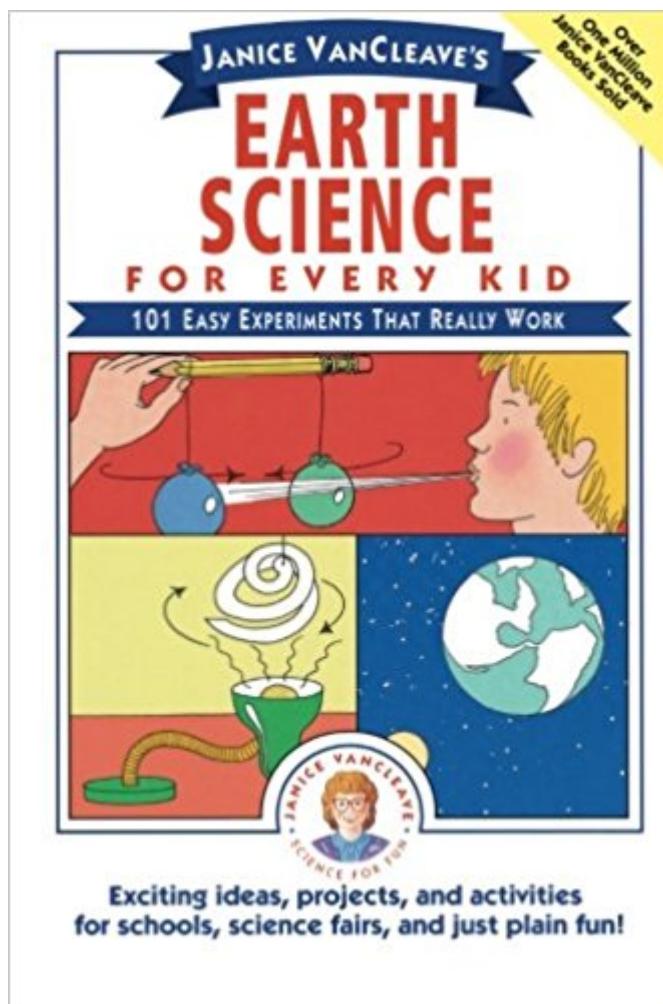


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# Janice VanCleave's Earth Science For Every Kid: 101 Easy Experiments That Really Work



## **Synopsis**

How are mountains formed? What makes the air we breathe? What causes the ocean waves? Now you can learn the answers to these and other questions about the earth, sea, and air through 101 fun, safe, low-cost experiments and activities that can be performed at home or in the classroom. In Earth Science for Every Kid, you'll use a tennis ball and a marble to demonstrate a solar eclipse. You'll make a peanut butter and jelly sandwich to understand sedimentary rock formation. And, with the assistance of a Slinky(r) and a helper, you'll learn about the motion of water waves. Each of the 101 experiments is broken down into its purpose, a list of materials, step-by-step instructions, expected results, and an easy to understand explanation. Every activity has been pretested and can be performed safely and inexpensively in the classroom or at home. Also available in this series from Janice VanCleave: \* ASTRONOMY FOR EVERY KID \* BIOLOGY FOR EVERY KID \* CHEMISTRY FOR EVERY KID \* DINOSAURS FOR EVERY KID \* GEOGRAPHY FOR EVERY KID \* GEOMETRY FOR EVERY KID \* THE HUMAN BODY FOR EVERY KID \* MATH FOR EVERY KID \* PHYSICS FOR EVERY KID

## **Book Information**

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Age Range: 8 - 12 years

Grade Level: 2 - 7

## **Customer Reviews**

Grade 3-6-- An entertaining, educational, and nonthreatening aid to understanding earth science. The easy experiments are carefully organized in sections dealing with the Earth in space, rocks and

minerals, crustal movement, erosion, atmosphere, weather, and the oceans. Each experiment includes a purpose, a list of needed materials, step-by-step instructions, expected results, and a scientific explanation of the results. Each double-page spread features a helpful black-line drawing of the procedure; cautions are given where any danger is possible and notes comment on desirable weather or other necessary conditions. Activities range from making a peanut butter sandwich to demonstrating a sedimentary rock formation, or erasing pencil marks on paper to showing how rocks change into sand and thin soil. The concepts are so elementary and the directions so clear that students can learn just by reading and visualizing them, although it will be much more fun to actually perform the experiments. --Rosie Peasley, Somerset School, Modesto, CA Copyright 1991 Reed Business Information, Inc.

An elementary science experiment book that is both educational and fun. Intended for children in grades K to 6, it contains 101 thoroughly tested and safe experiments relating to earth science. Each experiment has a clear purpose, list of materials and step-by-step illustrated instructions. In addition, without giving too much away, it provides hints as to what may be expected from a given experiment and offers a full explanation of the outcome in understandable terms. Most materials necessary for the experiments are readily available around the house. The aim is to make learning about the earth a rewarding experience and encourage a student's desire to seek more knowledge about science.

Cute little book. All experiments really can be done by kids. Target audience given as 8-12 y.o., although many are probably too simplistic for upper end of that range. It might even be useful for some even younger. I won't quibble with some discussions or explanations, as others have, because it will accomplish the goal of getting kids to think about the world and how it works. Seller identified the item as "used, very good condition", which I think was conservative. When I opened it I thought it was new!

I teach 7th grade Earth Science; even though this book is geared towards 3rd-6th grade, so many of the activities are useful demos and short hands-on activities to deepen the learning of my students. I love the set-up of the book: it is divided into the various divisions of Earth Science (astronomy, rocks and minerals, oceans, etc) and has a TON of experiments in each section. They are all easy to do; most use materials from around the house. The few that don't use materials that are easy to find at any store. Each experiment is supplemented by a simple, yet very clear illustration, easy-to-follow

steps, and an explanation of why the experiment works the way it does. If you teach middle school, VanCleave's books are great to have!!

Loads of fun and easy experiments and activities to enrich a primary school science curriculum. We use this book as homeschoolers and the activities are great fun for the kids.

I absolutely love these book. The project are so simple and versatile. If I dont have all the stuff for one it is easily combined with another project and the result is always so fun. My children love these projects.

Interesting stuff, but some of the demonstrations don't work out the way the book says that they should. I just tell my students, "Here's what happened... here's what should have happened."

I love these books. The ideas are so creative and so many simple projects too. If I dont have all the stuff for one project its easily combined with another and results in fun.

I love it. The experiments are simple and easy, but they also are easily understood by children.

My daughter has a great interest in space and really loved this book. She is a space fanatic and this totally fit the bill.

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