

## Building Eyewitness Books

Packed with superb color illustrations and fascinating facts, this highly informative guide explores all aspects of technology, from ancient artifacts to the latest advances in computer-aided design. Clearly-annotated photographs and diagrams give an invaluable insight into the tools, machines, and systems that have shaped the modern world. See how the strength of different materials is measured, the structure of a suspension bridge, how keyhole surgery works, what astronauts eat in space, and how milk bottles have changed shape. Learn which materials pull and which ones push, how engines convert heat into work, how an airplane flies, how instant coffee is created, and how a ring-pull is made. Discover why glass is a liquid, the difference between inventors and designers, what a CD is made from and how a CD player works, how science can help protect threatened plant species, and much, much more.

The invaluable grade-by-grade guide (kindergarten—sixth) is designed to help parents and teachers select some of the best books for children. Books to Build On recommends: • for kindergartners, lively collections of poetry and stories, such as *The Children's Aesop*, and imaginative alphabet books such as Bill Martin, Jr.'s *Chicka Chicka Boom Boom* and Lucy Micklewait's *I Spy: An Alphabet in Art* • for first graders, fine books on the fine arts, such as Ann Hayes's *Meet the Orchestra*, the hands-on guide *My First Music Book*, and the thought-provoking *Come Look with Me* series of art books for children • for second graders, books that open doors to world cultures and history, such as Leonard Everett Fisher's *The Great Wall of China* and Marcia Willaims's humorous *Greek Myths for Young Children* • for third graders, books that bring to life the wonders of ancient Rome, such as *Living in Ancient Rome*, and fascinating books about astronomy, such as Seymour Simon's *Our Solar System* • for fourth graders, engaging books on history, including Jean Fritz's *Shh! We're Writing the Constitution*, and many books on Africa, including the stunningly illustrated story of *Sundiata: Lion King of Mali* • for fifth graders, a version of Shakespeare's *A Midsummer Night's Dream* that retains much of the original language but condenses the play for reading or performance by young students, and Michael McCurdy's *Escape from Slavery: The Boyhood of Frederick Douglass* • for sixth graders, an eloquent retelling of the *Iliad* and the *Odyssey*, and the well-written American history series, *A History of US . . .* and many, many more!

DK Eyewitness Books: Christianity will give you an "eyewitness" look into Christian life, beliefs and culture around the world. Discover the different ways Christians worship and pray. See how people celebrate Christian festivals, take a look inside a monastery and find out about the amazing stories in the Bible. Great for projects and general reference, this spectacular and informative guide will tell you everything you need to know about this ancient and modern religion.

This remarkable book explores the history and practice of Buddhism, beginning with the life of Buddha and continuing to the spread of Buddhism from Asia to the Western world. Beautiful photographs show the rituals, artifacts, and architecture that are important to the Buddhist tradition. See Buddha statues from many different countries and the Dalai Lama's palace. Learn about the Wheel of Life and what the lotus flower symbolizes. Discover the Four Noble Truths, what life is really like for Buddhist monks, what happens during the Hana Matsuri festival, and much, much more! Explore the teachings and traditions of this ancient religion

Find a galaxy full of LEGO® Star Wars™ ideas to build - from activities and art, games and challenges, to practical makes and your very own inventions! LEGO® Star Wars™ Ideas Book features imaginative play and building ideas using your own LEGO brick collection. There are LEGO projects that take just a few minutes, it builds to keep you occupied for hours. Set up a game of LEGO Star Wars skittles, create a pencil pot shaped like your favorite Sith or Jedi, build a fleet of tiny TIEs, design Darth Vader's family tree, and customize a podracer. Challenge a friend to take on a rathtar, mix up your minifigures, stage your favorite movie battle scene with LEGO Star Wars bricks - and much, much more! LEGO® Star Wars™ Ideas Book is packed with a family-friendly range of activities to inspire every LEGO Star Wars fan. What will you build? © 2018 The LEGO Group.© & TM 2018 LUCASFILM LTD.

Architecture Explained Taking an original photographic approach to look in detail at certain topics, these four fascinating books provide deeper understanding and richer enjoyment of the worlds of architecture, art, famous artists, and myths and legends. AUTHOR BIO: Neil Stevenson studied architecture at Newcastle University from 1979 to 1984. He has worked for Kenzo Tange in Tokyo and practiced in London. Neil Stevenson studied architecture at Newcastle University from 1979 to 1984. He has worked for Kenzo Tange in Tokyo and practiced in London. He is currently working with Sagar Stevenson Architects, where he specializes in urban-renewal projects.

Welcome to the work zone! "My Best Pop-Up Construction Site Book" is a large format sturdy, noisy board book that takes young readers on a pop-up surprise journey through a construction site filled with diggers, cranes, bulldozers, dump trucks, and more. Press the button after each page to hear a building site sound. With age-appropriate text and clearly labeled photography, "My Best Pop-up Construction Site Book" incorporates play and fun into hands-on learning. View the story of the doomed ship Titanic through the eyes of those who knew it best. Builders, crew members, passengers, and explorers who discovered the wreck each have their own perspectives. Feel the pride of builders as they put the final touches on the grand staircase and the deep sadness of survivors who left loved ones behind. It's the story of the Titanic like you've never heard it before.

Shows and describes the components and construction materials of a building, and discusses staircases, fireplaces, doors, windows, and ornament.

A photo essay about insects and their crucial role in the lives of other living things.

Unlock the secrets of LEGO® building and create new worlds with your imagination. Your guide to becoming a LEGO master builder.

Become inspired with detailed master building techniques and tips to create amazing modules with your collection. Test and challenge your building skills, with hundreds of awesome ideas to choose from, ranging from beginner LEGO builds to more advanced creative modules. A fun activity that stimulates creativity and tactical skills. LEGO blocks are to be played without limitations and this building guide is here to inspire you. This LEGO instructions book explores the endless possibilities you can create with your own LEGO brick collection. It's up to you,

show off your building skills or add amazing creative modules to your own LEGO world. Are You Ready For The Most Awesome LEGO Building Adventures Yet? Learn through visual tips, step-by-step guides, creative model ideas and pro building techniques shown throughout the book. The LEGO® Awesome Ideas book includes detailed illustrations on how to build amazing real-world modules like fleets of mini robots, magical castles, a LEGO® birthday cake, space vehicle constructions and even a realistic-looking LEGO mobile phone. Journey through six incredible worlds bursting with hundreds of approved fans LEGO ideas and building tips. This book helps you create your own amazing models with step-by-step guides that unlock the secrets of great LEGO building. This LEGO book is based on 5 different LEGO themes: - Outer Space - The Wild West - Fantasy Land The Real World - The Modern Metropolis With creative model ideas and visual tips and techniques, LEGO® Awesome Ideas will inspire everyone from beginners to accomplished builders. An International Literary Association - Children's Book Council Children's Choices List Selection LEGO, the LEGO logo, the Brick and Knob configurations and the Minifigure are trademarks of the LEGO Group. © 2015 The LEGO Group.

Eyewitness City examines urban life in many of the world's most fascinating, fast-paced cities. It takes readers from the suburbs and shanty towns to the high-rise business districts, showing how cities grow and function. Also included is historical information, looking at the evolution of cities through the centuries.

The World's Must-See Places takes you on a tour of over 100 of the world's greatest sights. In true DK Eyewitness Travel Guide style, each page of the book will show you what other books only tell you, with unique 3-D cutaway artworks that let you look inside each building as if you were there. Each featured sight has been selected for its uniqueness, or its historical or architectural importance, and many are included on UNESCO's list of World Heritage Sites. Situated across the five continents, the sights include iconic landmarks, such as Chartres Cathedral and Sydney Opera House, and lesser-known gems, including the Kairouan Mosque in Tunisia and the Toshu-gu Shrine in Japan. In addition to engaging text that describes each sight, sidebars and text panels cover topics such as the architectural style of the building, the architect and his works, or historic events or people that shaped the building as we know it today. This book will not only inspire readers to visit some, if not all, of the featured sights, but will also appeal to armchair travelers who prefer to view the sights from the comfort of their own home.

This children's book explores the innermost workings of some extraordinary buildings and machines. From helicopters to submarines, skyscrapers to coal mines, open up a fascinating world packed with unique and detailed cutaway drawings. Whether it's a Spanish galleon or a medieval castle, each cross-section slice or exploded view reveals what's going on inside. See the people swarming inside the Empire State Building, the workers busy backstage at the opera house, and where the crew sleeps on a jumbo jet. Included also are two impressive foldouts showing an ocean liner and a steam train. There are lots of fun facts to be discovered, and curious details are highlighted and explained. Did you know one of the funnels of the Queen Mary liner was fake and used for storing deckchairs? And in almost every scene, there's the challenge to find a man on the toilet! With more than a million copies sold, Stephen Biesty's award-winning illustrated book is as fascinating today as it was when first published in 1992. Incredible Cross-Sections is the ultimate way to see how things work.

Discover the most incredible man-made wonders, from Stonehenge to Burj Khalifa, with this unparalleled catalog of the most famous and intriguing buildings and monuments created by humans. Manmade Wonders of the World features a range of structures from buildings to monuments, statues, and bridges, including the Golden Gate Bridge and Hoover Dam. It opens with a foreword by Dan Cruickshank and then takes the reader on a continent-by-continent journey, exploring and charting the innovations, ingenuity, and imagination employed by different cultures to create iconic buildings such as the Great Pyramid of Giza. This truly global approach reveals how humans tackled similar challenges, such as keeping the enemy out, in vastly different parts of the world, from the Great Wall of China to the defensive walls of Central American cities. Illustrations explain how the structures were built, while explanations cover the history, architecture, and unique stories behind their construction. Featuring breathtaking images, Manmade Wonders of the World is a complete celebration of the world humans have built over thousands of years.

Looks behind fortress walls to explore how they were built to house hundreds of people and animals, the important rooms, the people who lived in them, and what castle life was like.

This book examines how military institutions attempted to meet the demands of the new strategic, political and technological realities of the turbulent era between World War I and II. The contributors chose France, Germany, Great Britain, the Soviet Union and the United States as focus countries because their military institutions endeavored to develop both the material capacity and the conceptual framework for the conduct of modern industrialized warfare on a continental scale. Also included are an introduction describing the intellectual and practical challenges facing the military reformer in peacetime and a concluding essay by Dennis Showalter drawing together the themes examined in the preceding studies and setting these themes in an interpretive, historiographical context.

Featuring photos, descriptions and 3-D cutaway art depicting the interior of buildings, this travel guide to 100 of the world's greatest sights allows readers to visit cultural and architectural wonders such as the Sydney Opera House without leaving home.

Be an eyewitness to creepy crawlies around the world with DK Eyewitness Books: Insect. Bees, beetles, bugs, butterflies and more - love them or hate them insects are everywhere. Discover the different varieties, body-structure, life-cycles and behaviour - from why bees make honey to which insects have ears on their knees in Eyewitness: Insect.

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.

Spectacular, detailed full-color photographs and illustrations Part of the most trusted nonfiction series among teachers, librarians, and parents 72-page format includes 8 bonus pages full of amazing facts about natural disasters Witness the amazing power of hurricanes, tsunamis, and other natural disasters with this all-new addition to the Eyewitness series.

Traces the development of railways from the first Babylonian rutways to the electromagnetic, driverless trains of today and describes how trains are built and operated.

There has always been an incredible diversity of domestic buildings around the world from simple branch and animal skin lean-tos to log cabins Roman villas and skyscrapers. This superb collection of photographs brings their variety and construction vividly to life. Starting with different building materials the book looks at how buildings are put together and the problems faced by stonemasons carpenters bricklayers and other craftspeople in their daily work. Learn how a medieval half-timbered house was erected how thatch is put on a roof and how glorious patterns and colours are achieved in mosaics tiles and glass. Discover the different styles of domestic building around the world with houses shown in detail inside and out. Packed with fascinating facts Building is a unique and compelling introduction to the homes we live in. From the bustling metropolis of Hong Kong to the sprawling Himalayan mountains and mighty Yangtze River, China is home to an astonishing 1.3 billion people. Be an eyewitness to a country that is at once traditional and modern, and learn about its history, people, and

way of life in DK Eyewitness Books: China. Eyewitness China investigates China's present-day culture and highlights everything from life in a rural village to changing fashions and technological innovations. With hundreds of real-life photographs, discover the secrets of traditional Chinese medicine, find out how China is surging ahead in international sports, trace each dynasty with the help of a comprehensive timeline, and much, much more! Discover the world's most populous country - and how it's changing with the times.

The snacks we all know and love: rich chocolate, fresh strawberries, french fries, and . . . deep fried insects? Yes, insects are considered a healthy snack in some cultures, and for a good reason—they are low in fat and high in protein!

Eyewitness Food serves up a rich history of the food we eat, from edible plants to manufactured meals and more.

Starting with a colorful depiction of the food chain and featuring an in-depth look at every level of the food pyramid, discover the inside scoop on food. This guide offers a list of useful websites about food and nutrition as well as a comprehensive timeline of the world's food history. With the help of hundreds of full color photographs, see where the food on your dinner plate starts out, find out how different foods are used together to create new flavors, discover exotic delicacies from around the world, and much, much more! Discover the inside story of food from genetic modification to healthy eating

Here is a compelling guide to the exciting world of the emergency rescue services. Dramatic full-color photographs of real incidents, equipment, clothing, and rescue techniques offer insight into the dangerous work of the heroes who risk their lives to save others. See the protective clothing that firefighters wear, the first rescue vehicles, how animals can save people's lives, and what equipment an ambulance carries. Learn how to survive until help arrives, about the work of international aid organizations, how passengers were rescued after the Titanic sunk, and how people survive in times of war. Discover how rescuers locate people in collapsed buildings, why radio became essential for rescue services, how mountain rescue teams operate, what happens when a plane crashes, and much, much more. Experience heart-pounding rescues with real-life heroes!

Discover the styles, esthetics and purpose of architecture in full historical context as you view the world's most groundbreaking buildings in full colour.

Takes you on a tour of 50 of the world's architectural masterpieces from the Houses of Parliament to the Sydney Opera House. This title shows how to read a building, identify key characteristics of architecture and get underneath the bricks and mortar with 3-D cutaways.

Eyewitness Economy unravels the mysteries and paradoxes of how economies work, or fail. Illustrated throughout with illuminating photos, the book answers questions such as: why is money valuable, why do recessions happen, and why are some countries rich and others poor?

"Significant architectural movements, biographies of famous architects and in-depth examinations of their masterpieces. See how and why certain features were common during specific time periods and how these buildings have stood the test of time. Unique specially-commissioned CGI artworks throughout the book showcase more than 10 specific buildings, including The Pantheon and the White House"--Publisher's description.

Here is a spectacular and informative guide to the peoples of a vast and mysterious continent. Superb color photographs offer a unique "eyewitness" view of the people, houses, tools and artifacts of African cultures and civilizations. See the gold of King Kofi-Karikari of the Asante, a priest's costume made of bird's feathers, a traveler's magic charm, the flywhisks and crowns of the Obas of Nigeria and the incredible distorted masks of the Bamileke of Cameroon. Learn how bronzes were made by the lost-wax process, about the journey of a slave from Africa to North America, how elephants were trapped by hunter-gatherers, what life in a compound is like and how much metal would buy a wife. Discover what ulani warriors and their horses wore into battle, how a thatched house is built, the mysteries of the secret societies and how gourds are carved. And much, much more!

This text is part of a series of reference books designed for children aged nine years and upwards. The books contain exploded view photographs and over 3000 specific words presented in a labelled form, both of which are designed to help expand the child's knowledge and vocabulary. This book looks at buildings - specially built architectural models were taken apart to produce totally accurate exploded photographs. Other books in this series look at The Human Body, Animals, Ships and Sailing, Everyday Things, Cars and Military Uniforms. The Eyewitness Visual Dictionary of Animals was nominated as a 1991 Best Book for Young Adults by the American Library Association.

Plant the garden of your dreams and transform your outdoor space with award-winning Royal Horticultural Society garden design experts. Whether you're looking to revive a tired flowerbed or simply looking for new garden ideas, the RHS Encyclopedia of Garden Design will show you how to make your ideal garden a reality. Even if you're new to gardening, you can grasp the fundamentals of garden design, find a style that suits you, and bring your ideas to life. This design bible is packed with advice to guide you from planning to planting. From preparation such as choosing the correct materials for your structures and assessing your drainage, to laying patios, making ponds, and planting perennials, the RHS Encyclopedia of Garden Design is with you every step of the way. Discover inspirational portfolios including modernist, sustainable, Japanese, urban, family, and cottage gardens. Understand the unique features of each garden style, create your own plan, and marvel at case studies showcasing the gold standard of each garden type. With a handy visual dictionary and coverage of all the latest gardening trends, this book combines style with substance to guide you as you plant your perfect outdoor space.

Artifacts, artwork, sacred objects, and modern-day photographs combine to help readers explore the traditions, culture, and history of one of the world's greatest and complex religions.

DK Eyewitness Books: Future is a spectacular and informative guide to the 21st century and beyond. Original photography and artworks illustrate the extraordinary visions of the future of scientists, artists and inventors through the ages, offering a unique "eyewitness" view of a world we are yet to know. See an insect robot learning to walk, a

hypersonic plane, a calendar for the next century, a space hotel and a millennium tower that will house 50,000 people. Learn the way genetic engineering will affect future foods, how a spaceship will be driven by antimatter and how large the world's population will be in 2050. Discover how a woman can work a flight simulator with her mind, the medical advances that will prolong life, the cyberpets that will be the companions of the future, and much, much more! The most trusted nonfiction series on the market, Eyewitness Books provide an in-depth, comprehensive look at their subjects with a unique integration of words and pictures. An in-depth look at the phenomenon of global warming--what's causing it, what it might lead to, and what we can do to fight back.

Explore the world's greatest buildings! Architecture is filled with amazing illustrations and photographs that take you to the heart of the world's landmark buildings. Get the opportunity to look beyond the facade. Examine materials and technology that shape buildings, and identify the key elements and decorative features of each architectural style. This is the best definitive visual guide on architecture; it covers 5,000 years of architectural design, style, and construction from airports to ziggurats. Dissects architectural wonders inside and out Includes palaces, great temples, cathedrals and towering modern skyscrapers

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