

My First Book Of Science My First Collins My First

Fans of Chris Ferrie's ABCs of Biology, ABCs of Space, and Quantum Physics for Babies will love this introduction to aerospace engineering for babies and toddlers! Help your future genius become the smartest baby in the room! It only takes a small spark to ignite a child's mind. Written by an expert, Rocket Science for Babies is a colorfully simple introduction to aerospace engineering. Babies (and grownups!) will learn about the basics of how lift and thrust make things fly. With a tongue-in-cheek approach that adults will love, this installment of the Baby University board book series is the perfect way to introduce basic concepts to even the youngest scientists. After all, it's never too early to become a rocket scientist! If you're looking for engineer board books, infant science books, or more Baby University board books to surprise your little one, look no further! Rocket Science for Babies offers fun early learning for your little scientist!

Your brain uses our five senses — sight, hearing, smell, taste, and touch — to figure out what's going on in the world around you. This book shows how your senses work by combining easy-to-understand explanations with detailed illustrations for you to color. You'll also find out about similarities and differences between human and animal sensory perception. Discover the nervous system, the pathway of sensory information, and how neurons receive and send data. Read about synesthesia, an extreme form of perception that enables people to hear sounds in response to smell, feel something in response to sight, and experience other unusual sensory combinations. Learn about special animal senses that detect heat, provide night vision, and alert birds, fish, and mammals to when it's time to migrate. These and other fascinating aspects of the senses are described and illustrated with 46 full-page illustrations to color.

This is the first comprehensive overview of the exciting field of the 'science of science'. With anecdotes and detailed, easy-to-follow explanations of the research, this book is accessible to all scientists, policy makers, and administrators with an interest in the wider scientific enterprise.

Learn about magnetism with a magnet maze, discover how tall you are using your own feet, and find out about color mixing with jelly! Jam-packed with fun and exciting experiments, which can easily be performed at home, this book is the perfect introduction to science for inquisitive readers age 5 and up. The book attempts to reinforce school learning the experiments tie in with areas of science that children will be encountering in the classroom for the first time. Children will love the book because it is hands-on and entertaining, and parents will love the book, too, because of its educational value. All of the experiments can be safely performed with readily available household items.

Because of the fun and appealing design, kids will want to dive in straight away!"

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: 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.

The importance of science and technology and future of education and research are just some of the subjects discussed here.

Make science come alive with 96 pages full of fun science experiments meant to encourage STEM learning, perfect for Kindergarten through second grade. Includes four pages of stickers! A strong educational foundation helps ensure a child is able to benefit from the learning opportunities available in today's kindergarten, first grade, and second grade classrooms. Help encourage your child's interest in STEM with this first science experiments book, which includes a dozen fun experiments for you to do together at home! Includes 96 pages of science experiments and 4 pages of stickers Aimed at children ages 5-7 Encourages interest in STEM topics. Easy experiments can be done at home with parent and child! Includes helpful parent tips throughout Bright, colorful pages blend photographs and illustrations to make this workbook one of the most eye-catching and engaging available Teacher approved! Scholastic Early Learners is a dedicated learning program that builds school skills from infancy through second grade. Created by experts and focused on reinforcing curriculum topics and current academic guidelines with kid-friendly activities, this educational line is the best partner in your child's learning journey. Scholastic Early Learners: The Most Trusted Name in Learning!

Millions of creatures live in the backyard: beetles and bugs; butterflies and birds; turtles and toads; ants, earthworms, and tiny animals hidden in the grass or deep in the soil. These creatures lead busy lives, climbing trees, crawling over rocks, searching for food, and building nests. With this book's 46 pages of illustrations — each accompanied by fact-filled captions — kids can combine the fun of coloring with the fascination of discovering how all kinds of living creatures are linked together. Realistic pictures to color depict the backyard through all four seasons and during the day and night. The captions identify different types of trees, flowers, and bushes; butterflies, moths, and birds; reptiles and amphibians; and many other plants and animals. Suitable for ages 8-11, this informative coloring book recaptures the excitement of the natural world that's right outside the back door.

Introduces youngsters to the many things that encompass the study of science, such as stars, planets, rocks, and soil, using accessible text and bright illustrations.

When Sid smells something funny coming from the other room, he just has to know: Why can you smell things from far away?

This companion volume to My First Book of Quantum Physics introduces complex science to children through bright illustrations and amusing text.

The best-selling author of The God Delusion and the artist of such award-winning graphic novels as Wizard and Glass address key scientific questions previously explained by rich mythologies, from the evolution of the first humans and the life cycle of stars to the principles of a rainbow and the origins of the universe. 150,000 first printing.

With 46 illustrations and easy-to-read captions, this book explains what genes control and how they are passed along from one generations to the next. Perfect for ages 8 and up.

Ages 0 to 3 years Quantum Physics for Babies by Chris Ferrie is a colourfully simple introduction to the principle that gives quantum physics its name. Baby will find out that energy is "quantized" and the weird world of atoms never comes to a standstill. It is never too early to become a quantum physicist! This is the first in a series of books designed to stimulate your baby and introduce them to the world of science. Also coming in May are: ? Newtonian Physics for Babies ? General Relativity for Babies ? Rocket Science for Babies

Everything around us - trees, buildings, food, light, water, air and even ourselves - is composed of minute particles, smaller than a nanometre (a billionth of a metre). Quantum physics is the science of these particles and without it none of

our electronic devices, from smartphones to computers and microwave ovens, would exist. But quantum physics also pushes us to the very boundaries of what we know about science, reality and the structure of the universe. The world of quantum physics is an amazing place, where quantum particles can do weird and wonderful things, acting totally unlike the objects we experience in day-to-day life. How can atoms exist in two places at once? And just how can a cat be dead and alive at the same time? Find out more with this entertaining illustrated guide to the fascinating, mysterious world of quantum physics.

A Turing Award-winning computer scientist and statistician shows how understanding causality has revolutionized science and will revolutionize artificial intelligence "Correlation is not causation." This mantra, chanted by scientists for more than a century, has led to a virtual prohibition on causal talk. Today, that taboo is dead. The causal revolution, instigated by Judea Pearl and his colleagues, has cut through a century of confusion and established causality -- the study of cause and effect -- on a firm scientific basis. His work explains how we can know easy things, like whether it was rain or a sprinkler that made a sidewalk wet; and how to answer hard questions, like whether a drug cured an illness. Pearl's work enables us to know not just whether one thing causes another: it lets us explore the world that is and the worlds that could have been. It shows us the essence of human thought and key to artificial intelligence. Anyone who wants to understand either needs *The Book of Why*.

This book takes a first look at the tools young scientists can use to explore the world around them.

This engaging picture introduces little children to the wonders of science. Simple, friendly illustrations take you through a wide range of subjects - from astronauts living in space to simple experiments you can try at home. Discover how a seed grows, why things float, what makes materials change and much more. Full of fascinating facts and important concepts that grownups and children can share and talk about together. Includes internet links to websites with video clips, games and activities for young children to find out more about science. Part of a series which also includes *My First Outdoor Book* (9781474943031) and *My First Body Book* (9781474915977).

A must-have alphabet board book set from the #1 Science author for kids, Chris Ferrie! With simple, colorful explanations of complex STEM topics, this is the perfect baby or toddler gift for your future genius! Introduce babies and toddlers to basic concepts for each letter of the alphabet with this four-book set: *ABCs of Space* - Explore astronomy, space, and our solar system from A to Z! *ABCs of Mathematics*- Learn about addition, equations, and more with this perfect primer for preschool math! *ABCs of Physics*- Explain essential physics words like atom, quantum, Einstein, and Newton! *ABCs of Science*- Spark curiosity in young scientists by exploring concepts like amoebas, electrons, vaccines, and more! The *Baby University ABCs* set offers four educational board books for toddlers written by an expert. Each book offers three levels of learning to encourage little scientists to explore and dive deeper into each scientific concept. Its approach to early learning is beloved by kids and grownups! This baby board book set is the perfect way to introduce basic scientific concepts and STEM to even the youngest scientist and makes a wonderful newborn baby gift! If you're looking for other STEM-minded baby toys, books, and gifts, check out the full *Baby University* series, including *Quantum Physics for Babies*, *Organic Chemistry for Babies*, and *8 Little Planets*.

Where do we live among the galaxies, what did people think before they could study the sky with telescopes, and what happened to Pluto? Thirty-nine illustrations to color answer these and other questions about our Solar System and beyond. Entertaining, easy-to-understand captions explain crater formation, constellations, weightlessness, space junk, and other fascinating subjects. Suitable for ages 8–12.

"Information and photographs of scientific theories and facts, for young children"--

Here's the most entertaining way for children to get a good look at the human body and learn how bodies work: 28 fun and instructive, ready-to-color illustrations. Coordinating text explores the muscular, skeletal, nervous, digestive, respiratory, and immune systems, and answers such questions as What is a hiccup? and Where is my DNA?

My First Book of the Cosmos
My First Book of Science
National Geographic Little Kids First Big Book of Science
National Geographic Children's Books

An irreverent "textbook" for women by a Parks and Recreation writer parodies popular women's magazines, spoofing perky self-improvement tips with advice on everything from glamorous ways to die to choosing a religion for one's body type. 100,000 first printing. Illustrations. Tour.

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

Uncover the exciting secrets of chemistry, physics, and biology with this fun-filled guide. Susan Akass will let you in on some scientific secrets, showing you how to wow and dazzle all of your friends and teachers! The first chapter, *Kitchen Sink Chemistry*, will teach you how to create some goey gloop and how to make liquids change color! It's like magic! The second chapter, *Fantastic Physics*, will make you the star of your science class. Defeat the laws of gravity and master electrical circuits as you learn how to make water rockets, balloon rockets, and even James Bond switches! Lastly, *Backyard Biology* will have you venturing out into your garden and into parks in search of interesting plants, weird bugs, and strange biological reactions. *My First Science Book* includes loads of projects and experiments that can be done in the home, most of them can be done on your own, and none of them require any specialist equipment. It will have you looking at the world in a whole new way!

My First Book of Microbes is the ideal STEM book for children - it uses fascinating bite-size facts, clear and simple explanations, and attractive and absorbing illustrations to demystify the hidden world of microbes. You'll discover what they are, where they come from and what they do, as well as which ones are good and which can be harmful. Especially pertinent are the clear explanations about how viruses spread, the role of antibodies and the importance of vaccines - essential understanding for us all during this time of the COVID-19 pandemic; in fact, there's a whole spread dedicated to

COVID-19. Packed with clever analogies that make understanding a difficult topic easy, this STEM title is perfect for young budding scientists with an active and enquiring mind and for people of any age who are interested in learning about the natural world and the human body. Sales points: Bestselling and award-winning illustrator and author duo of the bestselling My First Book of Quantum Physics, plus My First Book of Relativity and My First Book of the Cosmos Introduces children aged 8 and up to a complex area of science in a fun and entertaining way Adults are likely to enjoy the content and find that it increases their understanding Topical subject matter - viruses, including information about COVID-19, antibodies and vaccines

Children can explore the earth's largest ecosystem through 46 detailed, factual, and ready-to-color illustrations. They can discover how the seas determine both the climate and the weather, encounter tiny plants and animals, and more.

How does the brain control the rest of the body? How does it enable the senses, regulate speech, affect balance, and influence sleep and dreams? These 30 full-page illustrations to color help explain every aspect of the brain's big job, from communicating with the central nervous system to retaining memories.

In the final part of a three-book series, Ellie the Electron adventures into the subatomic world. Simple rhyming sentences and vibrant science pictures make it easy for even a toddler to begin to understand the basics of chemistry. Learn about some of the most fundamental concepts in science BEFORE the social pressure and intimidation of formal schooling sets in. Spark scientific curiosity in kids of all ages!

Children ages 8 and up can discover where these prehistoric creatures lived, the food they ate, and what they may have looked like. Plus, there are fascinating facts about moving continents, climate changes, exploding volcanoes, and more.

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 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.

Winner of the Bronze 2016 Moonbeam Award for Education, Science, and History! The ideal introduction to meteorology for kids, this volume presents 46 full-page illustrations with related text. Children will learn about blizzards, tornadoes, rainbows, mudslides, and other natural phenomena.

Chris Ferrie fans will love this perfect educational art book for babies and toddlers featuring essential STEAM words from the #1 Science author! Babies and toddlers are curious and ready to learn! Introduce them to art words that go beyond the basics with this first 100 words baby board book. From painting to photography, from music to theater, from literature to history and more, this is the bright and simple introduction to the smart words every budding scholar needs! Surprise your special little one at birthdays, baby showers, holidays, and beyond with the amazing opportunity to discover with this baby and toddler learning book! My First 100 Art Words makes a wonderful addition to many other gifts you may be searching for, such as baby first birthday gifts for girls and boys, early development toys for babies, baby learning games, gift sets for babies and toddlers, and more!

Discover the mystery of science with Future Geniuses! Join Valentia, the little scientist, and her cat, Plank, as they learn why Plank can never seem to catch the laser he loves to play with. To do this, they must shrink down to the smallest size imaginable. Once they're tiny, they can better learn about quantum physics, discovering secrets that are invisible to those of us who are full sized! Valentia teaches Plank all about molecules, atoms, particles, photons, and matter., as well as solids, liquids, and gasses—and fusion and fission! Future Geniuses is a collection that will help families spend time reading and learning together. Through simple text and fun illustrations, author and scientist Carlos Pazos makes the subjects of quantum physics approachable and easy to understand for even the smallest scientists.

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