STEM topics in a developmentally appropriate way. As a precursor to learning programming languages and syntax, Baby Loves Coding presents the concepts of sequencing, problem solving, cause and effect, and thinking step-by-step. Practicing these skills early creates a solid foundation for reading, writing, math and eventually, programming.

The Exploratorium Sep 22 2022 Examines the conceptualization, development, and impact of this San Francisco science museum founded by Frank Oppenheimer (brother and colleague of Robert Oppenheimer).

Both a conceptual analysis of art and perception in the explanation of science, and a history of Oppenheimer's struggle to gain acceptance for his ideas. Annotation copyrighted by Book News, Inc., Portland, OR

Exploratorium : San Francisco's museum of science, art and human perception Feb 27 2023

Progressive Museum Practice Apr 24 2020 Preeminent museum education theorist George E. Hein explores the work, philosophy, and impact of educational reformer John

Dewey and his importance for museums. Hein traces current practice in museum education to Dewey's early 20th-century ideas about education, democracy, and progress toward improving society, and in so doing provides a rare history of museum education as a profession. Giving special attention to the progressive individuals and institutions who followed Dewey in developing the foundations for the experiential learning that is considered best practice today, Hein demonstrates a parallel between contemporary theories about education and socio-political progress and, specifically, the significance of museums for sustaining and advancing a democratic society.

Exploratorium Cookbook I Sep 29 2020 A collection of "recipes" or instructions for projects designed to demonstrate aspects of topics such as the physics of sound and plant behavior.

Seeing: 30 Hands-On Visual Discoveries Mar 24 2020 Why do certain geometric patterns appear to pulsate? What makes your eyes see color where there is none? How do colorful rings appear on a spinning black-and-white disk? These questions and more are answered at the Exploratorium, San Francisco's renowned hands-on science museum. Now readers can bring the experience home through 30 mind-boggling experiments that will wow science geeks of all ages. Seeing comes with almost everything needed to experience the amazing effects--including spinner, reflective sheet, straws, and pipe cleaners--and the tear-out pages make it easy to share the fun with friends!

Exploratopia May 06 2021 Offers young adults an illustrated collection of four hundred kid-friendly explorations and experiments that

take a special look at everyday items, such as eggs and paper clips, to the process for mummifying a hot dog and breaking secret codes.

Black Hole Survival Guide May 26 2020 From the acclaimed author of Black Hole Blues and Other Songs from Outer Space—an authoritative and accessible guide to the most alluring and challenging phenomena of contemporary science. "[Levin will] take you on a safe black hole trip, an exciting travel story enjoyed from your chair's event horizon." —Boston Globe Through her writing, astrophysicist Janna Levin has focused on making the science she studies not just comprehensible but also, and perhaps more important, intriguing to the nonscientist. In this book, she helps us to understand and find delight in the black hole—perhaps the most opaque theoretical construct ever imagined by physicists—illustrated with original artwork by American painter and photographer Lia Halloran. Levin takes us on an evocative exploration of black holes, provoking us to imagine the visceral experience of a black hole encounter. She reveals the influence of black holes as they populate the universe, sculpt galaxies, and even infuse the whole expanse of reality that we inhabit. Lively, engaging, and utterly unique, Black Hole Survival Guide is not just informative—it is, as well, a wonderful read from first to last.

Innocent Experiments Nov 12 2021 From the 1950s to the digital age, Americans have pushed their children to live science-minded lives, cementing scientific discovery and youthful curiosity as inseparable ideals. In this multifaceted work, historian Rebecca Onion examines the rise of informal children's science education in the twentieth century, from the proliferation of

home chemistry sets after World War I to the century-long boom in child-centered science museums. Onion looks at how the United States has increasingly focused its energies over the last century into producing young scientists outside of the classroom. She shows that although Americans profess to believe that success in the sciences is synonymous with good citizenship, this idea is deeply complicated in an era when scientific data is hotly contested and many Americans have a conflicted view of science itself. These contradictions, Onion explains, can be understood by examining the histories of popular science and the development of ideas about American childhood. She shows how the idealized concept of "science" has moved through the public consciousness and how the drive to make child scientists has deeply influenced American culture. Human Body Explorations Dec 13 2021 Explorations that will lead to a better understanding of many of the intriguing and mysterious aspects of the body, both macroscopic and microscopic. *Learning Science in Informal Environments* Sep 10 2021 Informal science is a burgeoning field that operates across a broad range of venues and envisages learning outcomes for individuals, schools, families, and society. The evidence base that describes informal science, its promise, and effects is informed by a range of disciplines and perspectives, including field-based research, visitor studies, and psychological and anthropological studies of learning. Learning Science in Informal Environments draws together disparate literatures, synthesizes the state of knowledge, and articulates a common framework for the next

generation of research on learning science in informal environments across a life span. Contributors include recognized experts in a range of disciplines--research and evaluation, exhibit designers, program developers, and educators. They also have experience in a range of settings--museums, after-school programs, science and technology centers, media enterprises, aquariums, zoos, state parks, and botanical gardens. Learning Science in Informal Environments is an invaluable guide for program and exhibit designers, evaluators, staff of science-rich informal learning institutions and community-based organizations, scientists interested in educational outreach, federal science agency education staff, and K-12 science educators.

My First Human Body Book Jan 22 2020 Here's the most entertaining way for children to get a good look at the human body and learn how bodies work: 28 fun and instructive, ready-to-color illustrations. Coordinating text explores the muscular, skeletal, nervous, digestive, respiratory, and immune systems, and answers such questions as What is a hiccup? and Where is my DNA?

The Art of Tinkering Jan 26 2023 Some of the most creative artists from today's maker scene discuss their process, workspaces and more in this inspiring guide to tinkering. The Art of Tinkering is an unprecedented celebration of what it means to tinker: to take things apart, explore tools and materials, and build wondrous, wild art that's part science, part technology, and entirely creative. Join 150+ makers as they share the stories behind their beautiful and bold work—then do some tinkering yourself! This collection of exhibits, artwork, and projects explores a whole

new way to learn, in which people expand their knowledge through making and doing, working with readily available materials, getting their hands dirty, collaborating with others, and problem-solving in the most fun sense of the word. Each artist featured in The Art of Tinkering shares their process and the backstory behind their work. Whether it’s dicussing their favorite tools (who knew toenail clippers could be so handy?) or offering a glimpse of their workspaces (you’d be amazed how many electronics tools you can pack into a pantry!), the stories, lessons, and tips in The Art of Tinkering offer a fascinating portrait of today’s maker scene. Artists include: Scott Weaver, Arthur Ganson, Moxie, Tim Hunkin, AnnMarie Thomas, Ranjit Bhatnajar and Jie Qi.

Exploratorium: The Memory Exhibition Jul 08 2021 The Exploratorium, located in San Francisco, California, features an online supplement to an exhibition about memory. The exhibition focuses on the personal, social, cultural, psychological, and neurological perspectives of memory. The Exploratorium includes articles, lectures, and highlights a dissection of a sheep's brain.

Explorabook Jun 07 2021 Includes activities in magnetism, light wave craziness, optical illusions, hair dryer science, and bacterial stories.

The Exploratorium Science Snackbook Dec 25 2022 Kids and teachers can build their own science projects based on exhibits from San Francisco's premiere science museum This revised and updated edition offers instructions for building junior versions, or "snacks," of the famed Exploratorium's exhibits. The snacks, designed by science teachers, can be used as demonstrations,

labs, or as student science projects and all 100 projects are easy to build from common materials. The Exploratorium, a renowned hands-on science museum founded by physicist and educator Frank Oppenheimer, is noted for its interactive exhibits that richly illustrate scientific concepts and stimulate learning. Offers a step-by-step guide for building dynamic science projects and exhibits Includes tips for creating projects made from easy-to-assembly items Thoroughly revised and updated, including new "snacks," images, and references

The Science Explorer Oct 23 2022 Instructions for more than one hundred hands-on experiments, activities, and tricks provide young readers with a fascinating, interactive introduction to the world of scientific exploration. Original.

Abcs of Space Feb 03 2021 This alphabetical installment of the Baby University series is the perfect introduction for even the youngest astronomers! The ABCs of Space is a colorfully simple introduction for babies--and grownups--to a new astronomical concept for every letter of the alphabet. Written by an expert, each page in this mathematical primer features multiple levels of text so the book grows along with your little mathematician. Also in the Baby University Series: ABCs of Science ABCs of Physics Astrophysics for Babies Baby University: It only takes a small spark to ignite a child's mind.

Here Mar 04 2021 Essays, reflections, images, drawings and other forms of documentation related to Fujiko Nakaya's site specific art installation - Over the Water - at the Exploratorium museum in San Francisco, CA in 2013. This work addresses the unique weather phenomena of fog,

and Nakaya's place in contemporary art history.

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