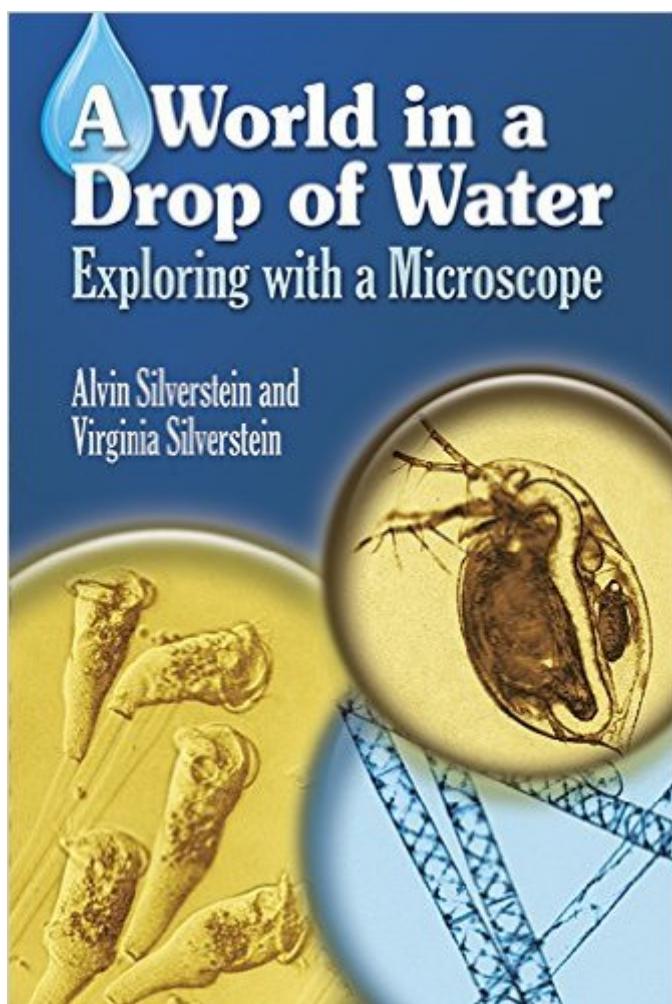


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# A World In A Drop Of Water: Exploring With A Microscope (Dover Children's Science Books)



## Synopsis

This inexpensive volume showcases an array of curious creatures: a blob-like amoeba; a slipper-shaped paramecium and its mortal enemy, the suctorian; and many others. The authors recount the feeding, reproductive, and defensive strategies employed by these animals in easy-to-understand language that opens the door to a wonderful world of discovery. 37 illustrations.

## Book Information

Series: Dover Children's Science Books

Paperback: 64 pages

Publisher: Dover Publications (August 13, 1998)

Language: English

ISBN-10: 0486403815

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Product Dimensions: 6.4 x 0.2 x 8.9 inches

Shipping Weight: 4 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 starsÂ  See all reviewsÂ  (59 customer reviews)

Best Sellers Rank: #107,363 in Books (See Top 100 in Books) #49 inÂ  Books > Children's Books > Education & Reference > Science Studies > Nature > Water #67 inÂ  Books > Children's Books > Science, Nature & How It Works > Experiments & Projects #86 inÂ  Books > Children's Books > Education & Reference > Science Studies > Biology

Age Range: 8 - 14 years

Grade Level: 3 - 8

## Customer Reviews

This is an excellent book describing the various life forms in a drop of pond water. It may well serve to make your child interested in using microscopes. In addition, there are a couple of pages about Anthony van Leeuwenhoek, who first made and described a microscope and what he could see with it. But if your child is the owner of a new microscope, I recommend the Usborne book "The World of the Microscope" which will give you ideas for making your own slides and give tips for using the microscope. For early-mid elementary aged kids, I also recommend "Greg's Microscope", which is a level 3 early reader that follows a young boy who yearns for a microscope, finally gets one, and learns to use it. THAT was the book that got my daughter to decide she wanted a microscope for Christmas!

I spent about half of my childhood staring down the end of a microscope. This book is by far the best introduction to microscopy for children. The instructions are clear and easy to follow and the projects are such that almost anyone with a mud puddle or pond nearby can do them. It's hard to compete with video games but if your child has any interest in science then this book, along with the tools that come with any microscope set, will open up an entire world of fun and learning.

I bought my daughter a Compound Microscope for Christmas~~~~ I wanted her to explore a new world and to get away from the electronic world! But what I didn't know was how excited the microscope was for me to because of this book! We went down to a local pond and pulled out water from different area's like the book say's! We looked under the Microscope and the new life it was amazing! But what was the greatest was what I found among the seaweed looking float'y algae looking stuff (not sure what to call it)~~Life~ is what we found ~~~ Microscopic tiny life that thrived on the seaweed stuff! Unbelievable! Tip~~~shake off dirt and stuff from plant life from the pond into a Petri dish, just where there is enough water to cover the bottom and keep turning it under a microscope and see if you can see what we saw!! We are so excited that after it warms up outside we are going to different ponds and lakes to test our theory that different microscopic water life lives in different water settings! Bravo for this book!!!!

I bought this book for my son when I bought his microscope. It gives a nice overview of ways to use the scope, what to look for, and the how/why of little tiny microscopic things. It's written in an easy-to-use manner without being dumbed down.

The book, "A World in a Drop of Water: Exploring with a Microscope" is a well written description of the world of microscopic animals found in water. It is well written on a basic level. However, the sub-title, "exploring with a microscope" is misleading. Besides a historical description about the origins of the microscope, there is nothing in the book related to microscopes. There are no pictures of microscopes, or even simple details on their use. There is little to connect the book to the microscope for young children. Even a picture of a child looking into a microscope would help make the content more related to the title.

I got this for my grand-daughter, who is 9 years old. She had no interest in it, but I won't let her disinterest diminish my rating. I thought and still think it is great for someone between 9 and 14, and beneficial to a lesser degree to someone in high school; a more advanced edition can be written for

such people. Of course individuals vary, so some like my grand-daughter need to wait until maybe 14 to find herself more interested, as she matures. But some even 7 years old may be interested. Perhaps boys are more naturally interested at a younger age, on average. My advice is to talk to a young one first, to determine the degree of his/her interest, before buying any book on the subject.

A short book about the things commonly viewable by a microscope that are found in pond water. Very interesting.

This really is an interesting and very, very helpful first book on what a child with a microscope can find in a jar of pond water. Alvin and Virginia Silverstein keep the text informative and simple and don't oversimplify or make it dull. There's a brief description of Leeuwenhoek's discovery of microscopic life, a chapter titled "Let's Go Hunting" to get the interest flowing and then sections on the common things found in a jar of pond water: amoeba, paramecium, algae, euglena, rotifers, hydra, and flatworms. This book is about collecting and looking at specimens - it is not meant to be an instructional book on the mechanics of a microscope. Throughout the book, there's a good quantity of black-and-white photos of each of these microscopic animals and they were obviously taken with a professional high-powered microscope - so the kids who use this book might be a little disappointed that they can't see these animals with such magnification or clarity - but I suspect that most kids will be perfectly fine with this. I think this book would be a good buy for a child from about 7 to 11 years old. It should really whet their appetites for using that microscope!

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