

Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Featuring over 200 photographs, this stunning book by renowned television historian Dan Cruickshank tells the history of architecture through the stories of 100 iconic buildings

Of all building types, the skyscraper strikes observers as the most modern, in terms not only of height but also of boldness, scale, ingenuity, and daring. As a phenomenon born

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

in late nineteenth-century America, it quickly became emblematic of New York, Chicago, and other major cities. Previous studies of these structures have tended to foreground examples of more evincing modernist approaches, while those with styles reminiscent of the great Gothic cathedrals of Europe were initially disparaged as being antimodernist or were simply unacknowledged. *Skyscraper Gothic* brings together a group of renowned scholars to address the medievalist skyscraper—from flying buttresses to dizzying spires; from the Chicago Tribune Tower to the Woolworth Building in Manhattan. Drawing on archival evidence and period texts to uncover the ways in which patrons and architects came to understand the Gothic as a historic style, the authors explore what the appearance of Gothic forms on radically new buildings meant urbanistically, architecturally, and socially, not only for those who were involved in the actual conceptualization and execution of the projects but also for the critics and the general public who saw the buildings take shape. Contributors: Lisa Reilly on the Gothic skyscraper ? Kevin Murphy on the Trinity and U.S. Realty Buildings ? Gail Fenske on the Woolworth Building ? Joanna Merwood-Salisbury on the Chicago School ? Katherine M. Solomonson on the Tribune Tower ? Carrie Albee on Atlanta City Hall ? Anke Koeth on the Cathedral of Learning ? Christine G. O'Malley on the American Radiator Building

Imagine you woke up one morning to find everything created by engineers had disappeared. What would you see? No cars, no houses; no phones, bridges or roads.

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

No tunnels under tidal rivers, no soaring skyscrapers. The impact that engineering has had on the human experience is undeniable, but it is also often invisible. In *BUILT*, structural engineer Roma Agrawal takes a unique look at how construction has evolved from the mud huts of our ancestors to skyscrapers of steel that reach hundreds of metres into the sky. She unearths how engineers have tunnelled through kilometres of solid mountains; how they've bridged across the widest and deepest of rivers, and tamed Nature's precious – and elusive – water resources. She tells vivid tales of the visionaries who created the groundbreaking materials in the Pantheon's record-holding concrete dome and the frame of the record-breaking Eiffel Tower. Through the lens of an engineer, Roma examines tragedies like the collapse of the Quebec Bridge, highlighting the precarious task of ensuring people's safety they hold at every step. With colourful stories of her life-long fascination with buildings – and her own hand-drawn illustrations – Roma reveals the extraordinary secret lives of structures. This publication is the follow-up to the highly acclaimed book *eVolo Skyscrapers*. 150 new skyscrapers submitted to the *eVolo Skyscraper Competition* are categorized and examined. These super-tall structures take into consideration the advances in technology, the exploration of sustainable systems, and the establishment of new urban and architectural methods to solve economic, social, and cultural problems of the contemporary city; including the scarcity of natural resources and infrastructure and the exponential increase of inhabitants, pollution, economic division, and unplanned urban

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

sprawl.

Leave no brick unturned in John Kerschbaum's Science Comics: Skyscrapers, the latest volume in First Second's action-packed nonfiction graphic novel series for middle-grade readers! Every volume of Science Comics offers a complete introduction to a particular topic—dinosaurs, the solar system, volcanoes, bats, robots, and more. These gorgeously illustrated graphic novels offer wildly entertaining views of their subjects. Whether you're a fourth grader doing a natural science unit at school or a thirty-year-old with a secret passion for airplanes, these books are for you! In this volume, join a pair of superheroes as they uncover the secrets of skyscrapers, from the great Egyptians pyramids to the world's tallest building. Read along and learn how skyscrapers are a bold combination of applied physics, ingenuity, and a lot of hard work!

This illustrated survey of the Chicago skyscraper traces the history of the Chicago School buildings that influenced generations of architects worldwide. Beginning with the S.S. Berman Fine Arts Building of 1885 and its neighbor, the Adler and Sullivan Auditorium of 1889, the authors discuss 110 extant buildings dating from 1885 through 1989, concluding with a series of contemporary, modernist skyscrapers by the "new" generation of Chicago architects. Fifty of the 400 illustrations are in color. Annotation copyrighted by Book News, Inc., Portland, OR

The invention of the New York skyscraper is one of the most fascinating developments in the history of architecture. This authoritative book chronicles the history of New

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

York's first skyscrapers, challenging conventional wisdom that it was in Chicago and not New York that the skyscraper was born. 206 illustrations.

This wonderfully illustrated and captivating introduction to the wonders of architecture will have young readers poring over each spread and learning as they go. From the top of China's Great Wall to the base of the Pyramids of Giza and the Sphinx, this journey through the world of architecture stops in nearly every continent and travels through centuries. Annabelle von Sperber populates her dynamic and intricate double-page spreads with many details and a hidden architect or important figure on every page that kids will have fun trying to locate. Along the way they'll learn about the iron workers who built the Empire State building, how many bulbs it takes to light the Eiffel Tower, where the royal jewels are kept at the Tower of London, and why there is so much red and yellow in Beijing's Forbidden City. Young readers will find themselves fully immersed in this large format book while learning about the incredible architectural wonders that continue to amaze us today.

Explores key types of skyscrapers throughout the world, discussing materials and construction technologies as well as the functions and locations of important skyscrapers.

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

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

the earliest mud huts to today's soaring towers. Ages 10+.

Provides a brief overview of how, and why, skyscrapers are built, highlighting some of the world's tallest buildings.

“Hurley’s book is as sleek and modern as its subject.” –Booklist “Kids will leave with a solid foundation about the immensity of large-scale construction.” —Kirkus Reviews “A sophisticated vehicle primer with detailed construction vocabulary.” —Publishers Weekly Acclaimed picture book creator Jorey Hurley whose work has been called “stunning” and “dramatic” tells the story perfect for the youngest reader of all the different and mighty trucks it takes to build a city skyscraper! What once was a vacant lot, watch as truck by truck, a towering skyscraper is built in this beautifully illustrated picture book about trucks and construction. This beautiful picture book includes a glossary of fourteen truck images and their names.

The Manhattan skyline is one of the great wonders of the modern world. But how and why did it form? Much has been written about the city's architecture and its general history, but little work has explored the economic forces that created the skyline. In *Building the Skyline*, Jason Barr chronicles the economic history of the Manhattan skyline. In the process, he debunks some widely held misconceptions about the city's history. Starting with Manhattan's natural and geological history, Barr moves on to how these formations influenced early land use and the development of neighborhoods, including the dense tenement neighborhoods of Five Points and the Lower East Side,

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

and how these early decisions eventually impacted the location of skyscrapers built during the Skyscraper Revolution at the end of the 19th century. Barr then explores the economic history of skyscrapers and the skyline, investigating the reasons for their heights, frequencies, locations, and shapes. He discusses why skyscrapers emerged downtown and why they appeared three miles to the north in midtown-but not in between the two areas. Contrary to popular belief, this was not due to the depths of Manhattan's bedrock, nor the presence of Grand Central Station. Rather, midtown's emergence was a response to the economic and demographic forces that were taking place north of 14th Street after the Civil War. *Building the Skyline* also presents the first rigorous investigation of the causes of the building boom during the Roaring Twenties. Contrary to conventional wisdom, the boom was largely a rational response to the economic growth of the nation and city. The last chapter investigates the value of Manhattan Island and the relationship between skyscrapers and land prices. Finally, an Epilogue offers policy recommendations for a resilient and robust future skyline. A highly interdisciplinary work, *The Black Skyscraper* reclaims the influence of race on modern architectural design as well as the less-well-understood effects these designs had on the experience and perception of race.

What do you picture when you think of New York City? For most, it is the city's distinctive skyline, made famous by countless movies and photographs. Everyone in Manhattan, whether first-time visitor or longtime resident, experiences the awe of

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

gazing up at the soaring stone, steel, and glass towers of Wall Street or Midtown, and wonders how those structures came to be built. First published in 1999, *Manhattan Skyscrapers* was the first book to document the most important peaks in the city's concrete canyons. From the earliest skyscrapers built in the city—such as the 1896 American Tract Society Building—to the most well known, including the Woolworth, Empire State, and Chrysler buildings, the book has become the definitive reference work on the Big Apple's skyline. Now available in a revised third edition, *Manhattan Skyscrapers* presents more than a century's worth of New York's most fascinating and important buildings. Each skyscraper is presented with informative and entertaining texts by New York Times contributor Eric Nash, a striking full-page photograph by architectural photographer Norman McGrath, archival images, interior views, and architectural drawings. In addition to the eighty-five buildings documented in previous versions of the book, *Manhattan Skyscrapers* showcases eight of the most exciting new skyscrapers built in the past few years. These wonderfully diverse additions to the city—the New York Times Building by Renzo Piano, the Standard Hotel by Polshek Partnership Architects, 7 World Trade Center by SOM, the Blue Tower by Bernard Tschumi, Bank of America Tower by Cook + Fox, 11 Times Square by FXFOWLE, 200 West Street by Pei Cobb Freed & Partners, and 425 Fifth Avenue by Michael Graves—give an indication of how the city continues to evolve in the twenty-first century. *Manhattan Skyscrapers* is an indispensable book for both the serious student of

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

architecture and the casual collector of all things New York.

As the tallest buildings on Earth, skyscrapers tower over cities! These massive buildings house offices, shops, and apartments in cities around the world. This title introduces readers to the building methods, materials, and science that lets these towers climb high into the sky.

D'Eramo presents an invigorating history that transforms the way we think about the city and the development of American capitalism.

Who Built That? Modern Houses takes readers on a fun-filled tour through ten of the most important houses by the greatest architects of the twentieth and twenty-first centuries.

Beginning with a brief biographical sketch of each architect, illustrator Didier Cornille uses a light touch to depict the various stages of construction, paying special attention to key design innovations and signature details. Cornille's charming drawings and accessible text unlock the secrets of modern classic houses, ranging from Le Corbusier's Villa Savoye (1931) and Frank Lloyd Wright's Fallingwater (1939) to Shigeru Ban's Cardboard House (1995) and Rem Koolhaas's Bordeaux House (1998). Readers of all ages will delight in this colorful introduction to modern architecture's most extraordinary homes.

This history of skyscrapers examines how these tall buildings affected the cityscape and the people who worked in, lived in, and visited them. Much of the focus is rightly on the architects who had the vision to design and build America's skyscrapers, but attention is also given to the steelworkers who built them, the financiers who put up the money, and the daredevils who attempt to "conquer" them in some inexplicable pursuit of fame. The impact of the skyscraper on popular culture, particularly film and literature, is also explored.

Skyscrapers are an American original. A century ago, towering technological marvels like the

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

Flatiron Building dramatically transformed cities across the United States and soon spread around the globe. Today, as these graceful structures are rediscovered and put to new use, learn the inspiring and long-forgotten stories of how they came to be. Here are the surprising details of America's early millionaires--the complex characters they were and the companies they built, the risks they took, the dreams they chased, and the explosion of raw economic power and societal disruption they unleashed on a young nation. A lively collection of case studies and popular history reveals the entrepreneurs who built American corporate culture, with their successes and failures, triumphs and tragedies. Whether rags-to-riches immigrants, crafty clerks, ambitious officials, or perceptive investors, each is a tale of perseverance and vision ultimately brought to fruition, and a legacy that is now ours to experience in the grand old skyscrapers they left behind. Award-winning writer and speaker Mark Houser weaves extensive historical research with observations from his visits to these buildings to construct a personal guided tour of 55 fascinating antique skyscrapers across America and abroad. Read Along or Enhanced eBook: Snappy rhymes invite young readers to watch workers dig, pour, pound, and bolt a skyscraper into existence. Simple yet satisfying sidebars provide further information about each step in the construction process. Perfect for preschoolers and all those who dig diggers. Quirky, colorful art enhance the appeal of a construction site with all the equipment and sounds of building. The 2017 Summer Reading Theme: Build a Better World!

"This new edition of Manhattan Skyscrapers covers 10 new buildings and re-presents 75 historical structures, including such recent renovations as Louis Sullivan's Bayard-Condit Building and Norman Foster's addition to the Hearst Magazine Building. A new introduction by

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

Skyscraper Museum Director Carol Willis adds insight into the city in the 21st century. This book is a must for both the serious student of architecture and the casual collector of all things New York."--BOOK JACKET.

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.

A companion to a five-part PBS series takes a behind-the-scenes look at the creation of New York City skyscraper Worldwide Plaza--from the architects who designed it, to the construction workers who built it, to the community it transformed

Now, bigger than ever, this long-awaited revised edition of Judith Dupré's best-selling *Skyscrapers* is a giant celebration of today's most significant superstructures. It features an all-new design with full-color photographs, 10 new buildings, and informative updates throughout. Unique in scale and design, *Skyscrapers* explores in-depth more than 60 buildings, including One World Trade Center, Burj Dubai, the Shanghai World Financial Center, the Petronas Towers, the Tribune Tower, the Lipstick Building, and the Phare Tower. This completely revised and full-color edition presents 10 new buildings, among them The Shard in London (2012, Renzo Piano), the International Commerce Centre in Hong Kong (2010, Kohn Pedersen Fox), the Shanghai Tower (2014, Gensler Architects), and the Kingdom Tower in Jeddah (2018, Adrian Smith), which will be the tallest building in the world when completed. Arranged chronologically by date of building construction, each informative spread has photos of the featured building from various angles, building plans, diagrams, the building's historical background, and technological information. *Skyscrapers* also offers additional information on

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

such topics as the ancient roots of skyscrapers and visionary cities of the future, as well as a fascinating interview with Philip Johnson, together with other profiles. New topics include the era of the megatall building, the building of a skyscraper, and the explosive growth of skyscrapers in Dubai and China. Also includes interview with Adrian Smith. Praise for Skyscrapers: "Drama. Treachery. Innovation. Massive buildings. Bigger egos. Skyscrapers has it all." -- Patrick J. Foye, Executive Director, Port Authority of New York & New Jersey "Dupré makes the most of a century of neck-craning architecture." -- The Washington Post "Breathtaking. Magnificent, unique, very special. Exquisite. One-of-a-kind. Well researched. Beautifully designed." -- Robert J. Bruss, Tribune Media Services Praise for Bridges: "Dupré captivates the eye, mind and imagination." -- The New York Times

Throughout history, the story of the skyscraper has been defined by our desire for ascendance--politically, militarily, economically, religiously, culturally, and, of course, physically. These spectacular superstructures epitomise more than architectural aspiration, they excite the imagination and inspire awe. The scope of the book is deliberately broad with a thematic first section and a geographical second section. Conceptual chapters, introduce the origins of our desire to build high and explore the skyscraper's role in fuelling our imaginations through different modes of cultural expression. How To Read Skyscrapers offers a deep and rich understanding of the skyscraper by providing a comprehensive account of this unique and captivating building-type, from its origins in myth and legend to its future potential in satisfying humankind's needs and aspirations.

"45 skyscrapers are examined for their pioneering technology, sustainability, and other characteristics that set them apart. Each building is presented with a large photograph with

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

cross-section drawings plus fact boxes listing location, year of completion, height, stories, primary functions, owner/developer, architect, structural engineer, and construction firm. The buildings examined are distributed over the world's most developed regions of North America, Europe, Asia, and Australia."--

Why this shape and not that? Why steel instead of concrete or stone? Why put it here and not over there? These are the kinds of questions that David Macaulay asks himself when he observes an architectural wonder. These questions take him back to the basic process of design from which all structures begin, from the realization of a need for the structure to the struggles of the engineers and designers to map out and create the final construction. As only he can, David Macaulay engages readers' imaginations and gets them thinking about structures they see and use every day — bridges, tunnels, skyscrapers, domes, and dams. In *Building Big* he focuses on the connections between the planning and design problems and the solutions that are finally reached. Whether a structure is imposing or inspiring, he shows us that common sense and logic play just as important a part in architecture as imagination and technology do. As always, Macaulay inspires readers of all ages to look at their world in a new way.

Looks at ten of the most distinctive skyscrapers in the world, from the iconic Chrysler and Empire State buildings in New York to the massive Burj Khalifa in Dubai.

A powerful first-hand account of the many generations and ethnic groups of men who have built America's skyscrapers. From the early days of steel construction in Chicago, through the great boom years of New York city ironwork, and up through the present, *High Steel* follows the trajectory of careers inextricably linked to both great accomplishment and catastrophic

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

disaster. The personal stories reveal the lives of ironworkers and the dangers they face as they walk across the windswept, swaying summits of tomorrow's skyscrapers, balanced on steel girders sometimes only six inches wide. Rasenberger explores both the greatest accomplishments of ironwork—the vaulting bridges and towers that define America's skyline—and the deadliest disasters, such as the Quebec Bridge Collapse of 1907, when 75 ironworkers, including 33 Mohawk Indians, fell to their deaths. High Steel is an accessible, thrilling, and vertiginous portrait of the lives of some of our most brave yet unrecognized men. A graphic tour through the inner workings of modern skyscrapers explains how they operate and how sophisticated networks of technologies and utilities are possible within their complex structures.

New York City Skyscrapers celebrates the numerous awe-inspiring buildings that have made New York the skyscraper capital of the world. This book traces the history of New York's tallest structures from the late 19th century, when church spires ruled the skyline, through the 20th century, when a succession of amazing buildings soared to new heights. From the Flatiron and Woolworth Buildings to the Chrysler and Empire State Buildings, the skyscrapers of New York have long captured the imagination of people around the world.

A home of one's own has always been a cornerstone of the American dream, fulfilling like nothing else the desire for comfort, financial security, independence, and with a little luck, even a touch of distinctive character, or even beauty. But what we have come to regard as almost a national birthright has recently begun to elude more and more prospective homebuyers. Where housing is concerned, affordable and well-crafted rarely exist together. Or do they? For years, founding editor-in-chief of Dwell magazine and noted architecture and design critic Karrie

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

Jacobs had been confronting this question both professionally and personally. Finally, she decided to see for herself whether it was possible to build the home of her own dreams for a reasonable sum. *The Perfect \$100,000 House* is the story of that quest, a search that takes her from a two-week crash course in housebuilding in Vermont to a road trip of some 14,000 miles. In the course of her journey Jacobs encounters a group of intrepid and visionary architects and builders working to revolutionize the way Americans think about homes, about construction techniques, and about the very idea of community. By her trip's end Jacobs, has not only had a practical and sobering education in the economics, aesthetics, and politics of homebuilding, but has been spurred to challenge her own deeply held beliefs about what constitutes an ideal home. *The Perfect \$100,000 House* is a compelling and inspiring demonstration that we can live in homes that are sensible, modest, and beautiful.

Who Built That? Modern Houses An Introduction to Modern Houses and Their Architects Princeton Architectural Press

When building in Minecraft, the sky is the limit! You can construct a city with buildings that tower over Steve and the game's other inhabitants. Using Minecraft constructions as a guide, this book teaches readers about STEM in the real world. With a mixture of dazzling photographs, cutaway illustrations, and Minecraft examples, this book is sure to amaze and educate young readers. The text encourages readers to use computer coding skills to make their own mods in Minecraft. Help readers get on the elevator and take it to the top floor of this fascinating volume.

This work chronicles the skyscraper's emergence and architectural importance. It chronologically details the ascension of the skyscraper as an artform from 1891. It is broken

Download Free Who Built That Skyscrapers An Introduction To Skyscrapers And Their Architects

down into six major time frames each characterized by the tallest building of the time.

Subcategories tie the architecture to other themes of the time including materials, visionary architecture, commerce, style and philosophy. The text also examines each building in depth - how its inhabitants feel about its interior space, how they function as public cultural artefacts, how their designers conceived of their projects, and how they see them now.

An investigation of thirty skyscrapers from around the world—both recently built and under construction—that explains the structural principles behind their creation

Follows the step-by-step process of building a skyscraper in New York City, from digging its foundation to placing on its final decorative touches.

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

[Copyright: 48ed842fecefd1cd0b2b5f6720dcea78](#)