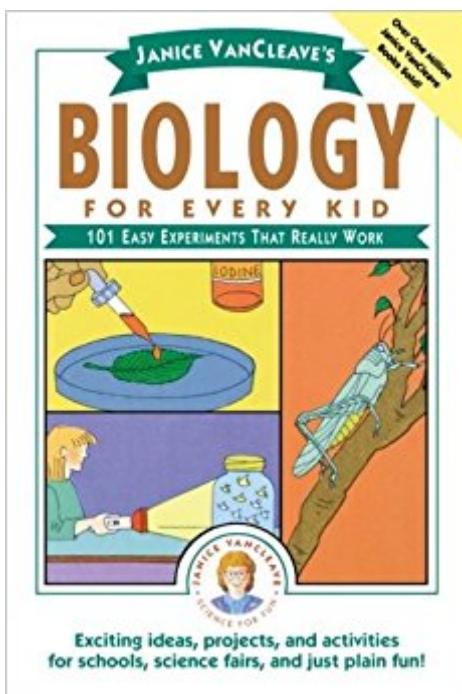


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# Janice VanCleave's Biology For Every Kid: 101 Easy Experiments That Really Work



## **Synopsis**

What's the effect of osmosis on a raisin? How is water transported through plant stems? What's the best way to grow penicillin? How are butterflies different from moths? Now you can discover answers to these and other fascinating questions about biologythe study of living organisms. In Biology for Every Kid, you'll learn how to talk with fireflies, watch bacteria wage war in a glass of milk, discover how to tell the temperature by counting cricket chirps, and find out how an apple and an onion can taste the same. 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.

## **Book Information**

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Age Range: 8 - 12 years

Grade Level: 4 - 7

## **Customer Reviews**

A book for young readers, parents and teachers that teaches the basic principles of biology through fun and educational experiments, which can be performed at home or in the classroom with simple, common equipment. Two main sections cover plants and animals. Each chapter begins with an explanation of the principle to be studied (such as plant structure, tropism, anatomy or animal chemistry), followed by a short series of experiments which demonstrate that principle.

What's the effect of osmosis on a raisin? How is water transported through plant stems? What's the

best way to grow penicillin? How are butterflies different from moths? Now you can discover answers to these and other fascinating questions about biology—the study of living organisms. In *Biology for Every Kid*, you'll learn how to talk with fireflies, watch bacteria wage war in a glass of milk, discover how to tell the temperature by counting cricket chirps, and find out how an apple and an onion can taste the same. 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.

This biology is nice with very easy experiment for very young kids to get them into science and to employ the scientific method in the most common scenarios. Some people may think it is too simplistic but as a biologist (I have my PhD to prove it), I use this for my 4, 8 and 10 year old kids. My 4 year old can follow these experiments quite easily with her older brothers leading. For my older kids, this introduces basic concepts in biology and the learn how to ask the right questions design simple experiments and then build on the knowledge they acquired. Most importantly you can find all the materials for these experiments around your house, your neighbor's house or your grocery store

This book is filled with so many cool experiments. I love how most of them require ingredients that are easily accessible or those that you already have in your house. This book is also customizable. You can go as deep as you want with the experiments and the science behind it, or you can also choose to stay superficial. This makes it perfect for a variety of age groups, which makes it appealing to homeschooling families. I am pleasantly surprised by this book and recommend it. We are using it as part of our science curriculum. My son is 13. I paid full price for this product. My thoughts and opinions are my own.

This is a great book. I originally bought it at a thrift store. I studied biology, and I love experiments and science, and I love to share that with kids. I was showing my copy to the neighbor's daughter, and she asked if she could keep it. Of course I let her have it, but couldn't easily find another copy. Fortunately, I found this copy and can now enjoy this book in the future. I would definitely recommend it.

I bought this to go with our 1st grade science unit. I've only looked through it a little and so far I think

it will be a great addition to what we are learning. A ton of ideas and projects to teach the kids a more hands on way and let the kids see what they are learning instead of just reading about it. This is a great 'teachers guide' and not so much a student book. Some of the projects need a little advance prepping so make sure you double check them before you start!

This is a nice book for home biology experiments. Most of the experiments worked for us, but, some did not. There are experiments that can be done in one sitting, and others that require a time commitment, so, there's a variety of experiments to fit your time schedule.

good enuf

You will not be disappointed with this book! Janice VanCleave's Biology For Every Kid is divided into these categories: plants, zoology, and the human body with tons of simple hands-on experiments that you can do for each. I use these experiments all the time in my 7th grade classroom and the kids love them. Learning is so much better when it's hands-on! I would highly recommend this book for upper elementary and middle school science teachers.

It is pretty interesting.

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