The Spinning Blackboard And Other Dynamic Experiments On Force And Motion

Synopsis

Bring the fun of a world-famous science museum into your own classroom or home! THE EXPLORATORIUM SCIENCE SNACKBOOK SERIES "Clear, concise, and visual--the best assortment of wonder- filled ideas I have seen. A must-have."--Paul Hewitt, author of Conceptual Physics "Almost as much fun as exploring the Exploratorium, which, of course, is a googolplex of fun."--Jearl Walker, author of The Flying Circus of Physics, with Answers Now you can do your own version of 23 Exploratorium experiments on force and motion. All you need is a little curiosity, a few simple materials . . . and this book. Each experiment is easy to do, fully illustrated, and loaded with advice, ideas, helpful hints, and electrifying discoveries. Build a pendulum that swings in intriguing patterns. Create a swirling, spiraling "tornado" of water. Through these and other projects in The Spinning Blackboard, you can learn the science behind the principles of force and motion. Also available in The Exploratorium Science Snackbook Series: The Cheshire Cat and Other Eye-Popping Experiments on How We See the World The Magic Wand and Other Bright Experiments on Light and Color The Cool Hot Rod and Other Electrifying Experiments on Energy and Matter

Book Information

Paperback: 128 pages
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Product Dimensions: 7.4 x 0.3 x 9.2 inches
Shipping Weight: 8.2 ounces (View shipping rates and policies)
Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)
Best Sellers Rank: #1,567,984 in Books (See Top 100 in Books) #90 inÂ Books > Crafts, Hobbies & Home > Crafts & Hobbies > Needlecrafts & Textile Crafts > Spinning #758 inÂ Books > Children’s Books > Science, Nature & How It Works > Experiments & Projects #17784 inÂ Books > Science & Math > Physics
Age Range: 8 - 14 years
Grade Level: 4 - 9

Customer Reviews

I would recommend any of the Exploratorium books. They have very "do-able" activities that can be

dramatic and make their point clearly. This one has some repeats of other Exploratorium books, as well as new ideas. I work with elementary science students (from pre-K to 5th grade) and these books are jewels in my planning, especially for my middle elementary kids.

The Spinning Blackboard and Other Dynamic Experiments on Force and Motion Force: Dynamic Life Drawing for Animators (Force Drawing Series) The Art of Metal Spinning: A Step-By-Step Guide to Hand-Spinning Force: Character Design from Life Drawing (Force Drawing Series) Environmental Experiments About Air (Science Experiments for Young People) Simple Machines, Grades 6 - 12: Force, Motion, and Energy (Expanding Science Skills Series) Tribulation Force by Tim LaHaye & Jerry B. Jenkins (Left Behind Series, Book 2) from Books In Motion.com Janice VanCleave's Physics for Every Kid: 101 Easy Experiments in Motion, Heat, Light, Machines, and Sound Thud!: Wile E. Coyote Experiments with Forces and Motion (Wile E. Coyote, Physical Science Genius) Janice VanCleave's Physics for Every Kid: 101 Easy Experiments in Motion, Heat, Light, Machines, and Sound (Science for Every Kid Series) Motion Simulation and Mechanism Design with SolidWorks Motion 2013 Motion Simulation and Mechanism Design with SOLIDWORKS Motion 2016 Design for Motion: Fundamentals and Techniques of Motion Design Step-by-Step Free-Motion Quilting: Turn 9 Simple Shapes into 80+ Distinctive Designs Ã¢â ¬Â¢ Best-selling author of First Steps to Free-Motion Quilting The 101 Coolest Simple Science Experiments: Awesome Things To Do With Your Parents, Babysitters and Other Adults Foxfire 2: Ghost Stories, Spring Wild Plant Foods, Spinning and Weaving, Midwifing, Burial Customs, Corn Shuckin's, Wagon Making and More Affairs of Plain Living Spinning and Dyeing Yarn: The Home Spinners Guide to Creating Traditional and Art Yarns Spider Silk: Evolution and 400 Million Years of Spinning, Waiting, Snagging, and Mating Thirteen Moons - a Menstrual Cycle Charting Handbook and Journal and Spinning Wheels Tornado!: The Story Behind These Twisting, Turning, Spinning, and Spiraling Storms (National Geographic Kids)