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 Super Science Concoctions

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MATHEWS FORD

73 Cool Science Tricks to Wow Your Friends! Rizzoli Publications

Inside this mega-jam-packed book are fifty fact-tastic ways to advance your maths skills so you'll never be outnumbered by numbers again! From core curriculum techniques such as multiplying multiples to calculating calculus and probability and division, right through to working out tricky statistics, formulas and equations in or outside of the classroom, Cool Maths will help you work your way out of every day situations in a way that you'll never forget. Topics include: how to tip, how to work out the distance of a storm, Fibonacci sequences, cracking codes and many more! Other titles in this series include: Cool Science, Cool Astronomy, Cool Art, Cool Physics

The Book of Totally Irresponsible Science Chicago Review Press

Step-by-step instructions guide readers through twenty-five science experiments that use a minimum of readily available equipment and explain the basic principles of chemistry, biology, simple machinery, electricity, and magnetism.

101 Great Science Experiments John Wiley & Sons

Features safe, inexpensive science experiments with mixtures that illustrate changes in phase and chemical composition.

Stay Curious and Keep Exploring CICO Books

Janice VanCleave once again ignites children's love for science in her all-new book of fun experiments—featuring a fresh format, new experiments, and updated content standards From everyone's favorite science teacher comes Janice VanCleave's Big Book of Science Experiments. This user-friendly book gets kids excited about science with lively experiments designed to spark imaginations and encourage science learning. Using a few handy supplies, you will have your students exploring the wonders of science in no time. Simple step-by-step instructions and color illustrations help you easily demonstrate the fundamental concepts of astronomy, biology, chemistry, and more. Children will delight in making their own slime and creating safe explosions as they learn important science skills and processes. Author Janice VanCleave passionately believes that all children can learn science. She has helped millions of students experience the magic and mystery of science with her time-tested, thoughtfully-designed experiments. This book offers both new and classic activities that cover the four dimensions of science—physical science, astronomy, Biology, and Earth Science—and provide a strong foundation in science education for students to build upon. An ideal resource for both classroom and homeschool environments, this engaging book: Enables students to experience science firsthand and discuss their observations Offers low-prep experiments that require simple, easily-obtained supplies Presents a modern, full-color design that appeals to students Includes new experiments, activities, and lessons Correlates to National Science Standards Janice VanCleave's Big Book of Science Experiments is a must-have book for the real-world classroom, as well as for any parent seeking to teach science to their children.

Boom! 50 Fantastic Science Experiments to Try at Home with Your Kids (PB) The Rosen Publishing Group, Inc

Smithsonian 10-Minute Science Experiments gives curious young readers dozens of colorful, exciting projects designed to teach them about the basics of science, physics and chemistry. They'll learn about critical thinking, how to conduct an experiment, and how to measure results, all while enjoying themselves in a screen-free setting. Sidebars for each experiment feature additional insights, facts and commentary. FEATURES · Full color photos and illustrations · More than 50 fantastic experiments vetted by the scientists at the Smithsonian Institute · Sidebars of additional information, trivia and fun facts

Experiments for Newlyweds Hungry Tomato ®

This amazing book from the famous Naked Scientists offers a fun way to introduce science to kids, with 50 simple experiments that produce spectacular results. Want to know how to create fireworks from a bag of chips? Turn rice into quicksand? Generate a cloud in a soda bottle? How about build a toaster-powered hot air balloon, or work out the speed of light using margarine and a microwave? The results will amuse, astound, and educate in equal measure, whether you're 8 or 80. Most of these activities can be performed with commonplace materials that are probably lying around the house. Concise scientific explanations are included on how and why the experiments actually work. Each activity is straightforward and manageable, yet impressive enough to get anyone interested in science. So whether it's racing jelly jars, making a bowl invisible, or instantly freezing soda before your eyes—with the Naked Scientists' help, you'll never have a dull rainy day again!

The Ultimate Book of Saturday Science Salamander Books

A brilliant book to turn science enthusiasts into scientists. 50 amazingly simple but wonderfully effective science based tricks to wow your friends, family and children. This action stuffed book is for action-man men who love to experiment with peculiar physics, mind-boggling, biology, crazy chemistry and want to learn more fascinating factoids!

Cool Science Tricks Carson-Dellosa Publishing

Do you know the secret recipe for the world's most slippery slime? How can you draw a 3-D picture that will mess with your mind? Can you make an instant soap monster in the microwave? Discover the mind-bending, super-weird science that they aren't teach in school! Young readers will love this awesome collection of incredible optical illusions, cool experiments, sneaky hacks, hilarious pranks, and shocking magic tricks. Explore biology, physics, and chemistry from a completely different point of view—one that teachers won't ever tell you about! With a glossary of key scientific terms in the back, this brain-boosting book of fun science is perfect for readers aged 8+.

Experimenting With Kids CSIRO PUBLISHING

Find out all you need to know about getting started with magic. Start with Card Tricks and keep people guessing with the Tricks with Everyday Objects, such as the fantastic banana split trick and the coin under a handkerchief illusion. Move on to the head-scratching Puzzlers, like the rattling matchbox or the chicken, fox, and corn trick—these guessing games will leave your friends and family amazed and bewildered. Confuse your friends further with the knotty problems in the Betchas chapter, and the joke's on them with the Stunts 'n' Pranks, where they can be a part of the trick with the cable ties or the wooden spoon illusion. With handy hints and tips from professional magician Paul Megram, *My First Magic Book* will amuse and delight every aspiring young magician.

Success with STEM Gareth Stevens Publishing LLLP

How do honeybees find their way home? Why is Venus so hot? How can you measure the speed of the wind? What makes a sound loud or soft? Discover the awesome answers to these and other fascinating mysteries in biology, chemistry, physics, earth science, and astronomy. Just try these 201 fun, safe, low-cost experiments at home or in the classroom. You'll look through a drop of water to find out how a magnifying lens works. Using a Styrofoam ball, a pencil, and a lamp, you'll learn why the Moon appears and disappears. With just a jar and some ice cubes, you can demonstrate how rain is formed. Each experiment includes an illustration and easy to follow step-by-step instructions. This companion volume to the enormously popular 200 Gooey, Slippery, Slimy, Weird, and Fun Experiments brings together magical projects from Janice VanCleave's Science for Every Kid and Spectacular Science Projects series—plus 40 all-new experiments that make science come to life. Children Ages 8-12

Mason Jar Science National Geographic Children's Books

Heatproof, transparent, and durable, the mason jar is a science lab just waiting to be discovered. Unlock its potential with 40 dynamic experiments for budding scientists ages 8 and up. Using just a jar and a few ordinary household items, children learn to create miniature clouds, tiny tornadoes,

small stalactites, and, of course, great goo and super slime! With a little ingenuity, the jar can be converted into a lava lamp, a water prism, a balloon barometer, and a compass. Each fun-packed project offers small-scale ways to illustrate the big-picture principles of chemistry, botany, biology, physics, and more.

Janice VanCleave's 201 Awesome, Magical, Bizarre, & Incredible Experiments National Geographic Books

Being a wizard takes training, practice, and a few tips from an expert. Author and professional toy designer John Austin, creator of the popular MiniWeapons of Mass Destruction series, provides dozens of projects for up-and-coming sorcerers. Each of the 35 projects in Labcraft Wizards is explained through illustrated step-by-step instructions and uses simple, everyday materials. Build an Enchanted Hourglass out of empty soda bottles, plastic hangers, and sand. Transform a chicken egg into a colorful, bouncy Dragon Egg using vinegar and food coloring or mix up a batch of Ogre Snot with corn syrup and gelatin. Through its creative activities, Labcraft Wizards helps eager minds explore basic concepts in chemistry and physics through experimentation, encourages scientific observation, and fuels imaginations.

It's Not Magic, It's Science! Princeton University Press

Forget about mad scientists and messy laboratories! This incredible, interactive guide for children showcases 101 absolutely awesome experiments you can do at home. Find out how to make a rainbow, build a buzzer, see sound, construct a circuit, bend light, play with shadows, measure the wind, weigh air, and create an underwater volcano. The astonishing variety of experiments are all very easy and entirely safe, with step-by-step text and everyday ingredients. Biology, chemistry, and physics are brought to life, showing budding young scientists that science is all around us all the time. As you have fun trying out experiments with friends and family, core scientific principles are presented in the most memorable way. With chapters covering important topics such as color, magnets, light, senses, electricity, and motion, the laws of science are introduced in crystal-clear text alongside specially commissioned full-color photography for children to understand. Follow in the footsteps of Albert Einstein, Marie Curie, and all the other great minds with 101 Great Science Experiments and learn the secrets of science you'll never forget.

Steve Spangler's Super-Cool Science Experiments for Kids Routledge

Using simple scientific principles such as static electricity, temperature difference, surface, tension, and electromagnetism, Michio Goto demonstrates that science can be both amusing and amazing. 100+ photos and illustrations.

Fun Experiments with Light Workman Publishing Company

Packed with over 40 magical science tricks for kids using simple experiments! Join comedian and author Steve Mould, #1 bestselling author of *How to be a Scientist*, and learn the secrets behind some of the most famous magic tricks and illusions (and learn some of your own). Learn how to bend water with a balloon, turn water into juice, make a glass beaker disappear in oil, and wow your friends with levitating tinsel! Packed with optical illusions, pranks, and fun facts, this book is a must-have for any aspiring scientist or magician (the two aren't as different as you might think)! Each trick is explained using step-by-step photographs, and the science behind each one is showcased clearly and simply. Sprinkled throughout the book are profiles of famous magicians and illusionists, such as Harry Houdini and David Blaine, and stories of how they used science to create their most famous tricks. *Science is Magic* is the perfect addition to any family bookshelf or classroom, putting a fresh spin on science for kids. What's fantastic about this kids' activity book is that many of the magic tricks or experiments are something you learn to perform on a friend and require practice. Thus, (the genius bit) it's not something kids will just do once and then turn the page. Think *Magic is Just An Illusion*? Think again! Discover science - REAL magic at your fingertips. Learn some amazing experiments to wow your friends, find out how magicians use science in their most famous tricks, and discover the magic of the world around you. Packed with activities for kids from magic tricks to optical illusions, and peppered with fascinating facts, this educational book is a must-have for

scientists and magicians alike. Added bonus, each 'trick' or experiment in the book uses simple items that can be grabbed from home or a hardware store. Get ready to wow your friends with some cool science-backed magic like: - Magnetic fingers - Reading minds - Color changing potion - Guess the coin - Floating ping pong ball and much more! Add other fun-filled Steve Mould titles in the DK collection to your bookshelves, like *How To Be A Scientist* and *The Bacteria Book*.

Experiments with Movement Hearst Home & Hearst Home Kids

Dazzle your friends and family with dozens of science tricks! Kids may not clamor to study science and physics, but they sure enjoy anything that has to do with slime, invisible ink and obtaining the ability to make things disappear. With *The Everything Kids' Magical Science Experiments Book*, kids will be able to bend the rules of time, space and logic by performing over 50 "magical" science experiments. Parents will love the fact that their kids are learning while having fun, by performing feats such as: Changing salt to sugar Creating a real life genie in a bottle Creating and writing with invisible ink Making a person stay seated, just by using their pinky finger Sealing a punctured balloon with a penny Changing Mentos candy into soda *The Everything Kids' Magical Science Experiments Book* is packed with 30 "magical" science-related puzzles and over 50 experiments that are sure to get kids excited about chemistry, science and even physics!

How to Make Ice Cream Sourcebooks, Inc.

Make a camera from cardboard, create stereographic images, and start a campfire with ice! These amazing science projects use readily available items and have simple step-by-step instructions. Discover the science behind each experiment. They're quick to make and fun to show your friends and family. It lets you see in color, in 3D, close up, and far away—it's light!

Kitchen Cabinet Science Projects Simon and Schuster

Babies can be a joy—and hard work. Now, they can also be a 50-in-1 science project kit! This fascinating and hands-on guide shows you how to re-create landmark scientific studies on cognitive, motor, language, and behavioral development—using your own bundle of joy as the research subject. Simple, engaging, and fun for both baby and parent, each project sheds light on how your baby is acquiring new skills—everything from recognizing faces, voices, and shapes to understanding new words, learning to walk, and even distinguishing between right and wrong. Whether your little research subject is a newborn, a few months old, or a toddler, these simple, surprising projects will help you see the world through your baby's eyes—and discover ways to strengthen newly acquired skills during your everyday interactions.

Amazing Science Tricks John Wiley & Sons

Grab a plate and dig in to 50 exciting science projects that use everyday kitchen items! Perfect for kids ages 8 to 12 interested in STEM, this book makes experimenting safe, easy, and (sometimes) tasty. This vividly designed book of experiments is perfect for little scientists everywhere with 50 hands-on activities for curious kids with a passion for STEM and STEAM. All projects within this jam-packed title are excellent for learning basic scientific principles without leaving your house - the materials are just everyday items found in the kitchen! These experiments range in difficulty level and category—from Construction and Sound to Electricity and Pressure—so kids can do some on their own or work with an adult. It's no surprise that some of the projects even double as treats since we're working in the kitchen! Kids can study and snack with experiments like: Unicorn Noodles Instant Ice Cream Candy Crystals Written by Michelle Dickinson, a scientist who studies atomic particles, these precise yet easy-to-follow instructions make mind-blowing science experiments easy for everyone, whether for science fairs or just family fun. With experiments tested by hundreds of households around the world, *Kitchen Cabinet Science Projects* is the perfect gift for all ages.

101 Great Science Experiments Penguin

The authors of the popular *Nature Crafts for Kids* present a new book with 50 hands-on science projects for kids. All in full-color, the book brilliantly shows an entire year's worth of things to bring out the artist and the scientist in the 8-to-12 set. Accompanying many projects are easy-to-understand sidebars that explain the scientific principles and facts the projects are demonstrating.