

Explanatorium Of Nature

The ultimate book of knowledge for kids aged 7 to 9, this thorough children's encyclopedia contains all the homework answers your kids will need, explained clearly and checked by experts. An engaging, traditional-style general reference book for kids covering all the key subjects including Arts, People, History, Earth, Nature, Science, Technology, Space, and the Human Body in alphabetical order. This encyclopedia for children is a must-have resource for every student's shelf, with age-appropriate, jargon-free text accompanied by stunning, detailed images covering over 240 topics all in one place, from science and nature to history and the arts. Essential for any child who wants to discover as much as possible about the world around them. Packed with information, each single-page entry in this fabulous kid's encyclopedia features a key topic explained in a concise manner accompanied by gorgeous visuals, fun facts about the world and extensive cross-references revealing the links between subject areas. Kids can learn about Ancient Rome, chemistry, evolution, microscopic life, robots, Vikings, and so much more. Written, edited, and designed by a team of experts, vetted by educational consultants, and properly levelled to the reading age, this is the ultimate knowledge book for kids. Explore, Wonder And Learn! The ultimate illustrated children's encyclopedia is packed with thousands of incredible and essential facts on favourite subjects! Beautiful illustrations, colourful maps, and magnificent photographs bring every single page to life. Inspiring and informative, the DK Children's Encyclopedia is a book of wonder that will absorb and engage children of all ages. This kid's educational book covers topics like: - Storytelling, changing the world, music and war - Films, technology, inventions, food and clothes - Explorers, planets and pets - And so much more!

Science and technology, nature, geography, culture, sports and hobbies, and history all combine in this mind-blowing visual encyclopedia. From incredible insects and musical instruments to spacecraft and prehistoric life, and from art and earthquakes to American football and dogs, Picturepedia gives you a world of information on every page. Did you know that more than half of the human body's weight is water, and that a koi carp can live for more than 200 years? Or how about there being more than 20,000 islands in the Pacific Ocean, or that Turkey eats the most bread, with each person getting through 104.6 kg (230.5 lb) of it per year? First published in 2015, Picturepedia has been revamped into a more thrilling edition that will take you on a visual odyssey. This brilliant book is crammed with stunning photographs, gripping information, and explanatory diagrams that allow for fascinating discoveries. New and updated and jam-packed with thousands of pictures and fascinating facts about science, nature, culture, sports, and history, Picturepedia is the ultimate visual encyclopedia.

An original look at history that profiles 30 children from different eras so that children of today can discover the lives of the cave people, Romans, Vikings, and beyond through the eyes of someone their own age. History books often focus on adults, but what was the past like for children? A Child Through Time is historically accurate and thoroughly researched, and brings the children of history to life-from the earliest civilizations to the Cold War, even imagining a child of the future. Packed with facts and including a specially commissioned illustration of each profiled child, this book examines the clothes children wore, the food they ate, the games they played, and the historic moments they witnessed-all through their own eyes. Maps, timelines, and collections of objects, as well as a perspective on the often ignored topic of family life through the ages, give wider historical background and present a unique side to history. Covering key curriculum topics in a new light, A Child Through Time is a perfect and visually stunning learning tool for children ages 7 and up.

Travel thousands of years into our past and discover the significant events that shaped the world as we know it. This book includes short, descriptive explanations of key ideas, themes, and events of world history that are easy to understand. Explore topics such as the founding of Baghdad, the colonization of the Americas, and the inception of Buddhism without complicated jargon. This book is part of DK's award-winning Big Ideas Simply Explained educational series that uses witty graphics and engaging descriptions to enlighten readers. Don't stop at American history, explore the world! This book is full of fun facts from the human story, going as far back as the origins of our species to space exploration today. Discover all things revolution, from the French to the digital, including the rise of the internet. Enjoy short and sweet biographies of some of the most important thinkers and leaders throughout history, like Martin Luther, Charles Darwin, and Nelson Mandela. You'll learn who said famous historical quotes, and what they really meant when they said it. Big Ideas This is a modern twist on the good old-fashioned encyclopedia, now easier to follow with diagrams, mind maps, and timelines. Step-by-step diagrams will have you reviewing your ideas about history. Start from the very beginning: - Human Origins 200,000 years ago - 3500 BGE - Ancient Civilizations 6000 BGE - 500 CE - The Medieval World 500 - 1492 - Early Modern Era 1420 - 1795 - Changing Societies 1776 - 1914 - The Modern World 1914 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The History Book is part of the award-winning Big Ideas Simply Explained series from DK Books. It uses innovative graphics along with engaging writing to make complex subjects easier to understand.

This comprehensive visual encyclopedia explores World War II in fascinating detail and explains why this global event must never be forgotten. World War II: Visual Encyclopedia shows children the causes, battles, people, and aftermath, while cutting-edge CGI technology brings infamous events back to life. Learn about weaponry, tanks, ships, aircraft, campaigns, and military strategies. Read firsthand accounts of major campaigns and battles throughout the war. Uncover hundreds of biographies of wartime leaders and brave soldiers who served on the battlefields. Find out how technological advances influenced the final outcome. Key information is available at a glance, alongside data boxes, facts and stats, and inspiring quotations. From the fastest fighter plane to the longest battle, you'll discover everything you ever wanted to know, and much, much more. Whether you're a history buff or simply want help on a school project, this standout reference covers every aspect of World War II and the important part it has played in world history

Experience the full force of nature with this stunning visual encyclopedia celebrating the world's most wonderful wildlife. With an inspiring foreword by leading naturalist and wildlife photographer Chris Packham, this epic adventure takes you across the continents to meet all creatures big and small. You'll visit the deserts of Australia, the grasslands of Africa, the rainforests of South America, the mountains of Asia, and the coral reefs of Australia on this mind-blowing tour to meet the incredibly diverse range of life on Earth. Breathtaking photography, animal profiles, accessible maps, and facts and stats combine to create this standout reference title. Revealing a wealth of species across hundreds of spectacular pages, Wildlife of the World introduces you to animals that roam, swim, and fly in each and every part of our planet. Calling all globe-trotters, nature enthusiasts, and biology students, this is your chance to experience the animal kingdom as never before and gain an absolutely essential addition to your home library. Produced in association with the Smithsonian Institution. Reviews: "[G]orgeous coffee table book of animal life across the planet...This book is a perfect reference guide, a delight to page through..." - Publishers Weekly "If there's a must-have coffee-table book, this is it." - The Sacramento Bee "Beautifully illustrated with handsome photographs." - Booklist (Starred Review) "[A] big book filled with great photography." - St. Louis Post-Dispatch "Like a classic children's treasury book, this lavish work is an ideal option for researchers and browsers alike." - School Library Journal (Starred Review)

Explanatorium of NaturePenguin

With a visual approach to the STEM subjects, this book makes science easy to understand and shows kids how things work. From molecules and magnetism to rockets and radio waves, How to Be Good at Science, Technology, and Engineering makes complex scientific concepts simple to grasp. Dynamic, visual explanations break down even the trickiest of topics into small steps. Find out how a hot-air balloon

rises, how erosion flattens mountains, how light waves zip through space, and how the human eye sees colors. Cool illustrations show the application of science in the real world: see how microchips, tractors, and suspension bridges work. "Try it out" boxes suggest ways children can see the science for themselves. Hands-on projects feature fun experiments to try at home or school: polish up old coins in vinegar, make an erupting volcano with baking soda, learn about different types of solutions, and more. With STEM (science, technology, engineering, and math) subjects ever more important in today's technological world, here is the perfect book to inspire and educate kids and prepare them for the future. All core curriculum areas of science are covered, including physics, biology, chemistry, earth science, and space science.

Take a roller-coaster ride through the past with this fact-including and visually stunning children's history encyclopedia. Discover the major turning points in history, from the evolution and migrations of early humans, to the rise and fall of great empires such as Ancient Rome and the Aztecs. Get the inside track on wars and conflict, including European knights, Japanese samurai, Inca warriors, and the major clashes of World War I, World War II, the Cold War, the War on Terror, and so much more. This visual reference encyclopedia uses stunning photographs and supporting illustrations to trace the history of science from Ancient Greece, through the major contributions of the Islamic world, the Scientific Revolution, the Space Race, and on to modern technology. The arts, religions, and ideas are also showcased, from Australian Aboriginal Dreamtime, the Renaissance, and Greek drama to the origins of major world religions, such as Christianity and Buddhism. Explanatorium of History is the ultimate visual encyclopedia for kids ages 10-14, telling the story of "us," from the dawn of human history up to the present.

Let the experts at the Royal Botanic Gardens guide you around the beautiful and mysterious world that is the plant kingdom. From regulating the air we breathe to providing food, clothes, fuels, and medicines - plants are fundamental to our lives. Discover an extraordinary diversity of species, which includes a grass that grows a meter a day, roots that breathe air, and "queen of the night" cactuses whose rare blooms vanish before dawn. In a combination of art and science, Flora celebrates plants from majestic trees to microscopic algae, explaining how they germinate, grow, and reproduce. It presents species that have evolved to accommodate pollinating insects such as the foxglove, and plants that have adapted to flourish in even the most hostile of habitats. Pierre-Joseph Redoute in the 18th-century was described as the "Raphael of flowers". Flora showcases his botanical paintings as well as those of Georg Ehret and others in this gorgeous visual celebration of plants through the ages. Whether you are a keen gardener, naturalist, or botany student, this beautiful book is a treat that will entice, inform, and amaze.

A monumental and extraordinarily beautiful guide to Earth's wildlife and natural wonders - its rocks, minerals, animals, plants, fungi, and microorganisms - this book was 5 years in the making. Covering more than 5,000 species, it is one-of-a-kind; the only book to offer a complete visual survey of Earth's natural history. Packed with thousands of stunning, specially commissioned photographs, The Natural History Book was written by a worldwide team of natural history experts. These writers introduce and explain each geological and biological grouping in an engaging and highly informative way, making this book the perfect addition to every family bookshelf, as well as an ideal gift for every nature lover. From granites to grape vines, from microbes to mammals, The Natural History Book is a true visual dictionary of every kingdom of life.

Delve into the world of WWE with the most expansive all-encompassing e-guide ever produced on sports entertainment! Get all the history, facts, and stats on the Superstars you love in the updated WWE Encyclopedia of Sports Entertainment. This bumper new edition packs more than 1,100 Superstars into more than 400 exciting pages, making it the perfect reference e-guide for the WWE universe. This expansive e-guide features the most controversial, charismatic, and revered Superstars from all eras and sports entertainment brands, including the most popular Superstars such as Bret "Hit Man" Hart, John Cena, Becky Lynch, Ronda Rousey, and The Rock. This encyclopedia covers it all, from the unbelievable championship wins and thrilling bouts on SmackDown, RAW and NXT, to the Royal Rumble and the grand spectacle of WrestleMania. With stunning visuals and in-depth commentary, the WWE Encyclopedia, 4th Edition brings together the entire WWE roster in one tremendous volume! Relive the history and excitement with this massive ebook dedicated to the thrilling world of WWE. TM & © 2020 WWE. All Rights Reserved.

Answering any question a child could ever have with over 500 images & illustrations, Did You Know? is a first reference book for school children. Inquisitive young minds tend to have a never-ending curiosity about the world around them. This book focuses on what they really want to know about nature, science, history, and more, putting things in easy to understand question and answer format. There's so much more to know than you ever thought possible. Bursting at the seams, this 160-page children's reference book is packed with eye-catching 3-D digital illustrations, photographs, diagrams and more to answer your every question. Questions like "Why does it rain?", "Which animals have houses?", "What was a gladiator?" are all answered with clear and engaging text for kids to learn on their own! Did You Know? covers a wide array of topics about the natural world, what happened down the ages, and what's going on in space. Learn all about the "how, when, where, and whys". Their favorite subjects are all here - from dinosaurs and ancient civilizations to geographical knowledge on weather, rocks, and minerals. Open young minds to the wonder of the world around them and sharpen their knowledge through fun quizzes and facts. Soon they will be the ones asking others, "Did you know?" Find The Answers To Those Burning Questions This book teaches you about a wide selection of interesting facts broken down by subject and put in accessible terms that are ideal for elementary school children ages 6-8. Each page is packed with wonderful thought-provoking images and attempts to answer those thoughts through the facts on the very same page. Did You Know? encourages your young reader to find out more on their own. The easy-to-digest chunks of information and quick quizzes fuel their thirst for knowledge and more information. In this book, you will learn about: - The Earth, Space and the nearest Planets - The living world and its inhabitants - History, from dinosaurs to mankind's greatest achievements - Science and technology - The human body & more Did You Know? Amazing Answers To The Questions You Ask is part of the educational series Did You Know? Encyclopedias. Complete the collection and learn more about the world around you and the questions you ask, science, and space.

Break through the glass ceiling with six incredible women whose scientific research changed the world. Katherine Coleman Johnson. Eugenie Clark. Marie Tharp. Gertrude Elion. Florence Hawley Ellis. Eleanor Margaret Burbidge. Acclaimed author Laurie Lawlor deftly paints portraits of each of these figures who refused to take no for an answer, pursuing their passions through fieldwork, observations, laboratories, and research vessels in the face of sexism, racism, and more. This diverse group of women, all with awe-inspiring accomplishments, were active mentors and determined people who wouldn't take no for an answer. The beautifully written book includes key photographs, a glossary, and source notes. A 2018 NSTA-CBC Outstanding Science Trade Book for Students K-12!

Unearth the stories behind the natural world This collection of amazing animals, plants, rocks and minerals, and microorganisms will wow children and adults alike. With 100 remarkable items from the natural world, from orchids to opals and lichens to lizards, everyone will find something to be captivated by. Each plant, animal, and rock is shown both photographically and illustrated, and children will love poring over the detailed close-up images. Discover how the dragon blood tree got its name, why a sundew means big trouble for insects, and what on Earth a radiolarian is. The storybook descriptions let you discover the myths and legends surrounding both organisms and gemstones, as well as key facts about their natural history. From orchids to opals and lichens to lizards, this beautiful treasury lets you find the things that interest you and uncover new favorites along the way. Explore some of the myths and stories surrounding both organisms and gemstones, as well as key facts about their natural history. With reference pages packed with information you'll go away knowing something you didn't before, even if you return time and again. A beautiful gift for children who can't get enough of nature, *The Wonders of Nature: A Treasury* is perfect for kids to explore by themselves or for bedtime stories.

"In graphic novel format, follows the adventures of Max Axiom as he learns about what engineers do and how they work"--

David Dyer's astonishing novel *The Midnight Watch* is based on the true story of the SS Californian, the ship that saw the Titanic's distress rockets and yet, unfathomably, did nothing. A psychological thriller. Sometimes the smallest of human failings can lead to the greatest of disasters On a wretchedly cold night in the North Atlantic, a steamer stopped in an icefield sees the glow of another ship on the horizon. Just after midnight the first of eight distress rockets is fired. Why did the Californian look on while the Titanic sank? As soon as Boston American reporter John Steadman lays eyes on the man who stood the midnight watch on the Californian, he knows there's another story lurking behind the official one. Herbert Stone must have seen something, and yet his ship did nothing while the calamity took place. Now Stone, under his captain's orders, must carry his secret in silence, while Steadman is determined to find it out. So begins a strange dance around the truth by these three men. Haunted by the fifteen hundred who went to their deaths in those icy waters, and by the loss of his own baby son years earlier, Steadman must either find redemption in the Titanic's tragedy or lose himself. Based on true events, *The Midnight Watch* is at once a heart-stopping mystery and a deeply knowing novel - about the frailty of men, the strength of women, the capriciousness of fate and the price of loyalty.

Learn something about everything with 13 mind-blowing facts plus a little myth-buster about every topic under (and including) the Sun! Exploded images of everyday objects, from cars and skeletons to pianos and chocolate, will take you on an incredible factual adventure. Did you know that one in every four animals on Earth is a beetle? Were you aware that white chocolate isn't technically chocolate? Or that the dwarf planet Pluto is so small that two of it could sit side-by-side across the USA? *131?2 Incredible Things You Need to Know About Everything* includes over 1000 facts on 80 different subjects to satisfy your thirst for knowledge. Familiar objects - the Earth, a tiger, an Apollo spacesuit, a scorpion - are exploded to reveal their extraordinary insides. Surprising myth-busters will give you lots of new favorite facts, such as chameleons change color to stand out not blend in and that on sharks on average only kill 6 people annually while people kill 100 million sharks a year! Awesome images will draw you into *131?2 Incredible Things You Need to Know About Everything* and irresistible and fascinating information will keep you there.

A richly illustrated guide to the myths, histories, and science of the celestial bodies of our solar system, with stories and information about constellations, planets, comets, the northern lights, and more. Combining art, mythology, and science, *What We See in the Stars* gives readers a tour of the night sky through more than 100 magical pieces of original art, all accompanied by text that weaves related legends and lore with scientific facts. This beautifully packaged book covers the night sky's most brilliant features--such as the constellations, the moon, the bright stars, and the visible planets--as well as less familiar celestial phenomena like the outer planets, nebulae, and deep space. Adults seeking to recapture the magic of youthful stargazing, younger readers interested in learning about natural history and outer space, and those who appreciate beautiful, hand-painted art will all delight in this charming book.

Get closer to nature than you've ever been before with this jaw-dropping guide to our wonderful world. Marvel at the breathtaking photography showcasing flora and fauna in the most incredible, intricate detail. From ants to elephants, the animal kingdom is explored and explained in this extraordinary encyclopedia that puts you at the heart of the action. See the tiny spines on a stinging nettle, watch lichen spreading over a tree, and observe the secret suckers on an iguana's feet. The mysteries of the natural world are displayed in brand new images, together with cross-sections, macro, and electron microscope images. Alongside the utterly absorbing visual content, *Explanatorium of Nature* brings its own fountain of knowledge about how nature works. For instance, did you know baby foxes that are born with blue eyes turn to gold? Or that reptile scales are made from the same material as your fingernails? Discover how spiders spin webs, how birds fly, how snakes kill, and much, much more. This irresistible ebook is a guaranteed favorite for animal lovers, nature enthusiasts, and budding wildlife experts everywhere.

Plunge into the diversity of the animal kingdom in this *Encyclopaedia of Animals*. Packed with over 500 creatures, every one is looked at in detail by a natural history expert. From the tiniest sponge to the largest elephant, all entries are gloriously illustrated in this spectacular celebration of life on Earth.

A special anniversary edition to celebrate 150 years since Beatrix Potter's birth. DK's *The Ultimate Peter Rabbit* traces the true story behind the mischievous rabbit who has captured the hearts of children all around the world. See the first Peter Rabbit merchandise and his journey from page to stage to screen. Discover the real-life places that inspired the tales, from Squirrel Nutkin's lake to Mrs. Tiggy-Winkle's hillside. Explore Tom Kitten's farmhouse in the Lake District and pore over original archive illustrations, sketches, and photographs. *The Ultimate Peter Rabbit* has been updated to continue the story of how Peter Rabbit has grown and evolved in the 21st century.

Learning about art through the ages has never been as interesting or fun as in this humorous and very informative graphic novel. As two kids give their grandpa a tour of Paris, he starts an interesting conversation with them--about where all the art they see in their lives--from the movie house to the stadiums to museums and even the subway-- started. Dad's impromptu history lesson goes back to the first Cavemen drawings to the pyramids of Giza, and by the end of the book includes Greco-Roman feats of ingenuity and the frescoes of the Renaissance. Recounted as a narrative about why different civilizations created different kinds of art, centuries of art history are explored entertainingly for young readers. Iconic works, such as Donatello's *David* and *The Book of Kells*, are included as well as architectural feats like the Colosseum. Written by a tour guide for museums and historic landmarks, the text is designed to entertain (with many funny asides and jokes) as it informs. The illustrations accurately portray the art and the artists described, with flavor and humor added to keep readers turning the page. Reproductions of the featured artworks and information about each piece are included in the back, along with a glossary of terms.

Explore the everyday miracle of the animal kingdom. With spectacular, studio-quality photography and clear explanations, this ebook reveals the incredible anatomy, behaviour, and beauty of every type of

creature, from hair to scale and whisker to tail. This elegant introduction to zoology offers interesting views, angles, and close-ups that show you animals in surprising detail. The unique nose-to-tail approach, with chapters on different body parts, allows you to focus in on the beauty of the antenna of a moth, the flight feathers of a parrot, or the feeding tentacles of a jellyfish. It explains how form relates to function - how each feature is an evolutionary answer to the challenges of environment and lifestyle. Features on key animals combine photography from the field with rounded descriptions of star species. These species are glowing examples of hunting, speed, camouflage, or any topic in question. The Science of Animals also explores how we have depicted animals in art, from zoological drawings that recorded new discoveries to great paintings inspired by a deep connection to the natural world. With fascinating stories, such as how animals communicate, defend their territories, and attract mates, The Science of Animals offers an engaging introduction to the diversity of the animal kingdom.

A bold, accessible, illustrated guide that delivers real scientific information on how the body works with a healthy side of fun facts and trivia. If you've ever searched the Internet for information on that odd rash on your arm, advice to help you get the best night's sleep, or tips for staying healthy during cold and flu season, you know there is skill to sorting fiction from scientific fact. How the Body Works uses clear, easy-to-understand graphics and illustrations to demystify all the complex processes that keep our bodies alive and thriving -- from the basic building blocks of the body, our cells -- to skin, muscles, and bones and the ways in which our many parts work together. Learn about the senses, how we read faces and body language, nutrition and immunity, the brain, sleep, memory, dreams, and much more. Each chapter takes you through a new body system and includes surprising facts like "there are no muscles in the fingers and toes" and "by the time you finish reading this sentence, 50 million of your cells will have died and been replaced." With How the Body Works, you'll understand the how and why as well as be wowed by the astonishing ways our bodies work.

A whimsical and imaginative catalog of fantastical beasts and creatures of myth and legend from around the world-complete with a code that needs cracking to uncover the mystery of the monster atlas! One day a collection of very old maps is found in a dusty library. They show where in the world monsters and creatures from mythology and folklore can be found. According to the notes left with the maps, they were made by Cornelius Walters, an intrepid explorer from the 15th century. But did Walters really make these elaborate maps, or is it all a hoax? The librarian who discovered them is not certain . . . and what are the strange messages in a cryptic code that Walters records in his ship's log? The codes throughout, once cracked, may indeed lead to something sinister that will happen should the atlas ever be published! This is a gorgeously illustrated and comprehensive catalog of monsters, beasts, and mythical creatures from around the globe, with an easy-to-read format and incredible detail on each spread. If you're wild about animals, this visual encyclopedia is the ultimate page-turner, bringing our planet's creatures together in spectacular style. This inspiring children's reference guide welcomes you to the animal kingdom where you can meet more than 1,500 species, ranging from ants to zebras and everything in between. Stunning pictures bring you face to face with giant predators you know and love, including polar bears and tigers, as well as mysterious microscopic life, including amoebas and bacteria. A variety of animal habitats are shown in beautiful detail, while accessible information, additional fact boxes, and amazing galleries complete the stories. A jaw-dropping spectrum of animal types - from fish and birds to reptiles and mammals - provides a learning experience like no other. Whether you're a budding naturalist or simply want to complete a school project, The Animal Book has got it covered.

Complete Atlas of the World, 3rd Edition is now fully revised and updated to reflect the latest changes in world geography, including the annexation of Crimea and the new nation of South Sudan. Bringing each featured landscape to life with detailed terrain models and color schemes and offering maps of unsurpassed quality, this atlas features four sections: a world overview, the main atlas, fact files on all the countries of the world, and an easy-to-reference index of all 100,000 place names. All maps enjoy a full double-page spread, with continents broken down into 330 carefully selected maps, including 100 city plans. You will also find a stimulating series of global thematic maps that explore Earth's place in the universe, its physical forms and processes, the living world, and the human condition. From Antarctica to Zambia, discover the Earth continent-by-continent with Complete Atlas of the World, 3rd Edition.

Follows the footsteps of life from the very first creatures and sea animals, to plants and arthropods leaving the water to live and walk on land, the evolution of reptiles and mammals, up to the early humans. Photographs of fossils, skulls, models and reconstructions are included.

This stunning illustrated children's book takes an innovative look at the circle of life, including animals, dinosaurs, stars, volcanoes, and even YOU. Everything has a beginning and an end, but what happens in between? Follow the migration of zebra across the vast plains, meet penguins guarding their eggs on the ice, and watch butterflies emerge from their cocoons. Shoot back in time 4.5 billion years to see how planet Earth was formed and then leap into the future to see what happens when stars die. Discover a new life cycle every time you turn the page. You'll take a closer look at the life cycles of environments, too. Discover how a river forms and changes over time. Find out how a tree grows and all of the other life cycles it supports within it. See the amazing sculptures the ocean waves carve out of cliffs. Dive beneath the surface to see how coral reefs form, and what causes them to die. Follow the life cycles of weather--from the water cycle to ice ages, to give you a better grasp of the climate situation we find ourselves in now. From the single-celled amoeba to how the Earth formed, the life cycles in this ebook have been carefully chosen to give you an amazing overview of the universe, and how everything is intricately linked. Filled with facts to amaze your friends, stunning photography, and beautifully detailed illustrations by Sam Falconer, Life Cycles gets to grips with the essence of life itself.

From the #1 New York Times bestselling World Almanac™ comes a full-color, full-of-fun, oversize book packed with thousands of awesome facts about science, nature, and people—everything on planet Earth and beyond. Kids want to learn about the world around them, and with this engaging, colorful collection of facts, figures, photographs, and fun, they will. Perfect for home or for school, and a great gift for any curious reader, here are thousands of fascinating and surprising facts about almost everything: Animals—Dogs, cats, snakes, insects, spiders, sharks, and more Culture—Art, holidays, food, movies, and more Disasters—Earthquakes, shipwrecks, floods, storms, and more Geography—Oceans, mountains, continents, habitats, and more Geology—Volcanoes, tectonics, minerals, gems, and more Human Body and Medicine—Diseases, organs, senses, and other weird and wonderful human body facts. Record-setters—All about the biggest, smallest, fastest, tallest, and more Space—The moon, stars, planets, human spaceflight, and more Sports—Basketball, baseball, football, hockey, Olympic, and soccer superstars past and present, and more Technology—Computers, drones, inventions, and more The

World Almanac™ 5,001 Incredible Facts for Kids on Nature, Science, and People provides kids, teachers, and families timely and timeless information on an enormous variety of subjects. It will give readers hours and hours of fun while it educates and illuminates.

Learn how to think like a scientist and discover the skills it takes to bring scientific theories and practical experiments together at home. Maker Lab Outdoors takes kids on a journey to better understand the world of science that will keep the whole family curiously experimenting for hours. Everything around your household is an apparatus. Maker Lab Outdoors book teaches your aspiring scientist how to use common household items to conduct dozens of mind-blowing science experiments. The book displays rich visual illustrations, easy to follow step-by-step instructions and rigorous attention to detail. It also contains activities that can be enjoyed by the whole family. Each science activity has a clear how it works explanation, revealing the fascinating science behind the experiments, along with real-world examples. The best way to learn is to have fun. This easy to read and understand book about science contains facts and experiments suitable for young aspiring scientists. Learn The Science Behind Every Experiment Play pretend your favorite scientist or become one at home. Maker Lab Outdoors takes you on a step-by-step guide on how to do sensational science experiments like creating enormous bubbles, explore freeze-thaw action and constructing a compass using everyday materials in the great outdoors. This book will inspire you to start conducting your own experiments and exploring the principles of science. This interactive science book supports STEM education initiatives, a must have for every young scientist curious about their surroundings. Written by Author Robert Winston, a world-renowned scientist who has combined ground-breaking academic work with an ability to communicate ideas in a method of general understanding. Maker Lab Outdoors explores the science of: - Earth and Sky - Water Power - Nature Watch - World of Weather - Space - And more Maker Lab Outdoors: 25 Super Cool Projects features twenty-five science projects and experiments to be done outside using common household items, sparking kids' creativity and helping them develop science skills through hands-on learning.

Come face-to-face with 150 of the world's scariest killer creatures, from the lion and great white shark to the tarantula, anaconda snake, golden eagle, vampire bat, and even the fierce ant! The ebook profiles every kind of animal--mammals, reptiles, birds, fish, insects, and arachnids. Chapters are arranged according to how these dangerous predators kill. Do they use jaws and claws, venom, stings, traps, tricks and cunning, or mass invasion? With more than 200 spectacular photos in the ebook, every page has a stunning image of the animal in action, with data files giving a visual e-guide to its size, distribution, diet, and habitat, as well as a rating of its "scare factor." Each profile features bite-size text that will appeal to all readers. Discover key facts about how the animal lives (is it solitary or a pack animal?), intriguing anatomy (the platypus is famously one of the few venomous mammals, but did you know that the venom comes from the hind leg on the males only?), and of course, their method of attack (such as chasing prey to exhaustion, launching an ambush, or paralyzing with poison). Further fascinating facts can also be found in the reference section, including deadly defense, family trees, toxins, and prehistoric deadly creatures that are no more.

This fun and friendly science book for kids poses 100 real-life questions from kids to Robert Winston on every aspect of science. Professor Robert Winston was inspired to write this kid's book by the many questions posed by his grandchildren and school children he has met over the years. Perfect for those who always have another "why?", Ask a Scientist injects fascinating fun into science for kids. The inside of this book is packed with real questions that real children are asking. These questions have piled in from every corner of the world including the USA, Canada, the UK, Ireland, Europe, India, China, and Japan. DK received a phenomenal number of responses from the survey they sent out, coming back with so many great questions to choose from! The questions were carefully selected to cover the main science topics. From chemistry, physics and the human body, to all about the Earth, space, and the science of nature. They are fun, engaging, and, dare we say include some wonderfully weird questions that many adults wouldn't dream of asking. Ask A Scientist focuses squarely on kids - what they want to know and how best to give them the right answer. We think you'll find a lot of the questions in this educational book will sound familiar and the format really lends itself to engaging young readers with just the right amount of detail. It's also brimming with illustrations that do a fabulous job of informing the content. Science can be a tricky subject for kids and this children's book truly gets a fresh perspective on it through a child's eyes. Full of fun facts about the world of science, it's the perfect book for kids who dream up infinite why's about the world around them. What's wonderful about how it's written, is that it highlights the flexibility of science and how not knowing something strengthens its foundations. By creating a book from questions, it shows children how science always has more to answer. Ask The Questions - Find The Answers! Kids from all around the world have sent us their most pressing, and sometimes outlandish, questions. Professor and TV personality Robert Winston is here to answer them in this fun, friendly and accessible kid's science book. Why is the sky blue? Do Aliens exist? How do fish see at night? Find the answers to these questions and more covering a range of topics like: - Chemistry - Space - The Human Body - Earth - Physics - Natural Science

A stunning visual reference book for little geologists who love to find fascinating rocks all around them. Identify colorful gemstones, sparkly crystals, the toughest rocks, and ancient fossils. Packed with fun facts, information, and extensive photos all about the rocks and minerals that make up the world around us. Interactive learning that engages young scholarly minds. Learn about 64 different types of rocks and minerals, how to tell the difference between them and where to find them. Dig into all the interesting geological materials from deep space to the deepest caves. You'll even discover glow in the dark minerals and living gems! Find out about the stuff our world is made of, and how rocks and minerals form over time. This captivating book introduces children to hands-on science with fun activities like starting your own impressive rock collection and how to stay safe on your rock finding missions. Written for kids aged 6 to 9 with bite-sized information and explanations. The easy-to-understand language gives them a rock-solid foundation for

science subjects. The geology book includes the phonetic pronunciation of the rock and mineral names so your little one will sound like a rock expert in no time. *Rockin' It With Stones And Minerals* - Stunning high-quality photographs. - Inspiring activities for little Earth scientists. - Over 64 types of rocks, their properties, and how they are formed. This guide explores the mysteries of animal migration over land, through oceans, and by air. With more than 300 color photographs, maps, and illustrations, it covers every continent as it traces the routes of some 50 remarkable migrations -- including those of polar bears, wildebeest, hummingbirds, iguanas, and sharks. The author describes the navigation, reproduction, and feeding strategies of these animals and discusses migrations that stand out for their extraordinary challenges, such as those that take animals unthinkable distances across hostile territory. This book also includes a catalog of migration hot spots around the world -- places where the planet's greatest animal voyages can be observed.

Explore 13 billion years of history in the comfort of your own home! Journey through time and discover how some of the world's greatest events unfolded. From the Big Bang all the way through to the digital age, this incredible visual encyclopedia for children shows you just about everything that has ever happened in history. Witness history come alive as you travel through more than 130 stunning timelines. Packed with fantastic photographs and illustrations, along with informative text and fun facts. The history book covers the rise and fall of empires to ground-breaking scientific breakthroughs and inventions that changed our lives. This educational book is an imaginative way of illustrating world history for children age 8 and over. Throughout the pages, your child will get to meet the most bloodthirsty pirates of all time and discover what happened during the storming of the Bastille. It's a fantastic book for young readers with a natural curiosity about history around the world. Find your place in the world and understand where you fit in. Whether you want to discover the history of cinema, fashion, aviation, or espionage. There is something for everyone in this glorious guide through global history! *The History of Everything... Ever!* This fascinating reference book tells the story of a diverse range of subjects throughout history in an easily digested graphic format! After your kids dive into this book, you'll never hear them use the words "history" and "boring" in the same sentence again. Take a trip back in time! This history book covers the following eras: - Prehistory: Before 3000 BCE - The Ancient World: 3000 BCE - 500 CE - The Medieval World: 500 - 1450 - The Age of Exploration: 1450 - 1750 - The Age of Revolution: 1750 - 1914 - The Modern World: After 1914

The only science encyclopedia for children you'll ever need, with amazing photography that shows and explains how chemistry, physics, and biology work. Watch as mixtures merge and matter changes state. Discover how some chemical changes can be reversed, yet others can't, and why some reactions go with a bang! See bacteria at work in the world around us, and even inside the human digestive system. Understand the tricks that light plays and unlock the secrets of electricity to find out how it powers the bulbs in your home. Whether it's elements, evolution, or energy, the world of science is brought to life by stunning photographic explanations that answer the biggest and smallest questions about our Universe. Packed full of astounding close-up images, *Explanatorium of Science* is the ultimate guide to how the world works, explaining every aspect of science from gigantic galaxies to tiny cells and miniscule atoms.

Describes the plants and animals found in different regions and habitats throughout the world.

'One of a kind. Utterly fantastic.' Eoin Colfer on *Tin David and Penny*'s strange new home is surrounded by forest. It's the childhood home of their mother, who's recently died. But other creatures live here ... magical creatures, like tiny, hairy Pog. He's one of the First Folk, protecting the boundary between the worlds. As the children explore, they discover monsters slipping through from the place on the other side of the cellar door. Meanwhile, David is drawn into the woods by something darker, which insists there's a way he can bring his mother back ...

Math makes the world go around. An educational book that will give you surprising answers to everyday math challenges. This ebook unpacks how math is an essential part of our everyday life in ways that you never thought of. Full of crazy facts, magic tricks, and mathematical brainteasers and beautiful illustrations show you that math is interesting, fun, and not intimidating at all! Ever wondered where math originated from? This fantastic educational ebook unpacks all the curious questions that your child has about math including intriguing historical stories that explore the often-surprising origins of math that we use in our daily lives. Learn about how the formation of number sequences began, to the origins of trigonometry, and find out how to become a trillionaire! Math in our daily lives is used in many things that might not even seem that obvious. *Math Controls Just About Everything* Inspire your children with numbers and help bring mathematical explanations to life with this engaging educational book. Expand their knowledge in the complexity of understanding math by using simple illustrative examples. To make these topics more exciting and impactful, the ebook is full of great puzzles, awesome games, and interesting facts that will break barriers in their understanding. "Try it out" examples give mathematical explanations that are simple and easy to grasp. *What's The Point Of Math?* will not only change your child's perception of numbers but give them the skills and understanding to apply the principles in their everyday life! This educational ebook explains the point of: - Numbers and counting - Shapes and measuring - Patterns and sequences - Probability and logic - Data and statistics

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