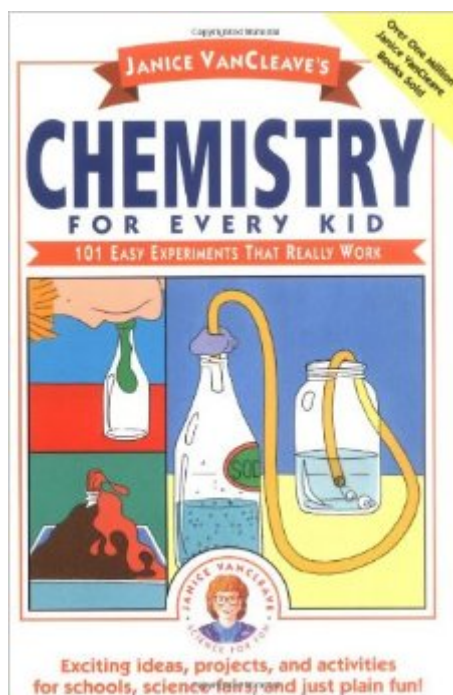


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# Janice VanCleave's Chemistry For Every Kid: 101 Easy Experiments That Really Work



## Synopsis

Why do newspapers turn yellow? How does bleach make colors disappear? Why can't you mix oil and water? Find out the answers to these and other mysteries of chemistry in this fascinating collection of ideas, projects, and activities that teach the basics of chemistry theory and practice. Turn steel wool into a glutinous green blob. Separate an egg from its shell without breaking the shell. Make copper pennies turn green. Have fun while you learn simple chemistry from a solution of colored water, and the behavior of gases with the help of a soda bottle. Through these and other activities, you'll explore the structure of matter, the workings of acids, gases, and solutions . . . and much more. You'll find most of the materials you need around the house or classroom. Every activity has been pretested and can be performed safely and cheaply in the classroom, at a science fair, or at home. Also available in this series from Janice VanCleave: \* ASTRONOMY FOR EVERY KID \* BIOLOGY FOR EVERY KID \* DINOSAURS FOR EVERY KID \* EARTH SCIENCE 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: 4 - 7

## Customer Reviews

My eight year old daughter asked for a chemistry set for her birthday; a real chemistry set; one she could do real experiments with. There are no longer many quality chemistry sets on the market. I guess the safety regulations are too strict; making it unprofitable to sell "real" chemistry sets. I

ordered this book. I was concerned I would end up having to mail order supplies, but I made one trip to the grocery store and my daughter was set to work through the book. The coolest part, to her, was the potential danger inherent with some of the supplies. She worked through six experiments in three days and proudly tells her younger neighborhood girlfriends "Sorry, You can't touch those things. It's too dangerous. It's Chemistry." The best part for me, the experiments are carefully arranged in a progressive manner so that they start from the simplest and safest activities. She can work through them in order, with supervision, safely building her confidence and skills. Unlike many books that purport to promote science, but are really just a collection of entertaining activities, this book includes the science concepts behind the wow. So, she really is learning.

Janice VanCleave's Chemistry For Every Kid is a must have book for upper elementary/middle school science teachers. The experiments are easy to set up and the kids LOVE them! Janice has tackled tough Chemistry concepts and come up with simple experiments that the kids ACTUALLY understand! I have used the activities in this book numerous times and couldn't recommend this book highly enough. The way I use the activities in this book, along with the others in the series, is set them up as stations and have the kids rotate through them. You will not be disappointed with this purchase and your kids will love you for it.

No handwriting required and no over-the-head scientific explanations. It is clear, simple, and EASY to pull off the shelf and use. I recommend previewing the list of materials for the week to be sure you have the needed items. Substitutions can effect the experiment. I use this with ages 4-10 and they ALL enjoy the experiments. The experiments are simplistic and easy for young children to grasp the idea yet have enough information to get the parents thought process going! A great introduction to chemistry that takes very little time to prep and do. I even use this book as birthday party entertainment! A favorite with us.

My mom bought this book for me, and I was always begging to do more experiments. They're so easy and fun to do. This is a must have for kids who are doing science fair projects!

I've used this book extensively for my "Chemistry for Youth" classes. It was well written without going overboard. It has lots of diagrams with plenty of space on the page for easier comprehension. The book relies on materials found in grocery stores and hardware stores without being too complicated. I appreciate how I can choose whatever I need to fit into my themes of the day. I think

the most potent of any items suggested are ammonia, bleach, detergent, and rubbing alcohol. As long as the students are prepared on how to behave before, during, and after the labs, no problems ever! Parents seem to enjoy these demos too which show basic laws of physics. What I hope my students take away is how scientists discovered elemental natures by experimentation. Of course, using this book extends a kid's scientific vocabulary a lot!

Turn off the T.V.! Put away the video games!! Get you kids using there brains and get some hands on experieces with this awesome book of experiments! I kid you not, I spend more time with my kids doing these experiments on the weekends than doing anything else!! Try it! You won't be sorry!

This book is very practical and easy to follow. Most of the materials are household items or easy to find.

Janice Van Cleave experiment books are wonderful...easy and fun experiments to do with everyday materials. It doesn't require a lot of extra stuff. The kids love it. I taught school for many years in 3rd-5th grade and used many of her experiments to excite kids.

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