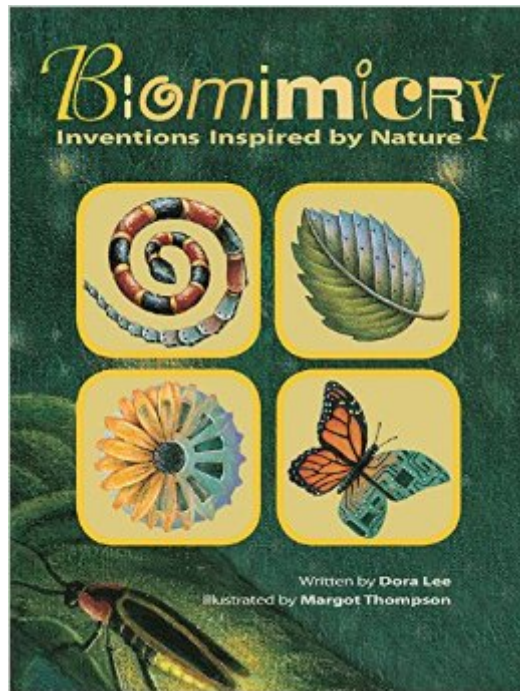


The book was found

# Biomimicry: Inventions Inspired By Nature



## Synopsis

Biomimicry examines the extraordinary innovations of the natural world and the human inventions they have inspired. Readers will learn about marvels such as high-performance swimsuits modeled after sharkskin and the sleek front ends of Japanese bullet trains based on the long, streamlined beak of the kingfisher. There's also plenty about what glimmers on the horizon: A Brazilian beetle may be key to developing computers that run on light, and the gecko's humble foot may hold the secret to revolutionizing the way surgical wounds are closed. Best of all, nature's inventions are lean, green machines that are self-sustaining and generate zero waste --- yet another cue humans are taking from the natural world. Astounding facts, easy-to-understand prose and luminous illustrations bring the wonders of nature into the science lab.

## Book Information

Lexile Measure: 1110L (What's this?)

Hardcover: 40 pages

Publisher: Kids Can Press (August 1, 2011)

Language: English

ISBN-10: 1554534674

ISBN-13: 978-1554534678

Product Dimensions: 9.2 x 0.3 x 12.2 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #142,067 in Books (See Top 100 in Books) #35 in [Books > Children's Books > Science, Nature & How It Works > Inventions & Inventors](#) #1127 in [Books > Children's Books > Education & Reference > Science Studies > Nature](#)

Age Range: 8 - 12 years

Grade Level: 3 - 7

## Customer Reviews

This book would be wonderful for kids, or even for an adult who yearns for the days of the How and Why types of wonderbooks. It introduces the relatively new field of biomimicry-- the study of animals to understand their engineering specialties, in a concise, readable, and understandable way.

Although it is aimed at small children, I pass this one around in my 300-level invertebrate zoology class on the first day. The simplicity assures my students that the ideas are not too complex, and it helps them to understand that zoology is more than simply a course they need to get through. It's a

course that can help them find an organism that sparks excitement by its abilities..

A bit hokey on the whole "Mother Nature" stuff (may as well go whole-hog and call her Gaia, eh?), but science has interesting things to teach us about solving problems in new (old) and natural ways. This is an exciting book, with lots of well-written information and clever illustrations. Could this book give your young scientists great ideas for science fair projects? Yes, indeed. Great vocabulary in this book, including: amino acids, antibiotics, autism, bacteria, biomimicry, camouflage, decompose...

donated to school

Reviews had led me to believe this was a serious book covering biomimicry in its various forms. It's a children's book, so just be aware of that before you purchase.

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Biomimicry: Inventions Inspired by Nature Engineered Biomimicry The Process of Creating Life: Nature of Order, Book 2: An Essay on the Art of Building and the Nature of the Universe (The Nature of Order)(Flexible) Zentangle Inspired Art: A Beginners Guide to Zentangle Art and Zentangle Inspired Art and Craft Projects The Art of Nature Coloring Book: 60 Illustrations Inspired by Vintage Botanical and Scientific Prints Mandala Wisdom: An Adult Coloring Book: 50 Stress Relief Mandala Designs Inspired by Nature, 50 quotes of perennial knowledge from humanity's ... Gift For Friends and Family, For All Holidays Designs: An Adult Coloring Book: 50 Stress Relief Mandala Designs Inspired by Flowers, Hearts, Animals, and other Patterns found in Nature, Adult ... Gift For Friends and Family, For All Occasions Magical Garden 2017 Coloring Wall Calendar: Coloring Meditations Inspired by Nature Stitches from the Garden: Hand Embroidery Inspired by Nature King Sequoia: The Tree That Inspired a Nation, Created Our National Park System, and Changed the Way We Think about Nature Wireless Computing in Medicine: From Nano to Cloud with Ethical and Legal Implications (Nature-Inspired Computing Series) The Nature of Order: An Essay on the Art of Building and the Nature of the Universe, Book 3 - A Vision of a Living World (Center for Environmental Structure, Vol. 11) The Nature of Order: An Essay on the Art of Building and the Nature of the Universe, Book 4 - The Luminous Ground (Center for Environmental Structure, Vol. 12) The Nature of Order: An Essay on the Art of Building and the Nature of the Universe, Book 1 - The Phenomenon of Life (Center for Environmental Structure, Vol. 9) Drawing Nature for the Absolute Beginner: A Clear & Easy Guide to Drawing Landscapes & Nature (Art for the Absolute Beginner) Izzie Lizzie Alligator: A Tale of a Big Lizard (No. 21 in Suzanne Tate's

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