

The Curious Kids Science Book 100 Creative Hands On Activities For Ages 4 8

The Curious Kid's Science Book 100+ Creative Hands-On Activities for Ages 4-8 The Innovation Press

Learn how to think like a scientist, look at the world in a brand-new way and have tons of fun with science comedian Steve Mould's bold and playful kids science book. Supporting STEM and STEAM education initiatives, How to be a Scientist will inspire kids to ask questions, do activities, think creatively, and discover amazing fun facts! A firm favorite in classrooms and homes alike, this science book for kids has earned itself a permanent spot on many family bookshelves. With more than 40 fun questions, experiments, games, and real-life scenarios that make scientific concepts fun and relevant, it's not hard to see why! Simple activities with undetermined answers encourage curious young readers to find new ways to test ideas. The stories of the great scientists and their discoveries (and failures) are told in an entertaining way to provide even further inspiration for budding young scientists. This educational book has the amazing ability to cover a wide range of ages, so if your children have an age gap this is a fantastic way to get them to engage with each other in a fun and educational way. It is informative, colorful, well written and draws you into its pages with an insatiable appetite for the simpler facts of science. Most of the home science experiments for kids are easy to do with items most people already have around the house, making it super easy to go from idea to execution. Explore, Investigate And Test Your Ideas! Discover the skills it takes to become a scientist. Being a scientist isn't just about wearing a white coat and doing experiments in a lab. It's about exploring, investigating, testing and figuring out how things work. How To Be A Scientist is packed with fun activities and projects that let you answer lots of tricky questions and help to explain the world around you. This kid's educational book challenges children to think for themselves and covers topics like: - Weather, making a tornado, the water cycle, how to make a compass - Energy, hot air balloons, electricity, Newton and Einstein - The solar system, making a sundial, creating your own sunrise, phases of the moon How to be a Scientist (Careers for Kids) is one of four fantastic books in the How to... educational books series, including How To Be A Math Genius, How to Be Good at Math, and How to Make a Better World. Official reviews include: International Literacy Association's Children's Choices 2018 Reading List "Readers will be inspired to learn more about how to think and act like these famous scientists while uncovering deep scientific knowledge they can apply through fun-filled science projects." Minnesota Parent "This mix of classic and unusual science anecdotes and experiments is just the thing for budding STEM/STEAM fans, including tips for learning how to think and act like a scientist with fun activities and simple scientific explanations of biology, anatomy, physics, astronomy, chemistry and more."

Do sharks sneeze? Do butterflies remember being caterpillars? Why don't cats wear shoes? Children have an insatiable

curiosity for the world around them, and life can be an endless source of fascination for young minds. But do you have all the answers? And are they actually correct? Maybe you need to ask an expert. Adapted from The Conversation's highly successful Curious Kids online column, *Why Do Tigers Have Whiskers?* is the first book in a series exploring some of life's most pressing questions, submitted by children and answered by leading experts in each field.

What happens if you water plants with juice? Where can you find bacteria in your house? Is slug slime as strong as a glue stick? How would your child find the answers to these questions? In *The Curious Kid's Science Book*, your child will learn to design his or her own science investigations to determine the answers! Children will learn to ask their own scientific questions, discover value in failed experiments, and — most importantly — have a blast with science. The 100+ hands-on activities in the book use household items to playfully teach important science, technology, engineering, and math skills. Each creative activity includes age-appropriate explanations and (when possible) real life applications of the concepts covered. Adding science to your at-home schedule will make a positive impact on your child's learning. Just one experiment a week will help build children's confidence and excitement about the sciences, boost success in the classroom, and give them the tools to design and execute their own science fair projects.

Get ready to make soda shooters, bobbing blobs, and foaming fountains. With just a few household items, you can create these science experiments and more. You'll also find out what causes these projects to fizz and bubble. Science has never been this much fun!

"Provides step-by-step instructions for science projects using household materials and explains the science behind the experiments"--Provided by publisher.

Filled with fun facts and 100 full-color, beautiful, and scientifically accurate illustrations, this nature guide will inspire kids to go outdoors and discover the natural wonders of the Pacific Northwest. Did you know that baby raccoons are smaller than a bar of soap? Or that salmon smell using little pits in the front of their eyes? *Curious Kids Nature Guide* is filled with full-color illustrations and fun facts about the natural wonders of the Pacific Northwest, encouraging kids to discover and explore nature in their own backyards and beyond. Organized by habitat--forest, beach, fresh water, and backyards and urban parks--this book will teach kids about some of the most intriguing flora, fauna, and natural phenomena of the region while also sharing ecological lessons.

Discover the wonders of physics, with this beautifully illustrated, inspirational, and accessible book. It's packed with clear, colorful, and engaging explanations of the world of physics including matter and motion, space and time, energy and forces. Big new concepts pop off the page, thanks to vibrant diagrams and an engaging, energetic prose style. Kids will discover a new way of looking at the world with this wide-ranging celebration of the subject of physics. A great gift for

readers aged 8-12. ABOUT THE SERIES: The Curious Kids series draws together a collection of meticulously researched, beautifully illustrated fact books that bring STEM subjects to life with a smart, modern sensibility. 55 playful experiments that encourage tinkering, curiosity, and creative thinking—hands-on activities that explore art, science, and more. For children of all ages, from toddlers to teenagers! The creator of the highly popular creativity site for kids, Tinkerlab.com, now delivers dozens of engaging, kid-tested, and easy-to-implement projects that will help parents and teachers bring out the natural tinkerer in every kid—even babies, toddlers, and preschoolers. The creative experiments shared in this book foster curiosity, promote creative and critical thinking, and encourage tinkering—mindsets that are important to children growing up in a world that values independent thinking. In addition to offering a host of activities that parents and teachers can put to use right away, this book also includes a buffet of recipes (magic potions, different kinds of play dough, silly putty, and homemade butter) and a detailed list of materials to include in the art pantry. How can the puzzling game of puzzles benefit young minds? Well, puzzles boost general knowledge, and improve vocabulary as well as spelling, logic and problem-solving. But the main advantage of introducing this activity early in life is that it helps children learn with game-based learning. What this translates is that fun and learning become one. So don't forget to secure your copy now!

The definitive picture book biography of Dr. Anthony Fauci, the director of the National Institute of Allergy and Infectious Diseases and one of the most crucial figures in the COVID-19 pandemic. Before he was Dr. Fauci, director of the National Institute of Allergy and Infectious Diseases, Anthony Fauci was a curious boy in Brooklyn, delivering prescriptions from his father's pharmacy on his blue Schwinn bicycle. His father and immigrant grandfather taught Anthony to ask questions, consider all the data, and never give up—and Anthony's ability to stay curious and to communicate with people would serve him his entire life. This engaging narrative, which draws from interviews the author did with Dr. Fauci himself, follows Anthony from his Brooklyn beginnings through medical school and his challenging role working with seven US presidents to tackle some of the biggest public health challenges of the past fifty years, including the COVID-19 pandemic. Extensive backmatter rounds out Dr. Fauci's story with a timeline, recommended reading, a full spread of facts about vaccines and how they work, and Dr. Fauci's own tips for future scientists.

Entertainment meets education with thrilling science experiments for kids ages 3 to 5 Young children are naturally curious and love to discover new things about the world around them. Big Science Experiments for Little Kids helps them explore their inquisitive side with fun, hands-on experiments that introduce them to STEAM concepts (science, technology, engineering, art, and math). This standout among science books for kids 3-5 features: 20 engaging experiments--Learning is a blast as kids explore basic scientific principles using everyday objects, like combining raisins

and soda to see the effects of carbon dioxide in Dancing Raisins. Avenues for investigation--Children will develop problem-solving skills as they learn to ask questions, gather information, make guesses, and explain their discoveries. Simple directions--Kids can experiment with ease thanks to clear, step-by-step instructions that foster independent learning and require minimal supervision from adults. Explicit icons--You'll know how to properly plan thanks to labels that alert you to a possible mess, when you may need to step in, and how long it should take to successfully complete the experiment. Make learning come alive with Big Science Experiments for Little Kids.

Perfect for fans of *The Wonderful Things You Will Be* and *That's Me Loving You*, this picture book by a renowned astrophysicist is a lyrical meditation on the preciousness of one child and the vastness of the universe. Just like the sun gives shine to the moon, you light up the world beyond this room . . . You are grand and marvelous, strong and mysterious. The history of the world is in your fingertips. A lyrical meditation on the preciousness of one child and the vastness of the universe, this gorgeously illustrated picture book shares the immensity of a parent's love along with the message that we are all connected to the broader cosmos in important and intimate ways. A perfect bedtime read-aloud, *Child of the Universe* is a book to cherish forever. The author is an astrophysicist who has been fascinated by the universe since he was a child. As a parent, he has developed a new appreciation for the deep connections between billions of years of cosmic evolution and this one tiny human.

Bring back playtime, all the time! Dive into a Bubbling Swamp World. Drum on an Outdoor Sound Wall. Explore the gooeyness of Glowing Slime. With the one-of-a-kind projects in 150+ Screen-Free Activities for Kids, your family will rediscover the spirit of imaginative play! These fun activities help develop your child's creativity and skills--all without a screen in sight. Featuring step-by-step instructions and beautiful photographs, each budget-friendly project will keep your child entertained, engaged, and learning all day long. Best of all, no one will complain about turning off the TV or computer with such entertaining activities as: Natural Dye Fingerpaints Taste-Safe, Gluten-Free Playdough Erupting Volcano Dinosaur World Fizzy Rainbow Slush Taste-Safe Glow Water Complete with dozens of exercises for babies, toddlers, and school-aged children, 150+ Screen-Free Activities for Kids will help your family step away from your devices and step into endless afternoons of playtime fun!

Full of journaling prompts and activities focused on the natural world, this companion to the bestselling *Curious Kids Nature Guide* will encourage kids to get outdoors and engage with nature. This outdoor journal and activity guide, organized by ecosystem, is the perfect complement to the *Curious Kids Nature Guide*. Kids are encouraged to use their senses to explore nature in their own backyards and beyond and make observations about what they see. Over 100 color and scientifically accurate illustrations, help kids more easily look for and identify plants and animals, as well as natural

phenomena like animal tracks and nurse logs. Writing, drawing, and activity prompts inspire kids to record and track their observations. For kids who want to take their exploration and journal recording to another level, kid-friendly citizen science projects are noted for activities like bird counts, insect tracking, and marine debris tracking.

How does your body work? This fun human anatomy book helps kids 8-12 answer that question through awesome, hands-on STEAM/STEM experiments and activities. Entertaining and interactive, The Human Body Book for Kids shows curious kids how their body systems help them move, breathe, fight infections, and keep them alive! Filled with fascinating information about human anatomy, this exciting science book features:

- More than 40 STEAM experiments and activities that help kids learn about their amazing bodies.
- Full-color illustrations and photographs that highlight the cells, tissues, organs and body systems as well as explain the steps and outcomes of the experiments.
- A doctor author, an MD who works with both children and adults and is an expert on the human body inside and out.
- Weird and wonderful facts about the human body: Did you know that you're about 1 cm taller in the morning than the evening? That a baby is born with 300 bones but has only 206 by the time they're an adult? That some children are born with an extra set of ribs surrounding the lungs called "gorilla ribs"?
- Learning and fun together: Kids will create models, eat experiments, and show off their STEAM skills to family and friends.

Endorsed by the co-founder of Apple's Siri, this educational book is a great resource for answering kids' questions about how their bodies work.

What happens if you water plants with juice? Where can you find bacteria in your house? Is slug slime as strong as a glue stick? How would your child find the answers to these questions? In The Curious Kid's Science Book, your child will learn to design his or her own science investigations to determine the answers! Children will learn to ask their own scientific questions, discover value in failed experiments, and -- most importantly -- have a blast with science. The 100+ hands-on activities in the book use household items to playfully teach important science, technology, engineering, and math skills. Each creative activity includes age-appropriate explanations and (when possible) real life applications of the concepts covered. Adding science to your at-home schedule will make a positive impact on your child's learning. Just one experiment a week will help build children's confidence and excitement about the sciences, boost success in the classroom, and give them the tools to design and execute their own science fair projects.

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

Why don't we feel the Earth move? Why does an ice cube float? Why can't you unscramble an egg? Why can't we live forever? These are all questions that a curious kid might ask. In What's the BIG Idea?, renowned juvenile science educator Vicki Cobb answers these and other fascinating questions to help kids learn more about the world through the wonders of science. A big idea is one that has no simple or easy answer, and there are four big ideas in this book: motion, energy, matter, and life. The motion of nonliving objects—rolling balls, falling stones, the moon and stars—seems so ordinary and familiar that most people take it for

granted. Matter, on the other hand, comes in so many different forms—solids, liquids, gases, metals, nonmetals, living material—that it is hard to imagine anything that all matter has in common. Energy is an idea that is in the news just about every day, yet most people couldn't tell you what the big idea of energy is. And life—what life is—seems mind-boggling and infinitely complicated. How do we bend our brains around it? Scientists learn by asking questions. And this book, now in paperback, is designed to make young readers stop and think about each of the questions before reading what scientists have learned that answers each question. They'll be able to do simple things to see for themselves, and they will build their own scientific knowledge in the process. By the time they've finished this book, they'll get the big picture of what science is all about.

Space is full of amazing things! Let's meet some of them in this marvellous book. From comets and asteroids to stars, solar systems and rockets, learn all about the universe with POP-UPS on each page.

Science has never been so easy--or so much fun! With The Everything Kids' Science Experiments Book, all you need to do is gather a few household items and you can recreate dozens of mind-blowing, kid-tested science experiments. High school science teacher Tom Robinson shows you how to expand your scientific horizons--from biology to chemistry to physics to outer space. You'll discover answers to questions like: Is it possible to blow up a balloon without actually blowing into it? What is inside coins? Can a magnet ever be "turned off"? Do toilets always flush in the same direction? Can a swimming pool be cleaned with just the breath of one person? You won't want to wait for a rainy day or your school's science fair to test these cool experiments for yourself!

Dandelion Bubbles, Rain Drums, Seed Bomb Lollipops and more! Bursting with creative hands-on outdoor science and art activities, A Little Bit of Dirt is full of motivation to get outside and explore. Whether you're investigating the health of your local stream, learning how birds fly, or concocting nature potions, you'll be fostering an important connection with nature. The engaging activities encourage the use of the senses and imagination and are perfect for all ages. Discover more about the natural world waiting just outside your door!

A bestselling modern classic—both poignant and funny—about a boy with autism who sets out to solve the murder of a neighbor's dog and discovers unexpected truths about himself and the world. Nominated as one of America's best-loved novels by PBS's The Great American Read Christopher John Francis Boone knows all the countries of the world and their capitals and every prime number up to 7,057. He relates well to animals but has no understanding of human emotions. He cannot stand to be touched. And he detests the color yellow. This improbable story of Christopher's quest to investigate the suspicious death of a neighborhood dog makes for one of the most captivating, unusual, and widely heralded novels in recent years.

Fact-filled, fun-filled, as interesting to parents as it is to kids, the How Come? series is the trusted source for lively, clear answers to kids' science queries. Now the best questions and answers from all three books—How Come?; How Come? Planet Earth; and How Come? In the Neighborhood—have been revised, updated, freshly illustrated in full color, supplemented with twenty completely new questions, and combined into one bigger, better volume. How Come? explains, in fascinating detail, more than

200 mysteries and phenomena in the world around us. These are the questions that pique kids' curiosity—and stump parents. When it rains, does running (rather than walking) to the nearest shelter really keep you any drier? How can a stone skip across a pond (instead of sink)? If the Earth is spinning, why can't we feel it? Why don't we fly off? Why do elephants have trunks? And the all-time classic, Why is the sky blue? (Sunlight has a hidden rainbow of colors, and air molecules scatter blues the most—sending bright blue light down to Earth.) The text is clearly written, engaging, and accessible. It's for every kid who wants to know—and every grown-up who simply doesn't know.

The San Francisco Exploratorium squeezed between the covers of a book! The "pages" reflect, magnify, or grow as you follow the instructions. Seven subjects are covered, including light wave craziness, ouchless physics, and hair dryer science.

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.

A play-and-learn science adventure for curious toddlers ages 1 to 3 Dive into the amazing world of science for toddlers. This giant collection of simple activities will help kids practice core science skills the way they learn best: through play! You can choose activities based on the skills developed, how long they take, or even how messy things might get. Best of all, every activity is designed for fun, which is the best way to help your little scientist learn and grow. This introduction to science for toddlers features: 100+ Educational activities--Explore activities that integrate science for toddlers, like building a rock tower, creating DIY playdough, or making things stick with static electricity. Labels for learning--Each experiment is labeled with the skills being taught, including observation, problem-solving, physics, biology, and more. Toddler teaching tips--Discover a brief overview of toddler development and milestones, as well as handy teaching advice that makes it easy to pick the right activities. Set kids up for a lifetime of learning with these super fun science-for-toddlers activities.

The Best Sensory Bins for Endless Creative Play Engage your child in hours of play with Mandisa Watts's colorful collection of sensory bin activities that aid with memory formation, language development, problem-solving skills and more. Perfect for toddlers from eighteen months to three years old and beyond, each bin makes use of materials you already have at home and helps reignite your kids' interest in toys long forgotten. Boring afternoons are made exciting with awesome animal-based bins, like Salty Shark Bay or Yarn Farm. Pretend play bins like Birthday Cake Sensory Play or Bubble Tea Party encourage creativity and imagination. And your kids will have so much fun they won't even know they're getting smarter with STEAM (science, technology, engineering, art and math) activities like Sink or Float Soup, Magnetic Letter Hunt or Ice Cream Scoop and Count. With setup instructions, details on how to guide your child through each activity, suggestions for what to talk about with your child as they play and other useful tips, Mandisa gives you all the information you need for creative sensory activities your kids are bound to love.

Explore the age of the dinosaurs in this non-fiction pop-up book! Journey back millions of years to a time when dinosaurs roamed the Earth. From Ankylosaurus and Tyrannosaurus to Triceratops and Diplodocus, learn all about these fascinating dinosaurs.

Engaging pop-ups on each page enhance learning.

A futuristic society is thrown into chaos by the emergence of a virtual-reality cyberdrug that causes its users to experience their worst nightmares and ultimate fears in violent and devastating ways. Reprint.

mad's Activity book production is type of book generally aimed at children, which contains interactive content such as counting games, pictures to color, stories to be told, problems and challenges need to be solved and other elements that involve writing or drawing and offers the reader decisions throughout the book with the decisions affecting the outcome so that it is concerned with the scientific and cognitive aspect of children through a range of exercises and activities include psychological and mental activities most of them are in an amuse and pleasure template which they require participation and interaction by the reader in order to improve children's skills and gain new knowledge and experience by stimulating the brain, thinking and performance . Awesome S.T.E.A.M.-based science experiments you can do right at home with easy-to-find materials designed for maximum enjoyment, learning, and discovery for kids ages 8 to 12 Join the experts at the Good Housekeeping Institute Labs and explore the science you interact with every day. Using the scientific method, you'll tap into your own super-powers of logic and deduction to go on a science adventure. The engaging experiments exemplify core concepts and range from quick and simple to the more complex. Each one includes clear step-by-step instructions and color photos that demonstrate the process and end result. Plus, secondary experiments encourage young readers to build on what they've discovered. A "Mystery Solved!" explanation of the science at work helps your budding scientist understand the outcomes of each experiment. These super-fun, hands-on experiments include: • Building a solar oven and making s'mores • Creating an active rain cloud in a jar • Using static electricity created with a balloon to power a light bulb • Growing your own vegetables—from scraps! • Investigating the forces that make an object sink or float • And so much more! Bursting with more than 200 color photos and incredible facts, this sturdy hard cover is the perfect gift for any aspiring biologist, chemist, physicist, engineer, and mathematician!

A deadly plague has devastated Earth, killing all the adults. Lisa and her younger brother Todd are struggling to stay alive in a world where no one is safe. Other children along Grand Avenue need help as well. They band together to find food, shelter, and protection from dangerous gangs invading their neighborhood. When Tom Logan and his army start making threats, Lisa comes up with a plan and leads her group to a safer place. But how far is she willing to go to protect what's hers?

Want to impress your buddies at school? Need to think of something fun to do at Thanksgiving or Christmas? Want to learn a bunch of random facts about history, science, and the paranormal?#If you answered yes to any or all of those questions then pick up Interesting Stories for Curious Kids: A Fascinating Collection of the Most Interesting, Unbelievable, and Craziest Stories on Earth! This book is the coolest collection of interesting facts about a whole bunch of several different topics. Here you will find the answers to some of the following:- How did a dog, a horse, and a cat become TV and movie stars?- What were the first video game consoles?- Why can't you break an egg in the palm of your hand?- How do parrots talk?- Did Alexander the Great love his horse more than anything else?And much, much more!You'll be glued to the pages of this book reading about interesting facts, scary stories, and how to do a few neat science experiments. Interesting Stories for Curious Kids brings learning to you in a new, fun way that is sure to keep you reading.Parents, this book is a perfect tool to keep your kids reading in the summer or winter breaks, when they've put the books aside and are more interested in other things. There's a bit of

everything in here for tweens, so I guarantee that it'll keep their mind sharp even during the summer doldrums. Whether science, history, or just weird facts are your thing, you're sure to find something in here that will keep you interested and turning the pages. So open this book and your mind and see other things that you may not know existed.

A collection of fifty illustrated projects shows budding scientists everything they need to put together a winning presentation and to have fun doing it, and includes safety precautions as well as notes on parental supervision when necessary.

From the creators of the #1 kids podcast Wow in the World comes an interactive, science-based activity book based on their daily game show, Two Whats?! and a Wow! Choose between three unbelievable science statements to identify the true wow fact from the fallacies--and then learn the why and how behind the wow! But that's not all! After each round, tackle a STEAM-based challenge using a few household items and a lot of creativity. And discover even more science fun in the sidebars, which are filled with brain-bursting facts and figures. Packed with Wow in the World's signature, family-friendly humor and fascinating science facts, the Two Whats?! and a Wow! Think & Tinker Playbook will provide hours of learning, laughs, and wows.

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