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



Synopsis

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 Goopy, 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

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Age Range: 8 - 12 years

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Customer Reviews

Looking for simple experiments which are always successful? Janice VanCleave's books provide just that approach. And 201 Awesome, Magical, Bizarre and Incredible Experiments adds to her large collection of published experiments. The title is misleading as the experiments are not very unusual. But the experiments are simple and most use readily-available materials. Good scientific explanations accompany each experiment. The book would benefit by some emphasis on the inquiry-approach to science and encouraging (rather than discouraging) changing variables during

the experiments...The Science Spiders(TM) Newsletter.

I had to purchase this as required for a homeschooling program we are doing. After getting it and looking at the experiments it looks like something I will continue to use in our homeschool. The experiments are laid out well and have good explanations.

My children are having a great time learning and doing experiments. I'm not a science person so this helps me out a lot. They are simple but very creative in the experiments. Would recommend this book for everyone.

We use this book with Classical Conversations and I absolutely love it. The Experiments are easy to understand and uses materials that are around the house are at least easy to find. It follows the scientific method, What is the purpose, what are your materials, work the procedure, show the results, it even explains why the experiment works instead of leaving you hanging on doing something from a Pinterest fail. I highly recommend any of Janice VanCleave's Science books and experiments.

These are fun demonstrations, but calling them experiments is a little misleading. Neither of my kids were interested in this book, though they love most books with experiments and scientific demonstrations. Not engaging.

This is the book that really helped me with all my projects they have all been a succes. Thanks to this book I have gone to many science fairs.

Simple, basic experiments that help me and my children start discussing more complex scientific concepts. I love that most of the experiments use common things I can find around my house and don't take a lot of time to perform, but still leave an impression and help our scientific discussions.

We use this for our Homeschool co-op and it has great (and easy) experiments. Not ALL of them come out like they are supposed to, but I can't rule out operator error in this. I would recommend it to any Homeschooler or anyone who has a kid that's into science.

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