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Eric Yoder, Natalie Yoder, Nathan Levy, Dia L. Michels
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#1437193 in Books 2015-02-07Original language:EnglishPDF # 1 8.97 x 1.07 x 5.66l, .0 #File Name:
193849217X376 pages | File size: 59.Mb

Eric Yoder, Natalie Yoder, Nathan Levy, Dia L. Michels : Science Sleuth (One Minute Mysteries) before purchasing it in order to gage whether or not it would be worth my time, and all praised Science Sleuth (One Minute Mysteries):

This book set includes:One Minute Mysteries: 65 Short Mysteries You Solve With ScienceNot your ordinary mystery book, One Minute Mysteries makes science fun! Each story, just one minute long, challenges your knowledge in earth, space, life, physical, chemical, and general science. No tools or special equipment required, all you need is a willingness to have fun. This entertaining and educational book is great for kids, grown-ups, educators and anyone who loves good mysteries, good science, or both!101 Things Everyone Should Know About Science Why do you see lightning before you hear thunder? What keeps the planets orbiting around the sun? What metal is a liquid at room temperature? Science affects everythingyet so many of us wish we understood it better. Using an accessible question-and-answer approach, key concepts in biology, chemistry, physics, earth and general science are explored and demystified in this award-winning book. An engaging and fun way to better your understanding of how science surrounds us every day.

Encouraging critical thinking skills, it teaches children to think quickly and scientifically. One Minute Mysteries: 65 Short Mysteries You Solve With Science! is a highly recommended purchase for science teachers who want to introduce a bit of extra fun into the classroom. (Willis M. Buhle, er, Buhle's Bookshelf)This is a fantastic book for quizzing students during the last 10 minutes of class or as a transition activity. The resource section at the back of the book offers fabulous ideas and resources for budding scientists, and the index is very helpful. It can be used for a review after a unit of study, to supplement a unit of study, or to extend a unit of study. Overall, it would be a great

addition to any classroom library! (Tracy Alley, Teacher Coordinator of Gifted Programs Madeira City Schools Adjunct Professor, University of Cincinnati) These books are some of the most engaging nonfiction books I have ever read! They correlate so well with our science curriculum and the Common Core State Standards. The reason we love them is because they have real-world applications. With Mississippi adopting the new Common Core State Standards, using nonfiction texts is very important. Science, Naturally!'s books are an excellent asset to our teachers' resource libraries! (Sonya Smith, Science Coordinator, ATOMS2XP (Advancing Teachers of Middle School Science) and IMPACT2 (In-depth Mathematical Practices and Content Teacher Training), Miss. State, MS) WASHINGTON, DC It's a typical situation. A mother has to run an errand and leaves a note for her kids telling them to help themselves to lunch. There are eggs in the refrigerator, it says; but, some are hard-boiled and others are raw...and they look the same. How can the kids tell which is which without cracking them open? The students in the fifth grade science class at Mundo Verde Bilingual Public Charter School in Washington, D.C. have to think scientifically to solve the mystery. Samadhi says she had to try more than one idea to differentiate between the eggs. It was kind of difficult, but it was fun too, she explains. You get to do things yourself. You need to try new things, you don't have to do what the teacher tells you. You get to try stuff that you think might work for what you're doing. Samadhi discovered that spinning the eggs solved the mystery. Raw eggs spin more slowly than hard-boiled ones because the liquid inside slows them down. Think, solve and learn This puzzler - The Eggcellent Idea - is one of 65 in the "One Minute Mysteries" educational series. Each mystery takes about a minute and half to read and requires students to solve it using their math and science knowledge. Mundo Verde teacher Karen Geating Rivera notes that the series was created by Eric and Natalie Yoder, a father-daughter pair. And when they were first written, the daughter was still a middle schooler. So it's not just written for children, but it was actually written in part by the child herself. "Every single mystery is written with characters that are children, and children that are facing real world situation that they need to solve using their background knowledge on math and science, she explains. So they're not expected to have a bunch of formulas in their head that they already know. It's just things that happen every day and that you just think from a scientific or mathematical perspective to resolve. WATCH: Video report on project: <http://www.voanews.com/a/minute-mysteries/3628608.html> Minute Mysteries' Help Kids Solve Math, Science Problems 0:03:120:00:00/0:03:12 Science teacher David Levin says the mysteries get the children excited. If they enjoy what they're doing, they will learn. That's my philosophy. I like having the opportunity of having them in small groups, sharing their ideas, feeling the experiment in their hands. Kids have also to discuss the facts among each other before declaring the answer. Ten-year-old Dante finds these group discussions useful. You might come to an agreement, he says. You might come to disagreement. But sometimes once you share your opinions, you can find out which one is the right response and which one isn't. Creating learning opportunities The latest addition to the series is bilingual: English and Spanish. The authors are trying to provide a resource for dual-language education, which is a growing trend in many schools around the country, including Mundo Verde. School instructional guide, Berenice Pernaleté says having bilingual instructions helps the students who come from different backgrounds. I think that for a language immersion school, one of the things that teachers do in order to foster engagement in students and to be really creative is that they have shared experiences. Teacher Karen Geating Rivera says bringing the mysteries into the classroom allows her students to develop several skills at the same time, and learn from each other. The kids who don't speak Spanish at home, and who are learning Spanish as a second or maybe a third language are able to hear the native speakers in a natural, authentic setting and start picking up some of that language and vice versa, she says. The fact that they are leaving the classroom still talking about what we've done tells me that I really made it an authentic experience, something that they can walk out and continue using in real life. The "One Minute Mysteries" series, she says, is another tool to keep her students engaged and foster their math, science and bilingual skills. (Faiza Elmasry Voice of America, December 9, 2016) Few things zap the fun out of math quicker than a worksheet full of numbers. The mysteries in 65 Short Mysteries You Solve With Math! are word problems that stress cross-curricular reading comprehension, Core Curriculum focused real-world application and a hint of out-of-the-box thinking. They engage students and make math fun! Many kids equate math with drudgery, but this book skillfully meshes humor and excitement with challenging problems. While kids have fun and solve the mysteries, they actually develop important deductive reasoning skills that they will use throughout their lives. One Minute Mysteries: 65 Short Mysteries You Solve with Math helps kids discover and experience the joys of math! (Rachel Connelly, Ph.D., Bion R. Cram Professor of Economics, Bowdoin College, Brunswick, ME) In 101 Things Everyone Should Know About Science, children and adults alike find clear and engaging explanations of complex phenomena. Michels and Levy's book not only provides us with answers, but more importantly, also gives us the tools to ask the next question, and the next, and the next... 101 Things Everyone Should Know About Science encourages a lifetime of curiosity about the world around us! (Julie Edmonds, Ph. D., Associate Director, Carnegie Academy for Science Education) 101 Things Everyone Should Know About Math! truly illustrates the scope and importance of learning and understanding mathematics. It is a fabulous resource for kids, parents and teachers looking for a way to link mathematics to everyday life. With entertaining connections to popular culture, sports, hobbies, science and careers, kids of all ages will find this book engaging and challenging! (Carole Basile, Ed. D., Univeristy of Colorado, Denver, and Co-Director, Rocky Mountain Middle School Math and Science

Partnership)101 Things Everyone Should Know About Math! is great for practice and exploration. The puzzles and activities are entertaining and smartly connected to real life. Whether you are an expert or a novice, you'll find the challenges to be intriguing and insightful! (Maria Diamantis, Ed.D., Professor of Mathematics Education, Southern Connecticut State University)About the AuthorOne Minute Mysteries: 65 Short Mysteries You Solve With Science and One Minute Mysteries: 65 MORE Mysteries You Solve With ScienceEric Yoder is a writer and editor who has been published in a variety of magazines, newspapers, newsletters and online publications on science, government, law, business, sports and other topics. He has contributed to or edited numerous books, mainly in the areas of employee benefits and financial planning. A reporter at The Washington Post who also does freelance writing and editing, he was a member of the Advisory Committee for Science, Naturally's 101 Things Everyone Should Know About Science. He and his wife Patti have two daughters, Natalie and Valerie. Eric can be reached at Eric@ScienceNaturally.com.Natalie Yoder is a college student whose favorite subjects include psychology, science, and photography. A sports enthusiast, she participates in gymnastics, field hockey, diving, soccer, and track. She also enjoys writing, being with friends and family, and listening to music. She has been interviewed several times, along with her father, on National Public Radio to talk about their work on their One Minute Mysteries series: 65 Short Stories You Solve With Science! and 65 Short Stories You Solve With Math! She looks forward to writing more books. She is thinking about studying for careers in oceanography or photography. She can be reached at Natalie@ScienceNaturally.com.