

## Cool Architecture Filled With Fantastic Facts For Kids Of All Ages Cool Kids

The metropolis of the future — as perceived by architect Hugh Ferriss in 1929 — was both generous and prophetic in vision. This illustrated essay on the modern city and its future features 59 illustrations.

This innovative book is the first to provide a fun, interactive way to learn about architecture. Filled with an array of beautiful and elegant drawings, it poses all manner of architectural challenges for the user: from designing your own skyscraper, to drawing an island house or creating a Constructivist monument, plus many others more. Aimed at anyone who loves drawing buildings, it encourages the user to imagine their own creative solutions by sketching, drawing and painting in the pages of the book. In so doing, they will learn about a whole range of significant architectural issues, such as the importance of site and materials, how to furnish a space, how to read plans, how to create sustainable cities and so on. The book also includes numerous examples of works and ideas by major architects to draw inspiration from and will appeal to everyone from children to students to architects. Chronicles the history of architecture through the styles and movements throughout the centuries and around the world, including famous buildings and well-known architects such as Frank Gehry and Zaha Hadid.

Everything is getting more complex. It is easy to be overwhelmed by the amount of information we encounter each day. Whether at work, at school, or in our personal endeavors, there's a deepening (and inescapable) need for people to work with and understand information. Information architecture is the way that we arrange the parts of something to make it understandable as a whole. When we make things for others to use, the architecture of information that we choose greatly affects our ability to deliver our intended message to our users. We all face messes made of information and people. I define the word “mess” the same way that most dictionaries do: “A situation where the interactions between people and information are confusing or full of difficulties.” — Who doesn't bump up against messes made of information and people every day? This book provides a seven step process for making sense of any mess. Each chapter contains a set of lessons as well as workbook exercises architected to help you to work through your own mess.

A detailed account of the construction of the Brooklyn Bridge providing background on its engineering history as well as the political and social climate of the late-nineteenth century. Reissue. 10,000 first printing.

How can architectural form respond to the unique needs of children and support and reinforce the pedagogy of a children's centre? So much of the teaching in Early Learning revolves around the importance of a child's environment on their development. Over the last 100 years, many divergent philosophies have evolved with a wide breadth and depth of thinking and with an equally wide range of architectural responses. Children are a unique client with heightened sensory needs, special scale considerations and a totally different way of moving through and perceiving space to adults. The different educational programs and the consequent needs of the staff also impact on the architectural outcome and on how children's needs are managed.

In an era of brash, expensive, provocative new buildings, a prominent critic argues that emotions—such as hope, power, sex, and

our changing relationship to the idea of home—are the most powerful force behind architecture, yesterday and (especially) today. We are living in the most dramatic period in architectural history in more than half a century: a time when cityscapes are being redrawn on a yearly basis, architects are testing the very idea of what a building is, and whole cities are being invented overnight in exotic locales or here in the United States. Now, in a bold and wide-ranging new work, Rowan Moore—former director of the Architecture Foundation, now the architecture critic for *The Observer*—explores the reasons behind these changes in our built environment, and how they in turn are changing the way we live in the world. Taking as his starting point dramatic examples such as the High Line in New York City and the outrageous island experiment of Dubai, Moore then reaches far and wide: back in time to explore the Covent Garden brothels of eighteenth-century London and the fetishistic minimalism of Adolf Loos; across the world to assess a software magnate's grandiose mansion in Atlanta and Daniel Libeskind's failed design for the World Trade Center site; and finally to the deeply naturalistic work of Lina Bo Bardi, whom he celebrates as the most underrated architect of the modern era.

Presents an epic history that covers the period from the end of World War I through the 1970s, chronicling the decades-long migration of African Americans from the South to the North and West through the stories of three individuals and their families.

Cool Art50 Fantastic Facts for Kids of All Ages Rizzoli Publications

For more than forty years Jan Gehl has helped to transform urban environments around the world based on his research into the ways people actually use—or could use—the spaces where they live and work. In this revolutionary book, Gehl presents his latest work creating (or recreating) cityscapes on a human scale. He clearly explains the methods and tools he uses to reconfigure unworkable cityscapes into the landscapes he believes they should be: cities for people. Taking into account changing demographics and changing lifestyles, Gehl emphasizes four human issues that he sees as essential to successful city planning. He explains how to develop cities that are Lively, Safe, Sustainable, and Healthy. Focusing on these issues leads Gehl to think of even the largest city on a very small scale. For Gehl, the urban landscape must be considered through the five human senses and experienced at the speed of walking rather than at the speed of riding in a car or bus or train. This small-scale view, he argues, is too frequently neglected in contemporary projects. In a final chapter, Gehl makes a plea for city planning on a human scale in the fast-growing cities of developing countries. A “Toolbox,” presenting key principles, overviews of methods, and keyword lists, concludes the book. The book is extensively illustrated with over 700 photos and drawings of examples from Gehl's work around the globe.

-Features an autobiographical account of Connecticut-based architect Mark P. Finlay's heritage and historic overview of his 30-year design practice -Provides compelling and intimate illuminations of Finlay's process on 12 beautifully designed country residences -Showcases how Finlay navigates both environmental and historic contexts, as well as his respect for tradition and deep knowledge of classical American architecture -Detailed descriptions delve into how Finlay designs

"from the inside out," which involves also getting inside his clients' heads to give physical form to their intangible desires, turning their hopes and dreams into granite blocks and limestone coping, cedar shakes and plaster molding -Includes stunning full-color photographs, and detailed sketches, diagrams, and plans What sort of home would you create for yourself if you could build whatever you wanted - if money, as they say, were no object? Over the course of his firm's 30-year history, American architect Mark P. Finlay has been in the rare, privileged position of helping clients answer that very question. Designing dream homes for some of America's wealthiest and most sophisticated families - people not only of great means but of tremendous taste - Finlay creates properties that manage to find intimacy in even the grandest of spaces and grandeur in their intimate moments. Even in his luxurious residences, a certain subtle elegance and graceful simplicity reign. Finlay works in the United States' most storied pastoral locations - coastal New England, Virginia horse country, the Rocky Mountains, the South Carolina lowlands - making homes that lay lightly on the land no matter their size. Whether historic restorations or ground-up constructions, his attention to detail and focus on fine craftsmanship make the buildings look and feel as if they've lived on their sites for centuries. An absolute must for readers designing their own dream homes - and anyone who has ever indulged in the guilty pleasure of trying to get a glimpse of a hidden estate by peering through tall privets or over picket fences - this monograph grants exclusive access past the stone walls and beyond the guardhouses of affluent communities across the country. It invites readers into the manicured gardens and perfectly proportioned spaces of his clients' houses to tell the stories of these properties, illustrating Finlay's particular passion for creating residences that not only telegraph a distinct sense of place but also convey a unique appreciation of, and understanding for, their owners' aspirations.

You can use this book to design a house for yourself with your family; you can use it to work with your neighbors to improve your town and neighborhood; you can use it to design an office, or a workshop, or a public building. And you can use it to guide you in the actual process of construction. After a ten-year silence, Christopher Alexander and his colleagues at the Center for Environmental Structure are now publishing a major statement in the form of three books which will, in their words, "lay the basis for an entirely new approach to architecture, building and planning, which will we hope replace existing ideas and practices entirely." The three books are *The Timeless Way of Building*, *The Oregon Experiment*, and this book, *A Pattern Language*. At the core of these books is the idea that people should design for themselves their own houses, streets, and communities. This idea may be radical (it implies a radical transformation of the architectural profession) but it comes simply from the observation that most of the wonderful places of the world were not made by architects but by the people. At the core of the books, too, is the point that in designing their environments people always rely on certain "languages," which, like the languages we speak, allow them to articulate and

communicate an infinite variety of designs within a forma system which gives them coherence. This book provides a language of this kind. It will enable a person to make a design for almost any kind of building, or any part of the built environment. "Patterns," the units of this language, are answers to design problems (How high should a window sill be? How many stories should a building have? How much space in a neighborhood should be devoted to grass and trees?). More than 250 of the patterns in this pattern language are given: each consists of a problem statement, a discussion of the problem with an illustration, and a solution. As the authors say in their introduction, many of the patterns are archetypal, so deeply rooted in the nature of things that it seems likely that they will be a part of human nature, and human action, as much in five hundred years as they are today.

Architecture for Kids 2 is a book that shows an evolution in form and content. In Architecture for Kids 1, I used pictures instead of words to make learning easy and to help you exercise your brain's ability to remember things. Architecture for Kids 2 was designed around the idea of design thinking. As explained in Architecture for Kids 1, design thinking helps architects to design with empathy -- that is, to find out how the design is to be used. If you have empathy with another person that means you can think the same way they do. It is empathy that helps architects understand what their clients need, and to remember that every part of a project has an impact on someone. Architecture is an art and a discipline that helps you transform your creativity and ideas into something real. This book is for you, future architect, or designer. If you decide to follow the architecture path, I can guarantee you that it is going to be an amazing journey!

"Green buildings" that slash energy use and carbon emissions are all the rage, but they aren't enough. The hidden culprit is embodied carbon—the carbon emitted when materials are mined, manufactured, and transported—comprising some ten percent of global emissions. With the built environment doubling by 2030, buildings are a carbon juggernaut threatening to overwhelm the climate. It doesn't have to be this way. Like never before in history, buildings can become part of the climate solution. With biomimicry and innovation, we can pull huge amounts of carbon out of the atmosphere and lock it up as walls, roofs, foundations, and insulation. We can literally make buildings out of the sky with a massive positive impact. The New Carbon Architecture is a paradigm-shifting tour of the innovations in architecture and construction that are making this happen. Office towers built from advanced wood products; affordable, low-carbon concrete alternatives; plastic cleaned from the oceans and turned into building blocks. We can even grow insulation from mycelium. A tour de force by the leaders in the field, The New Carbon Architecture will fire the imagination of architects, engineers, builders, policy makers, and everyone else captivated by the possibility of architecture to heal the climate and produce safer, healthier, and more beautiful buildings. Bruce King, a structural engineer for thirty-five years, is Founder and Director of the Ecological Building Network (EBNet) and author of Buildings of Earth and Straw, Making Better

Concrete, and Design of Straw Bale Buildings. He lives in San Rafael, California.

Mark Mills was a visionary architect, a Frank Lloyd Wright apprentice whose innovative designs grow beyond Wright's work to uniquely blend structural principles and the organic forms of seashells. When he heard Wright say that seashells are Nature's perfect architecture, Mark made that idea the foundation of his life's work. As seashells change their forms to meet the needs of their inhabitants, so Mark adapted structural roof systems to shelter his clients, and he made them spectacularly beautiful. If the sky is Nature's umbrella above us, Mills's ceilings were the umbrella over his clients' lives in their homes. The ceiling revealed the skeleton of the building, exposed, visible from every part of the interior, since the interior walls were partitions that did not interrupt the view of the ceiling system. He used to joke (joking but not kidding) that he put so much thought and care into his roofs because the clients couldn't hang their knick-knacks on it and wreck its design. From any place within Mark's houses, there is a sense of being under the entire shell of the roof. We may be in the living room, but we are also in the entire house at all times. They are, for him, shells for humans. THE FANTASTIC SEASHELL OF THE MIND is thoughtfully illustrated and brings together Mark Mills's own thinking behind his houses along with the insights of his wife, colleagues, and original clients and owners of Mark Mills houses. It is written to appeal to both architects and a general readership.

Design Genius Jr.: Adventures in Architecture for Kids uses design thinking to teach kids how buildings are built.

This is the eagerly-anticipated revision to one of the seminal books in the field of software architecture which clearly defines and explains the topic.

A new addition to Mudpuppy's successful "I Heart" Activity Book series, I Heart Architecture with Frank Lloyd Wright Activity Book is an exciting collaboration with the Frank Lloyd Wright Foundation. This 64 page activity book is filled with guided activities based on Frank Lloyd Wright's buildings, window designs, furniture, and more. Draw, color, and design works of your very own! - 64 full-color pages - Trim: 7 x 8.75" (17.8 x 22 cm) - Ages 6+

A practical introduction to architecture for aspiring teen architects Architecture is a fascinating, diverse field that blends technology, creativity, engineering, and even psychology. Discover the possibilities with this in-depth choice in architecture books for teens. Delve into the world of architecture, learn about recent innovations in sustainability and inclusivity, and uncover the details behind real architectural projects. Explore an overview of architectural movements and designers from prehistory to modern-day, and check out inspiring interviews with working professionals. With tons of practical advice for pursuing a career, you'll find out how you can become an architect and help build an environmentally responsible world from the ground up! Go beyond other architecture books for teens with: Architecture essentials--Get to know the five basic elements of architecture: structure, program, economics, aesthetics, and region. Creative career options--Learn what it means to work in residential or industrial architecture, specialize in historic preservation, create landscapes, innovate in urban planning, and more. Real-world examples--Go behind the

scenes on real architectural projects with colorful illustrations, breakdowns of the design process, and thoughtful examinations of their impact. Learn all about the role of an architect with this comprehensive selection in architecture books for teens.

At the time of his death in 1926, Antoni Gaudí was arguably the most famous architect in the world. He had created some of the greatest and most controversial masterpieces of modern architecture, which were as exotic as they were outrageous. But little is known about the shadowy figure behind the swirling, vivid buildings that inspired the Surrealists. This masterful biography brings both man and architect powerfully to life against the changing backdrop of Barcelona and Catalonia. Gijs van Hensbergen leads us through the design and construction of Gaudí's most significant buildings -- revealing their innovation and complexity, and demonstrating the growing relevance of Gaudí's architecture today.

Welcome to Cool Art! This fact-tastic book is packed with reasons why art is cooler than you'd ever imagine. Learn why the Mona Lisa has no eyebrows, which artist liked to throw artichokes around, and how to paint like Monet. Discover exactly how strange the Surrealists were, how Duchamp made art out of plumbing, and how art can truly change your life. From Caravaggio to Banksy, the Renaissance to Minimalism, explore the ideas, meaning and techniques behind the world's masterpieces, with a hefty dose of fun along the way. Much more than a basic history of art, this fascinating book will teach you how colour works, how to have a profound experience in an art gallery, and where to see the best art in the world. Packed with intriguing and playful images, Cool Art is the ideal gift for all ages - not only will it engage young people in creative ideas, it will provide a feast of useful facts for adults to impress their friends with at dinner parties.

A magnificent photographic compilation of New York City's best new architecture, this book features projects by leading firms working today. From Bjarke Ingels Group's VIA West 57 to SHoP Architects' Barclays Center, and from Diller Scofidio + Renfro's High Line to SOM's One World Trade Center, New York City has been home to some of this century's most exciting new architecture. Profiling more than fifty projects that are shaping the city's streets and skylines, this book features color photographs of each building and a brief, informative text about its significance. Renzo Piano Building Workshop, Ateliers Jean Nouvel, Foster + Partners, Selldorf Architects, Gehry Partners, and Adjaye Associates are just some of the firms that have recently completed projects in New York City. Visitors to the city as well as its denizens will find this book an exhilarating guide, while fans of architecture will gain an even greater appreciation of the city's unprecedented development in the past fifteen years by the world's best architects.

Take your creations to the next level with The LEGO Architecture Idea Book! These clever building tips will give you endless inspiration for making your own amazing mansions, castles, houses, spooky shacks, and more. Every chapter includes ideas for creating architectural elements like columns, doors, windows, and walls. But rather than providing step-by-step instructions, the book includes helpful photography from every angle that shows you how to achieve the look, adapt it to your build, and make it your own. Learn how to: - Build amazing walls that break the mold, with brick-and-mortar effects, weathered walls, and loose bricks - Recreate structural effects like timber framing, soaring towers and turrets, shingled roofs, clapboard siding, and more -

Elevate your models with “stained glass”, intricate color patterns, and tumble-down wear-and-tear - Use pieces like croissants, snakes, and goblets to make unique architectural ornamentation Bursting with clever ideas, The LEGO Architecture Idea Book will show you how to turn your buildings into impressive, realistic structures.

Learning a new discipline is similar to learning a new language; in order to master the foundation of architecture, you must first master the basic building blocks of its language – the definitions, function, and usage. Language of Architecture provides students and professional architects with the basic elements of architectural design, divided into twenty-six easy-to-comprehend chapters. This visual reference includes an introductory, historical view of the elements, as well as an overview of how these elements can and have been used across multiple design disciplines. Whether you’re new to the field or have been an architect for years, you’ll want to flip through the pages of this book throughout your career and use it as the go-to reference for inspiration, ideas, and reminders of how a strong knowledge of the basics allows for meaningful, memorable, and beautiful fashions that extend beyond trends. This comprehensive learning tool is the one book you’ll want as a staple in your library.

Build up, down, and even sideways From the first huts built of mud or animal skins to the world's tallest skyscrapers, this fun, fact-filled Smithsonian activity book looks at how people have constructed homes, temples, castles, public arenas, and all kinds of other buildings. Includes a colorful sticker page of architectural elements that let you "build your own."

Filled with colourful architectural drawings and engaging texts, this history of architecture for children is a great way to introduce young readers to the subject. Children will be utterly absorbed by this journey through the history of architecture, from the earliest mud huts to today's soaring towers. Ages 10+.

Although race--a concept of human difference that establishes hierarchies of power and domination--has played a critical role in the development of modern architectural discourse and practice since the Enlightenment, its influence on the discipline remains largely underexplored. This volume offers a welcome and long-awaited intervention for the field by shining a spotlight on constructions of race and their impact on architecture and theory in Europe and North America and across various global contexts since the eighteenth century. Challenging us to write race back into architectural history, contributors confront how racial thinking has intimately shaped some of the key concepts of modern architecture and culture over time, including freedom, revolution, character, national and indigenous style, progress, hybridity, climate, representation, and radicalism. By analyzing how architecture has intersected with histories of slavery, colonialism, and inequality--from eighteenth-century neoclassical governmental buildings to present-day housing projects for immigrants--Race and Modern Architecture challenges, complicates, and revises the standard association of modern architecture with a universal project of emancipation and progress.

A stunning exploration of the beauty and drama of 150 black structures built by the world's leading architects over 1,000 years. A visually rich book, Black: Architecture in Monochrome casts a new eye on the beauty - and the drama - of black in the built world. Spotlighting more than 150 structures from the last 1,000 years, Black pairs engaging text with fascinating photographs of houses,

churches, libraries, skyscrapers, and other buildings from some of the world's leading architects, including Mies van der Rohe, Philip Johnson, and Eero Saarinen, David Adjaye, Jean Nouvel, Peter Marino, and Steven Holl.

The surprising ways nature has influenced architecture. It may come as a surprise to learn that architects have found solutions to all kinds of design challenges in nature! Some have looked to nature to solve a structural problem, like creating an earthquake-proof bridge by mimicking the extremely long roots of a special type of grass. Others have turned to nature for artistic inspiration, designing buildings and bridges that evoke the movement of swimming fish or a bird in flight. When it comes to style and structure, nature and architecture make perfect partners! From cactuses to birds' wings, termite towers to honeycombs, inspiration for ingenious design is everywhere around us!

This is a colourful survey that explores the diverse styles of the arbiters of modernism in Florida. As the offspring of modernism's founders, Alfonso, Gonzalez, Oppenheim and Peterson have embraced the movement and imbued it with their own flair, producing an array of architectural styles and statements in Florida today. This book explores each architect's repertoire, examines their collective bond to modernist traditions, and uncovers their unique design approaches.

The book that inspired the Academy Award-winning short film, from New York Times bestselling author and beloved visionary William Joyce. Morris Lessmore loved words. He loved stories. He loved books. But every story has its upsets. Everything in Morris Lessmore's life, including his own story, is scattered to the winds. But the power of story will save the day. Stunningly brought to life by William Joyce, one of the preeminent creators in children's literature, *The Fantastic Flying Books of Mr. Morris Lessmore* is a modern masterpiece, showing that in today's world of traditional books, eBooks, and apps, it's story that we truly celebrate—and this story, no matter how you tell it, begs to be read again and again.

Pioneering manifesto by founder of "International School." Technical and aesthetic theories, views of industry, economics, relation of form to function, "mass-production split," and much more. Profusely illustrated.

A truly inclusive celebration of architecture around the world and across the ages.

For children with a passion for drawing, or dreams of creating buildings, this book explores how architects really work, taking the young reader through the entire process for planning and designing a house. Learn about an architect's four main drawings: the Site Plan, Floor Plan, Section, and Elevation—including the concept of drawing each plan to scale. Aspiring architects discover design techniques, along with different, exciting architectural styles used today. All of this is brought to life in freehand, pen-and-ink architectural drawings that will inspire children to apply these lessons to their own designs. This book is the perfect introduction to architecture, revealing why buildings look and function as they do. While this creative book is ideal for the middle grades, ages 9-12, even adults will find it inspiring.

In this eagerly awaited follow-up to the international bestseller *Fantastic Cities*, artist Steve McDonald uses his unique large-format approach working from actual photographs to create beautifully detailed line drawings of amazing buildings and other structures from around the world. The globe-trotting selection includes buildings from six continents—including Prague's Astronomical Clock,

Russia's St. Basil's Cathedral, a Florentine bridge, a Romanian castle, an Indian palace, and many dozens more—alongside fun-to-color details from iconic structures such as the Eiffel Tower, the London Bridge, and the Chrysler Building. The crisp white pages are conducive to a range of applications, and a middle margin keeps all the artwork fully colorable. A dozen imaginative architectural mandala illustrations round out this gorgeous adult coloring book.

An engaging introduction to buildings, with a deft mix of nonfiction and fiction elements.

The founder of Architizer.com and practicing architect draws on his unique position at the crossroads of architecture and social media to highlight 100 important buildings that embody the future of architecture. We're asking more of architecture than ever before; the response will define our future. A pavilion made from paper. A building that eats smog. An inflatable concert hall. A research lab that can walk through snow. We're entering a new age in architecture—one where we expect our buildings to deliver far more than just shelter. We want buildings that inspire us while helping the environment; buildings that delight our senses while serving the needs of a community; buildings made possible both by new technology and repurposed materials. Like an architectural cabinet of wonders, this book collects the most innovative buildings of today and tomorrow. The buildings hail from all seven continents (to say nothing of other planets), offering a truly global perspective on what lies ahead. Each page captures the soaring confidence, the thoughtful intelligence, the space-age wonder, and at times the sheer whimsy of the world's most inspired buildings—and the questions they provoke: Can a building breathe? Can a skyscraper be built in a day? Can we 3D-print a house? Can we live on the moon? Filled with gorgeous imagery and witty insight, this book is an essential and delightful guide to the future being built around us—a future that matters more, and to more of us, than ever.

A hilarious, irreverent book about doing your own thing Meet Iggy Peck—creative, independent, and not afraid to express himself! In the spirit of David Shannon's No, David and Rosemary Wells's Noisy Nora, Iggy Peck will delight readers looking for irreverent, inspired fun. Iggy has one passion: building. His parents are proud of his fabulous creations, though they're sometimes surprised by his materials—who could forget the tower he built of dirty diapers? When his second-grade teacher declares her dislike of architecture, Iggy faces a challenge. He loves building too much to give it up! With Andrea Beaty's irresistible rhyming text and David Roberts's puckish illustrations, this book will charm creative kids everywhere, and amuse their sometimes bewildered parents. Also from the powerhouse author-illustrator team of Iggy Peck, Architect, is Rosie Revere, Engineer, a charming, witty picture book about believing in yourself and pursuing your passion. Ada Twist, Scientist, the companion picture book featuring the next kid from Iggy Peck's class, is available in September 2016.

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