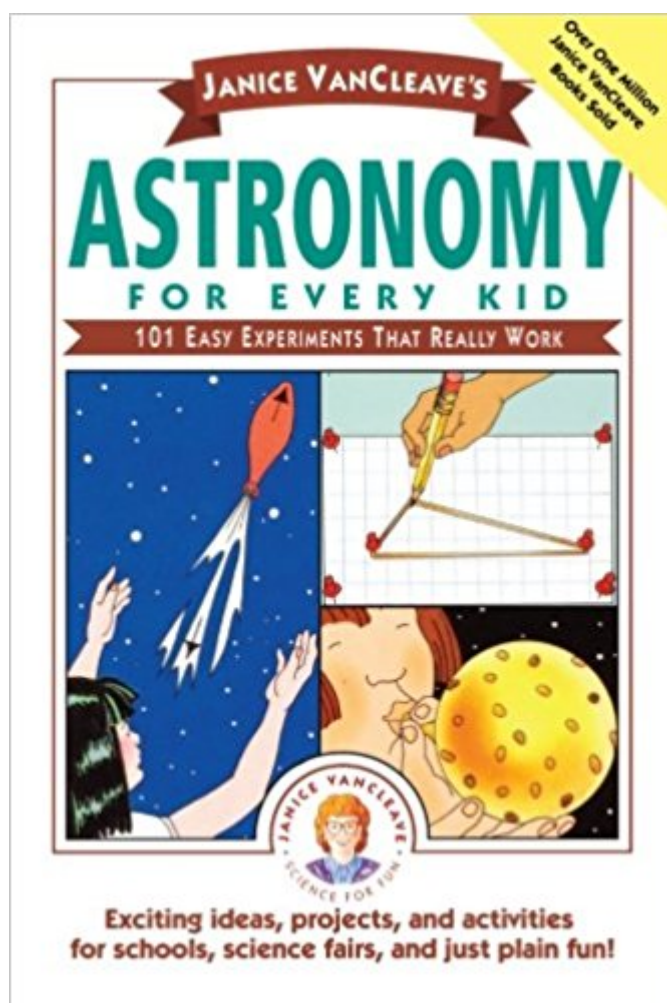


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# Janice VanCleave's Astronomy For Every Kid: 101 Easy Experiments That Really Work



## Synopsis

Why do planets spin? How hot is the Sun? What keeps the Moon in orbit around the Earth? What are Saturn's rings made of? What's a black hole in space? Now you can discover the answers to these and other fascinating questions about basic astronomy. In *Astronomy for Every Kid* you'll learn about the constellations using a shoe box planetarium. You'll chart the movement of the stars with nothing but a string, a marker, and a nail. And you'll use a toy magnet to simulate the Earth's protective force field. 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: *Biology for Every Kid*, *Chemistry 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

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Kid you'll learn about the constellations using a shoe box planetarium. You'll chart the movement of the stars with nothing but a string, a marker, and a nail. And you'll use a toy magnet to simulate the Earth's protective force field. 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: Biology for Every Kid Chemistry 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

JANICE VANCLEAVE is a former school science teacher and a captivating presenter at museums, schools, and bookstores nationwide. She is the author of more than twenty other science books for children.

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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