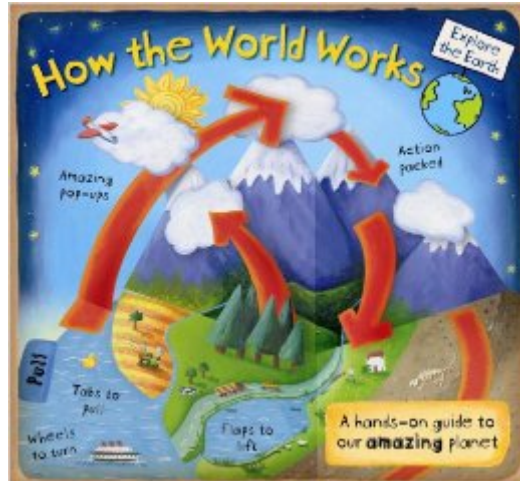


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# How The World Works: A Hands-On Guide To Our Amazing Planet



## Synopsis

How do the ocean currents move? What is a carbon footprint? Why does it rain? Readers are invited on a novelty-packed journey of discovery to find out how the earth works. Answering a multitude of questions about how our world works, this fun, engaging book introduces the earth's important cycles and offers an exciting way to learn geography and science. Packed with illustrations and paper fold-outs, flaps, pops, and more to boost interactive learning, HOW THE WORLD WORKS encourages children to think about the impact of human actions on our environment, while engendering respect for the natural world and all its harmonies.

## Book Information

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Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (39 customer reviews)

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Age Range: 7 - 10 years

Grade Level: 2 - 5

## Customer Reviews

I bought this book at a botanical gardens gift store. It starts with the solar system, then moves on the Earth's origin. It explains, in kid-friendly terms, plate tectonics, ocean currents, the water and carbon cycles, plants and the food chain. I majored in Environmental Sciences and I thought this book was really well done, especially with the use of the pull/turn tabs and the 3D pop-ups. Even as an adult, I found the book fascinating, and I'm looking forward to giving this book to my 6 year old son and my 8 year old nephew for Christmas. I did not find this book to have a "green propaganda" as one reviewer stated. It simply presents facts that we and our children's generation should know regarding our impact on the Earth. Another reviewer commented that God should be presented as a

part of the origin of the Earth. I disagree; I'm Episcopalian, and I teach my son about God and Creationism at home with separate Bible Story Books for kids. I bought this book as a way to explain, scientifically, how the Earth works, and this does a marvelous job of doing just that.

Here is a book that is at once broadly informative and visually exciting. With "tabs to pull," "wheels to turn," "flaps to lift," and "amazing pop-ups," this "hands-on guide to our amazing planet" is truly an "action-packed" way to "explore the Earth." Questions are posed: "What on earth happened? How did life on earth begin? Is the earth moving beneath our feet? Why does it rain?" Answers are posited and theories investigated. From the big bang to plate tectonics, weather patterns, the Gulf Stream, the carbon cycle, the food chain, the web of life and our place within it, **HOW THE WORLD WORKS** examines everything under the sun and beyond. Nothing has been left out of this jam-packed, fact-filled book. Vocabulary words such as condensation, precipitation, infiltration, and transpiration are introduced, and interesting factoids are sprinkled throughout: "A carbon atom in your eyelash might at one time have floated in the air, been buried underground, or been part of a woolly mammoth." Most importantly, readers are encouraged to consider the human impact on natural systems; for example a layered, lift-the-flap graphic reveals the carbon footprint of a cheeseburger. Young readers are invited onto a path of discovery where they are sure to be challenged and inspired at every turn. Not only will they be introduced to virtually everything there is to know about the physical sciences, this learning process is guaranteed to be a fun-filled adventure. The colorful illustrations, rendered in acrylic paint, are just right and the paper engineering is top-notch. Pull a tab to see plates collide; turn the page and mountains pop up in a stunning display demonstrating the water cycle. In short, a dizzying amount of information has been presented in a delightful, user-friendly format. **HOW THE WORLD WORKS** is one of the most thrilling books of its type for the year 2010. I highly recommend it for children, parents and teachers alike.

One of the BEST books ever! Love this book. I used it for a unit I created for the water cycle. It was an assignment for my M.Ed., but this book is perfect for a unit/lesson with children. It really would be so captivating to read with the children. My teacher loved the book so much. He is a science teacher. He said he was going to be buying the book. It really is quite exciting to see the pop up water cycle. There is a lot of info in here that could be used throughout the school year for many different science lessons.

This is a fantastic book for kids. It has lots of information that allows you to explain how things work in relation to the earth and science. You can keep it simple for the younger kids, but really read through the material for older kids. Tells about how planets were formed, life cycle of animals and plants, effects carbon has on the eco-system and atmosphere, how it rains, earthquakes and plate tectonics, various types of storms and wind speeds, and more. I should note that if you are not someone who believes in the big bang theory or global warming, you might not fully appreciate this book. However, you could still use it as a guide to explain how some people believe this or that.

Very interactive book filled with information about many questions young children have on our world's phenomena. Do not rush through this book since every subject in it should be followed by observations in nature and its environment. This book will inspire many activities for the whole family, young and old, throughout the year. Enjoy!

My son LOVES this book (he got it as a 5 year old) and we gave one to a 4 year old friend who called it "the best book ever!" Each page has something to do (most have multiple things) like turn a dial, pull tabs, etc. Really neat book to encourage an interest in the world around us and an understanding of the earth's processes. Based on current scientific understanding. The interactive plate tectonics part is especially cool, and it helps kids understand why some places have earthquakes and volcanoes. It's too bad K-12 and college books aren't this fun and interactive!

My five-year-old is eating this up. I think it's absolutely genius that young minds are exposed to not only how things work in the physical world, but are also presented with the human-caused problems facing us today within each context. Because of our collective reluctance to act on many of the issues presented, I see these as springboards for young minds to solve these issues in their lifetime. My son is already full of ideas to fix things (which, from a five year-old, can be anything from absolutely hilarious, to downright inspiring), and problem-solving is a lifelong skill that is priceless.

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