

National Geographic Science Of Everything How Things Work In Our World

Looks at the interactions that have occurred between scientists and animal subjects and explains what is being discovered about how and what animals think and feel and the ethical questions that these new findings are raising. A collection of facts about diverse subjects such as food, animals, inventions and more.

"Over 1,111 answers to everything"--Cover.

Uses humour and real science to illuminate the gross, strange, morbid, and outright absurd realities of our bodies, our earth, and our universe.

"Blast off to a universe of photos, facts, and fun!"--Front cover.

Discusses current theories about the natural and physical world and shows how they developed as mankind explored the world around them.

Covers everything from earth sciences to astronomy; from climate and habitats to human arts and cultures; from ancient history to cutting-edge technology; and descriptions, flags, and statistics of all the countries in the world.

Emphasizing the childhood of each famous individual, the books in this series blend personal diaries, school reports, family photographs, and primary quotes to

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create a scrapbook-style layout which gives a close-up look at some of the most influential people of all time.

Preschoolers are full of "Where?" questions, and this next book in the best-selling Little Kids First Big Book series is full of fascinating and often surprising answers for them. This charming reference book zeroes in on location, location, location. More than 200 colorful photos are paired with age-appropriate text featuring answers to questions like, "Where does the sky end?" "Where is the highest mountain?" and, "Where was ice cream invented?" Containing several kid-friendly maps designed to expand the learning experience, this book inspires kids to be curious, ask questions, and explore the world around them.

This far-reaching reference is designed with many entry points and a visually engaging format to satisfy the curious browser, the student researcher, and the earnest knowledge seeker alike.

Combines facts with photographs of volcanoes and earthquake-affected regions to introduce readers to such topics as underwater volcanoes and plate tectonics while offering insight into the world-changing power of natural disasters.

Surround yourself in Everything Spring. Stunning photography and detailed imagery capture the uplifting spirit of our favorite season in this counterpart to the National Geographic bestseller A Tree for All Seasons. We think of spring and we feel warmer, sunny days, we smell the freshness of nature's flowers blooming again, and we picture

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little chicks and furry bunnies. These adorable baby animals are fun to look at and they represent the spirit of renewal and life that is spring. Every young creature finally ventures outside to play as the dreary days of winter fade away and color surround us all. Spring is about being outdoors enjoying all that our wonderful planet has to offer--it's about living life to the fullest. In Jill Esbaum's beautifully photographed picture book, young children can see, hear, and feel the warmth of springtime by reading and learning all about chicks, bunnies, and the other baby animals that come out to play in springtime.

"Information and photographs of scientific theories and facts, for young children"-- Natural phenomena, revolutionary inventions, scientific facts, and the most up-to-date questions are all explained in detailed text that is complemented by visually arresting graphics. Six major sections are further broken down into subsections that encompass everything from microscopic life to nuclear power.

Ever wanted to take apart the microwave to see how it works? Crack open your computer and peek inside? Intrigued by how things work? So are we! That's why we're dissecting all kinds of things from rubber erasers to tractor beams! Read along as National Geographic Kids unplugs, unravels, and reveals how things do what they do. Complete with "Tales from the Lab," true stories, biographies of real scientists and engineers, exciting diagrams and illustrations, accessible explanations, trivia, and fun features, this cool book explains it all!

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"Experiments for young children to conduct to learn about science"--

Why are you attracted to a certain "type?" Why are you a morning person? Why do you vote the way you do? From a witty new voice in popular science comes a clever, life-changing look at what makes you you. "I can't believe I just said that." "What possessed me to do that?" "What's wrong with me?" We're constantly seeking answers to these fundamental human questions, and now, science has the answers. The foods we enjoy, the people we love, the emotions we feel, and the beliefs we hold can all be traced back to our DNA, germs, and environment. This witty, colloquial book is popular science at its best, describing in everyday language how genetics, epigenetics, microbiology, and psychology work together to influence our personality and actions. Mixing cutting-edge research and relatable humor, *Pleased to Meet Me* is filled with fascinating insights that shine a light on who we really are--and how we might become our best selves.

Discover all about how your amazing feline friend thinks, moves, drinks, stays warm, gets clean, cools off, and more, with dozens of fun science-based activities and experiments. Unleash the power of science! Have fun with 22 safe and cat-friendly activities that let you work alongside your cat to discover what makes her tick. Learn how catnip affects your kitty and how she can see so well in the dark. Find out what kind of toys your cat loves by making a feather flyer. How does your cat balance so well and always land on all fours? Each activity is paired with step-by-step instructions, clear and interesting scientific explanations, and cool photographs shot specifically for this book. Hands-on activities and fun information for budding scientists prompt further learning and offer a behind-the-scenes look at current feline research. When you are finished with the book you'll have a vet-worthy profile of the best kitty companion

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on the planet--yours! This book is part of the National Geographic Kids Hands-on Science line which makes science fun and accessible.

National Geographic presents the great outdoors through the world's best auto trips, for nature lovers, hikers, and adventurers. Pack your suitcase, load up the car, and head for the open road! This lavishly illustrated, hardcover travel planner and gift book gives you every bit of information you'll need to navigate 400 amazing driving routes in some of the world's most fascinating locales. This practical travel planner provides specific, in-depth descriptions of the sights each drive offers. A clear, detailed, easy-to-read map of each route. Useful information on the best time to travel. And insider tips to help you get the most out of every fabulous trip. Abundant sidebars call your attention to standout sights along the drive or entertaining background information on the region and its culture. While handy indeed as a planner, *Drives of a Lifetime* doubles as a full-color gift book with more than 200 dazzling, large-format photos and crisp, evocative text that will enchant armchair travelers. The book immerses you in the unique appeal and beauty of hundreds of inviting locales. Sample entries include the road to the spectacular ancient ruins in and around Angkor Wat in Cambodia; the Natchez Trace Parkway, along an ancient Native American trail through Mississippi; the scenic old coastal route from Dublin to Wexford in Ireland; an off-road dune drive in Dubai; the famous ocean views along the Cabot Trail in Nova Scotia, Canada; the Winelands Route through South Africa's Western Cape; a drive among the incredible land formations in South Dakota's Badlands; and an archaeological tour through Syria. In addition, you'll find several fun Top Ten lists: skyscraping drives, Mediterranean island roads, African wildlife excursions, and more. Chapters organized by theme include Ultimate Road Trips, featuring famous drives such as

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Highway One down the California coast; Over Hill and Mountains; By Sea and Shore; The Road Less Traveled, highlighting unpaved and untamed routes and safaris; Village Byways through some of the world's most picturesque hamlets; and Historic Trails, tracing the paths of history's great builders and explorers. Whether you travel these storied routes by car or through the pages of the book--countless wonders await your discovery in Drives of a Lifetime. A comprehensive, visual reference, enhanced by two thousand photographs and illustrations, provides information on all major fields of knowledge and includes timelines, sidebars, cross-references, and other useful features.

Providing colorful photography, instructive diagrams and everyday examples, this exciting resource reveals the science behind virtually everything and is divided into four sections - Mechanics, Natural Forces, Materials and Chemistry and Biology and Medicine.

"In Everything Sharks, exciting photos depict great whites, hammerheads, and more. Scientists tell hair-raising tales about encounters. With its awesome facts and action-packed images, this book brings kids close to the mysterious lives of sharks."--Amazon.com.

Discover more about the incredible near-future technology featured in the Explorer Academy series and the real-life inspiration behind the science. You've gone on adventures with Cruz Coronado and his fellow recruits as they communicated with whales using the Universal Cetacean Communicator, camouflaged themselves using the Lumagine shadow badge, and deployed octopods to make speedy escapes. Now dive further into the near-future world of Explorer Academy by learning about the real-life scientific discoveries that inspired the gadgets. This cool book profiles real-life National Geographic explorers who devised innovations like RoboBees (Mell); it features cutting-edge tech that's actually being developed,

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and provides empowering stories of how tech is enabling conservation successes. Fields of study cover wearable technology, submersibles, robotics, medicine, space farming, everyday technology, and the world of the future. Every good explorer craves information, and now it's time to amp up your technology knowledge. After all, the near-future world of Explorer Academy is just across the horizon, and much of its tech is already shaping the world we live in.

"Combining leading theories of psychology and behavior with case studies, personality quizzes, and practical advice, National Geographic Mind explores the question we all enjoy asking- Who am I? A companion to National Geographic's *Body and a Brain*, this whimsically illustrated reference explores today's theories of personality, mixing scientific theory with an underlying message-by knowing more about your own psychology, you can have a better life. Chapters start with the anatomy, evolution, and development of the human brain, then move into such interesting areas as intuition, creativity, motivation, faith, and ethics-all facets of a unique personality. Quirky, often funny, always thought-provoking photographs, cartoons, and illustrations bring the message home on every page. Interesting scenarios of mental health and mental deviance make for a lively, readable narrative that combines today's leading theories in the science of the mind and personality with life-enhancing questions, quizzes, practices, and tools for self-discovery. An entertaining book about science, National Geographic Mind connects with the reader in a very personal and ultimately helpful way." This lively introduction to the fascinating world of science explores the different kinds of science, what scientists do, and the amazing things that scientists study:

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animals and plants; oceans and space; earthquakes and volcanoes; sound and light; inventions and more! Make sure kids' first experience of the wonders of science is a thrilling eye-opener with this fun reference book. Fun activities, games, and simple experiments encourage interactive learning, showing kids that anyone can use scientific observation and experimentation to be a scientist and discover new things. With bright images and age-appropriate text, this book inspires kids to be curious, ask questions, and explore the world around them and maybe even grow up to be a scientist one day, too! Topics include astronomy, botany, paleontology, malacology (that's the science of clams, snails, and other animals with shells!), zoology, and more.

Dogs are man's best friend! They are intelligent, inquisitive, compassionate, and funny! Their friendliness combined with their ability to connect to humans make dogs one of the most loved animals in the world. "Everything Dogs" explores the world of these extraordinary animals! Kids will learn all about the characteristics that define dogs, their daily lives, the different breeds, and much, much more! Packed with fun facts and amazing photographs, features "Expert's Corners" that provide exciting, real-life experiences with dogs from a National Geographic explorer, and cool and interactive activities, kids will get an in-depth look at these curious, furry, and lovable creatures--

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Offers an illustrated encyclopedia of general science, with informative and fun facts on a broad array of scientific topics.

Provides answers to commonly asked questions such as "Why does my skin wrinkle in the tub?" and "Why do we see a rainbow?"

Filled with fun facts and amazing photographs, an in-depth look at amazing weather includes real-life encounters as documented by National Geographic tornado chaser, Tim Samaras. Simultaneous.

They fix spacecraft, dance, tell jokes, and even clean your carpet! From the tiniest robo-bees to gigantic factory machines, robotics is all around you. This technology isn't just for science-fiction anymore -- it's real and more relevant than ever. With stunning visuals and energetic, impactful design, readers won't stop until they've learned everything there is to know about robotics.

Provides five thousand facts about everything from water parks and hair to manners and fossils.

A collection of facts about animal companions includes such entries that reveal a cat's top running speed, the numerous facial expressions made by dogs, and a bird's surprising feather weight.

When middle school mishaps happen, five friends form the S.M.A.R.T. Squad and use their collective skills and the power of science to bring order to their

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school. Science reigns supreme with this squad of young brainiacs. Join Izzy Newton and her friends in the first adventure of this fun new middle-grade fiction series from National Geographic Kids. A crowded new school and a crazy class schedule is enough to make Izzy feel dizzy. It may be the first day of middle school, but as long as her best friends Allie Einstein and Charlie Darwin are by her side, Izzy knows it'll all be okay. However, first-day jitters take an icy turn when Izzy's old pal Marie Curie comes back to town. Instead of a warm welcome, Marie gives her former pal the cold shoulder. The problems pile up when the school's air-conditioning goes on the fritz and the temperature suddenly drops to near freezing. The adults don't seem to have a clue how to thaw out the school. Cold temperatures and a frigid friendship? Izzy has had enough of feeling like an absolute zero. She rallies the girls to use their brainpower and science smarts to tackle the school's chilly mystery ... and hopefully to fix a certain frozen friendship along the way. Will the girls succeed and become the heroes of Atom Middle School?

Discover 80 trail-blazing scientific ideas, which underpin our modern world, giving us everything from antibiotics to gene therapy, electricity to space rockets and batteries to smart phones. What is string theory or black holes? And who discovered gravity and radiation? The Science Book presents the fascinating

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story behind these and other of the world's most important concepts in maths, chemistry, physics and biology in plain English, with easy to grasp "mind maps" and eye-catching artworks. Albert Einstein once quoted Isaac Newton: "If I have seen further than others, it is by standing on the shoulders of giants." Follow context panels in The Science Book to trace how one scientist's ideas informed the next. See, for example, how Alan Turing's "universal computing machine" in the 1940s led to smart phones, or how Carl Linnaeus's classifications led to Darwin's theory of evolution, the sequencing of the human genome and lifesaving gene therapies. Part of the popular Big Ideas series, The Science Book is the perfect way to explore this fascinating subject. Series Overview: Big Ideas Simply Explained series uses creative design and innovative graphics along with straightforward and engaging writing to make complex subjects easier to understand. With over 7 million copies worldwide sold to date, these award-winning books provide just the information needed for students, families, or anyone interested in concise, thought-provoking refreshers on a single subject. The essential annual for the 21st century, this high-energy almanac is packed with facts, photos, infographics, time lines, and maps--the perfect stocking stuffer and book to browse all year long. A guide to the world like no other, this vivid and comprehensive book offers the best of National Geographic and more: science,

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nature, history, world cultures, geography, and the environment, illustrated with amazing photography, fascinating infographics, and maps created by expert cartographers. Highlights this year include the James Webb telescope, launching in 2021; a brand-new wildflower guide; a guided tour of the moons of our solar system; a beautiful infographic on jellyfish; and a feature on lithium, central to the work of recent Nobel prize-winning chemistry. Divided into lively chapters including Exploration & Adventure, Life on Earth, and The Science of Us, this year's almanac features top photos from National Geographic's celebrated Instagram account and geniuses past and present including Jane Goodall, Amelia Earhart, and acclaimed conservationist Kris Tompkins, dedicated to preserving much of Patagonia. With new discoveries on every page, this cutting-edge book--called a "category buster" by Booklist--brings you, as Publishers Weekly puts it, "all the things that National Geographic does best."

NY Times best-selling author Dr. Michael Roizen reveals how the food choices you make each day--and when you make them--can affect your health, your energy, your sex life, your waistline, your attitude, and the way you age. What if eating two cups of blueberries a day could prevent cancer? If drinking a kale-infused smoothie could counteract missing an hour's worth of sleep? When is the right time of day to eat that chocolate chip cookie? And would you actually drink

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that glass of water if it meant skipping the gym? This revolutionary guide reveals how to use food to enhance our personal and professional lives--and increase longevity to boot. What to Eat When is not a diet book. Instead, acclaimed internist Michael Roizen and preventive medicine specialist Michael Crupain offer readers choices that benefit them the most--whether it's meals to help them look and feel younger or snacks that prevent diseases--based on the science that governs them.

An in-depth guide to sharks includes information on where they live, how they eat, the challenges they face, and whether or not certain species pose a danger to humans.

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