

Willis Tower

Lisa M. Lilly

Sears Tower Jay Pridmore,2002 The Nation's Largest Retailer wanted the largest headquarters in the nation, and they got it -- in spades. Designed by Skidmore, Owings & Merrill (SOM), the 110-story, anodized aluminum-clad Sears Tower occupies three acres in the West Loop. The bundled-tube construction allowed for more windows and more corner offices per square foot. The total area within the Tower is 4.4 million square feet; the Sky Deck on the 103rd floor offers tremendous views and welcomes more than 1 million visitors yearly. When SOM realized that their design was only ten stories short of what was supposed to be the record-breaking height of the World Trade Center then under construction (1,368 feet), they broke the record, coming in at 1,454 feet. The move of Sears and Roebuck employees into the Tower was the biggest corporate move in American history. In the late 1980s Sears and Roebuck left the building, but it continues to thrive, a timeless monument to American ingenuity.

Where Is the Sears Tower? - Softcover Tad Mitchell,2011-05-04 Where Is the Sears Tower? tells the story of Peter, a pigeon who travels to Chicago to visit his grandfather who lives at the Willis Tower (formerly named the Sears Tower). Along the way, Peter passes various city landmarks, meets animals (each with a distinct personality), and discovers his inner compass. This read-to-me book is intended for children and adults. The amazingly detailed artwork captures Chicago's true essence as one of the most beautiful cities in the world. Each painting (except the first) contains a part of the Willis Tower.

Creatures Are Stirring Joseph Altshuler,Julia Sedlock,2022-01-18 Creatures Are Stirring is an optimistic manifesto that rescripts the anthropocentric narratives of Western architecture with new myths for a playfully compassionate and co-habitable future. The book reconceptualizes buildings as our friends by amplifying architecture's creaturely qualities--formal embellishments, fictional enhancements, and organizational strategies that suggest animal-like agency. In an unsettled world, these qualities initiate more companionable relationships between humans and the built environment, and ultimately foster greater solidarity with other human and nonhuman lifeforms. Addressing a broad audience, Creatures Are Stirring uses the apparent subjecthood of familiar objects like plush toys and sports mascots to guide readers towards a novel way of seeing, reading, and making creaturely architecture. The book combines the authors' essays and memoirs (narrated from buildings' points of view) with contributions from contemporary architects whose work collectively defines an architectural territory that is at once grounded in disciplinary rigor and urgent realities, and liberated to elicit fantastical futures.

The Sears Tower Charles River Charles River Editors,2018-02-21 *Includes pictures *Includes accounts of the building's construction and history written by those who worked on it *Includes a bibliography for further reading *Includes a table of contents Chicago is a city of skyscrapers. New York is not. New York is a city that's a huge rock that has been carved out to make streets. [Gordon] Bunshaft was always jealous when he came to Chicago because he could stand and see the buildings. In New York, you can't do that. You have to be miles away to see the buildings. - Bruce Graham, architect Walking around Chicago today, it's easy to forget about its past as a rural frontier, and that's due in no small part to the way Chicago responded to the Great Fire of 1871. Immediately after the fire, Chicago encouraged inhabitants and architects to build over the ruins, spurring creative architecture with elaborate designs, and architects descended upon the city for the opportunity to rebuild the area. Over the next few decades, Chicago had been rebuilt with the country's most modern architecture and monuments, and the Windy City's skyscrapers reached over 20 stories by the early 20th century, but it wouldn't take long for the city to turn its early skyscrapers into things of the past. Burnham's 22 story high Masonic Temple Building, once the tallest building in the world, was demolished in favor of buildings that were twice as tall. The early skyscrapers that still stand look like antiques compared to Chicago's current skyline, because during the mid-20th century, architects built dozens of much taller buildings throughout Chicago, often constructing these enormous structures in less than a decade. In 1968, builders finished the John Hancock Center, the first building in Chicago to reach 100 stories, but Chicago's skyline gained its most iconic feature in 1973, the year the completed Sears Tower became the tallest building in the world. Though it's technically named the Willis Tower today, Chicago's landmark is still best known as the Sears Tower, and Sears got a lot of bang for its buck. The Sears Tower only took two years to build at a cost of about \$150 million, and it is still the second tallest building in America, a fact Chicagoans sharply debate after the Sears Tower was judged to be shorter than New York City's new Freedom Tower. In 1969, Sears wanted to create a large office space for its employees in the city, and they commissioned the firm Skidmore, Owings & Merrill to design and build the structure. The firm conceived of the now famous design, in which the first 50 stories of the structure were connected by what are essentially nine separate tube shaped buildings. After the 50th story, seven of the nine tubes rise up to the 90th floor. From there, only two tubes rise to the building's 108th floor. This design gives the Sears Tower the appearance of a large building at ground level that gradually tapers off into a thinner rectangle at the top. Naturally, the size and shape of the Sears Tower have made it an inviting target for daredevils who like to climb skyscrapers and other tall structures. In 1981, Dan Goodwin used suction cups to help him climb the building and avoid authorities who tried to stop him. For added effect, Goodwin was wearing a Spider-Man suit. Even more impressively, in 1999 Frenchman Alain Robert climbed the building with his bare hands and climbing shoes. Of course, people looking for a safer way to the top can ride elevators to an observation deck on the 103rd floor, and over a million people choose this option each year. The Sears Tower: The History of Chicago's Most Iconic Landmark chronicles the construction and history of the Windy City's most famous building. Along with pictures of important people, places, and events, you will learn about the Sears Tower like never before, in no time at all.

The Freedom Tower and the Sears Tower Charles River Editors,2017-11-17 *Includes pictures *Includes online resources and a bibliography for further reading Walking around Chicago today, it's easy to forget about its past as a rural frontier, and that's due in no small part to the way Chicago responded to the Great Fire of 1871. Immediately after the fire, Chicago encouraged inhabitants and architects to build over the ruins, spurring creative architecture with elaborate designs, and architects descended upon the city for the opportunity to rebuild the area. Over the next few decades, Chicago had been rebuilt with the country's most modern architecture and monuments, and the Windy City's skyscrapers reached over 20 stories by the early 20th century, but it wouldn't take long for the city to turn its early skyscrapers into things of the past. Burnham's 22 story high Masonic Temple Building, once the tallest building in the world, was demolished in favor of buildings that were twice as tall. Though it's technically named the Willis Tower today, Chicago's landmark is still best known as the Sears Tower, and Sears got a

lot of bang for its buck. The Sears Tower only took two years to build at a cost of about \$150 million, and it is still the second tallest building in America, a fact Chicagoans sharply debate after the Sears Tower was judged to be shorter than New York City's new Freedom Tower. In 1969, Sears wanted to create a large office space for its employees in the city, and they commissioned the firm Skidmore, Owings & Merrill to design and build the structure. The firm conceived of the now famous design, in which the first 50 stories of the structure were connected by what are essentially nine separate tube shaped buildings. After the 50th story, seven of the nine tubes rise up to the 90th floor. From there, only two tubes rise to the building's 108th floor. This design gives the Sears Tower the appearance of a large building at ground level that gradually tapers off into a thinner rectangle at the top. It should come as no surprise that in the dark days following the terrorist attacks of September 11, 2001, New York City began searching for some way to demonstrate its recovery and resolve. The obvious way to do just that was to rebuild what had been destroyed. Since there was no way to bring back the lives of those lost, the most straightforward path was to rebuild the Twin Towers that had fallen, but there was more to be done than to just rebuild the lost Twin Towers; the new building was to be bigger, taller, and better than before, as everyone hoped the country would somehow be. In the decade that followed, the first of a new millennium, the Freedom Tower experienced many of the same ups and downs that the nation did. Plans to rebuild it were met with the same level of controversy as those to fight the war on terror. Likewise, its popularity ebbed and flowed with the fickle hearts of a people grown weary with fighting an enemy overseas and a poor economy at home. Political parties rose into and fell out of power, changing again and again the environment in which the builders were trying to work. At some points, it seemed that the project would never end. Fortunately, the building itself finally knew victory and opened to the public, much as it seems the United States has made some inroads in the war against terror. At the same time, there is much left to do on both fronts, as the owners of One World Trade Center continue to try to rent out the space they have created, and those fighting terrorism at home and abroad continue to try to weed out the last vestiges of those who wish the nation ill. The Freedom Tower and the Sears Tower: The History of America's Tallest Buildings looks at the construction history of the two biggest buildings in the United States. Along with pictures of important people, places, and events, you will learn about the Sears Tower and Freedom Tower like never before.

Chicago Skyscrapers, 1871-1934 Thomas Leslie, 2013-05-15 For more than a century, Chicago's skyline has included some of the world's most distinctive and inspiring buildings. This history of the Windy City's skyscrapers begins in the key period of reconstruction after the Great Fire of 1871 and concludes in 1934 with the onset of the Great Depression, which brought architectural progress to a standstill. During this time, such iconic landmarks as the Chicago Tribune Tower, the Wrigley Building, the Marshall Field and Company Building, the Chicago Stock Exchange, the Palmolive Building, the Masonic Temple, the City Opera, Merchandise Mart, and many others rose to impressive new heights, thanks to innovations in building methods and materials. Solid, earthbound edifices of iron, brick, and stone made way for towers of steel and plate glass, imparting a striking new look to Chicago's growing urban landscape. Thomas Leslie reveals the daily struggles, technical breakthroughs, and negotiations that produced these magnificent buildings. He also considers how the city's infamous political climate contributed to its architecture, as building and zoning codes were often disputed by shifting networks of rivals, labor unions, professional organizations, and municipal bodies. Featuring more than a hundred photographs and illustrations of the city's physically impressive and beautifully diverse architecture, *Chicago Skyscrapers, 1871-1934* highlights an exceptionally dynamic, energetic period of architectural progress in Chicago.

AIA Guide to Chicago American Institute of Architects Chicago, 2014-05-15 An unparalleled architectural powerhouse, Chicago offers visitors and natives alike a panorama of styles and forms. The third edition of the AIA Guide to Chicago brings readers up to date on ten years of dynamic changes with new entries on smaller projects as well as showcases like the Aqua building, Trump Tower, and Millennium Park. Four hundred photos and thirty-four specially commissioned maps make it easy to find each of the one thousand-plus featured buildings, while a comprehensive index organizes buildings by name and architect. This edition also features an introduction providing an indispensable overview of Chicago's architectural history.

Skyscrapers and Towers Shirley Duke, 2018-11-30 In *Skyscrapers and Towers*, readers will explore the use of super structures around the world and how they have shaped future technological advancements. This title is the perfect blend of historical content and STEM engagement, and makes a great addition to library collections at home or at school. The Engineering Wonders series takes readers on a historical journey and focuses on the construction of amazing man-made structures and their effects on society. Each 48-page title features full-color photographs, fascinating sidebars, a timeline, a glossary, a list of websites, and comprehension and extension questions. This series engages learners while also reinforcing concepts and helping them strengthen their reading comprehension skills.

Building Chicago John Zukowsky, 2016-10-04 *Building Chicago* presents the best of this country's first city of architecture. Colloquially known as America's second city, Chicago is widely regarded as this country's crown jewel when it comes to architecture. The roster of masters who have helped shape its skyline and streetscape stands as a who's who of the architectural pantheon from the last two hundred years, from Louis Sullivan, Daniel Burnham, and Frank Lloyd Wright to Mies van der Rohe and Frank Gehry. Lavishly illustrated, this volume compellingly displays the masterworks of Chicago architecture—from the Chicago Tribune Tower (1925) and the Rookery (1888) by Burnham & Root to the Trump International Hotel and Tower (2008) by Skidmore, Owings & Merrill and the residential skyscraper Aqua (2009) by Jeanne Gang. It features the city's beloved masterpieces by Wright, including the Robie House, such milestones as the Willis Tower and the John Hancock Building, Gehry's Pritzker Bandshell, as well as a wealth of little-known treasures from Chicago's early days culled from the vast collection of the Chicago History Museum.

Ask Tom Why Tom Skilling, 2014-10-07 *Ask Tom Why* is a collection of articles originally written by Tom Skilling for his Chicago Tribune column of the same name. Skilling, who is WGN-TV's chief meteorologist, answers questions covering all topics pertaining to weather, the sky, and our environment. Split into three sections, the book covers storms and inclement weather; the sun, moon, and sky; and temperature – all expressed with the authority and accuracy of Chicago's favorite meteorologist. Skilling's nearly forty years in the meteorology field make him one of the most trusted voices in a city known for its erratic weather. From the mundane to the anomalous, Skilling explains all things weather in a way that is easy for readers of any age to understand. *Ask Tom Why* is the first collection of its kind, and a fantastic read for weather enthusiasts, and anyone who grew up reading, listening, and watching Tom Skilling.

Building the Skyline Jason M. Barr,2016-05-12 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, 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.

The Tower Formerly Known As Sears And Two Other Tales Of Urban Horror Lisa M. Lilly,2019-03-25 Three tales of quiet horror that revolve around the Chicago legal world.... In *The Man in the Mirror*, a recruiting event at an amusement park turns deadly when the attractions develop minds -- and purposes -- of their own. A woman struggles in *The Merger* with whether to stay in her soulless job, unaware that far more than her career is at stake. And an unpopular new law firm chairman faces both disgruntled attorneys and a haunted skyscraper bent on his destruction in *The Tower Formerly Known as Sears*. Start reading today. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Helvetica} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Helvetica; min-height: 14.0px}

The Routledge Handbook of Philosophy of Humility Mark Alfano,Michael P. Lynch,Alessandra Tanesini,2020-07-06 Humility is a vital aspect of political discussion, social media and self-help, whilst recent empirical research has linked humility to improved well-being, open-mindedness and increased accuracy in assessing persuasive messages. It is also a topic central to research and discussion in philosophy, applied ethics and religious studies. The *Routledge Handbook of Philosophy of Humility* is the first collection to present a comprehensive overview of the philosophy of humility, whilst also covering important interdisciplinary topics. Comprising 41 chapters by an international team of contributors, the Handbook is divided into seven parts: • Theories of humility • The ethics of humility • The politics of humility • Humility in religious thought • The epistemology of humility • The psychology of humility • Humility: applications to the social world. Essential reading for students and researchers in ethics, epistemology, political philosophy and philosophy of mind and psychology, this Handbook will also be extremely useful for those in related disciplines such as psychology, religious studies and law.

Imagine... The Tower Rising Matt Koceich,2020-05-01 The Sixth Release in an Epic Bible Adventure Series for Kids The last thing sixth-grader Bella Rhodes remembers (before the world as she knew it disappeared) is visiting the Skydeck at Chicago's Willis Tower. What happens next can't be explained as Bella finds herself back in Bible times during the days of the tower of Babel in ancient Shinar! *Imagine. . .The Tower Rising* is the sixth release in an exciting epic adventure series for kids ages 8 to 12 written by schoolteacher Matt Koceich. The *Imagine* series brings the Bible to life for today's kids as they ponder what it would be like to live through a monumental biblical event. Don't miss Book 1 in the *Imagine* Series--*The Great Flood. . .Book 2--The Ten Plagues. . .Book 3--The Fall of Jericho!. . .Book 4--The Giant's Fall. . .or Book 5--The Miracles of Jesus.*

21st-Century Skyscrapers Philip Wolny,2018-07-15 The modern skylines of major cities around the globe are both majestic and awe-inspiring. Since the turn of the century, ever more impressive and innovative skyscrapers have been built. This resource features the tallest and most famous buildings standing, and inspires young aspiring architects and engineers to dream of ever taller buildings. The sky's the limit for readers, who will gain valuable insights into engineering basics while their imaginations are stirred by images and descriptions of these architectural giants from all over the world.

The World's Most Amazing Skyscrapers Michael Hurley,2011-07 This book highlights ten of the world's skyscrapers.

DK Eyewitness Top 10 Chicago DK Eyewitness,2022-04-12 Chicago, is a perfect blend of big-city sophistication and small-town hospitality, with its good-humoured warmth, gleaming skyscrapers, outstanding museums and vibrant art scene. Your DK Eyewitness Top 10 travel guide ensures you'll find your way around Chicago with absolute ease. Our regularly updated Top 10 travel guide breaks down the best of Chicago into helpful lists of ten - from our own selected highlights to the best architecture, restaurants, blues and jazz joints, and of course, shopping destinations. You'll discover: • Seven easy-to-follow itineraries, perfect for a day trip, a weekend, or a week • Detailed Top 10 lists of Chicago's must-sees, including comprehensive descriptions of the Willis Tower and Its Views, The Art Institute of Chicago, Field Museum, Museum of Science and Industry, the Navy Pier, John G. Shedd Aquarium, Lincoln Park Zoo, Magnificent Mile, Millennium Park and Frank Lloyd Wright's Oak Park • Chicago's most interesting areas, with the best places for shopping, going out and sightseeing • Inspiration for different things to enjoy during your trip - including movie locations, fun for kids, hidden gems off the beaten path and things to do for free • A laminated pull-out map of Chicago and its environs, plus five full-color neighborhood maps • Street-smart advice: get ready, get around, and stay safe • A lightweight format perfect for your pocket or bag when you're on the move DK Eyewitness Top 10s have been helping travellers to make the most of their breaks since 2002. Looking for more on Chicago's culture, history and attractions? Try DK Eyewitness Chicago.

Intellectual Humility Ian Church,Peter Samuelson,2016-11-03 Why care about intellectual humility? What is an intellectual virtue? How do we know who is intellectually humble? The nature of intellectual virtues is a topic of ancient interest. But contemporary philosophy has experienced unparalleled energy and concern for one particular virtue over the past 30 years: intellectual humility. *Intellectual Humility: An Introduction to the Philosophy and Science* draws on leading research to provide an engaging and up-to-date guide to understanding what it is and why it's important. By using ten big questions to introduce the concept, this

introduction presents a vibrant account of the ideas behind intellectual humility. Covering themes from philosophy, psychology, education, social science, and divinity, it addresses issues such as: What human cognition tells us about intellectual virtues The extent to which traits and dispositions are stable from birth or learned habits How emotions affect our ability to be intellectually humble The best way to handle disagreement The impact intellectual humility has on religion or theological commitments Written for students taking the University of Edinburgh's online course, this textbook is for anyone interested in finding out more about intellectual humility, how it can be developed and where it can be applied.

Physics Willis E Tower M Sci,Willis E. Tower,Charles H Smith M E,Charles H. Smith,Charles M Turton a M,Charles M. Turton,Thomas D. Cope, Ph.d.,2010-06-07 Physics by Willis E. Tower, Charles H. Smith, Charles M. Turton, Thomas D. Cope

Art of the Skyscraper Mir M. Ali,2001 This, the first published book on the life and work of Fazlur Khan, stands as a powerful testament to this revolutionary mind - and to the technological advances it engendered.

Embark on a breathtaking journey through nature and adventure with Crafted by is mesmerizing ebook, Witness the Wonders in **Willis Tower** . This immersive experience, available for download in a PDF format (*), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

Table of Contents Willis Tower

◦ Creating a Diverse Reading Collection Willis Tower

10. Overcoming Reading Challenges

- Dealing with Digital Eye Strain
- Minimizing Distractions
- Managing Screen Time

11. Cultivating a Reading Routine Willis Tower

- Setting Reading Goals Willis Tower
- Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Willis Tower

- Fact-Checking eBook Content of Willis Tower
- Distinguishing Credible Sources

13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Willis Tower Introduction

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