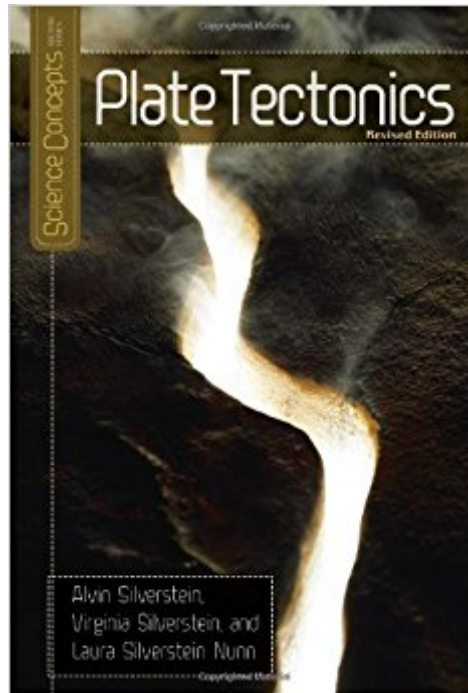




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# Plate Tectonics (Science Concepts Second)



## Synopsis

Each book in this series develops a fundamental concept of science. Each title explains the concept, gives some background, and discusses current applications and developments. This is an informative series designed to satisfy inquisitive young minds.

## Book Information

Series: Science Concepts Second

Library Binding: 120 pages

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Average Customer Review: 3.3 out of 5 stars 4 customer reviews

Best Sellers Rank: #456,395 in Books (See Top 100 in Books) #5 in Books > Science & Math > Earth Sciences > Geology > Plate Tectonics #93 in Books > Teens > Education & Reference > Science & Technology > Earth Science

## Customer Reviews

Grade 7-10-These veteran science writers outline the development of Western civilization's ideas about the structure of the earth, and accurately present the plate tectonic theory as the currently dominant view. After explaining how scientists confirmed it, they lay out its ramifications, including how volcanoes and earthquakes occur, calling them "earth's safety valves." The authors conclude by mentioning prospects for predicting earthquakes and eruptions, uses of geothermal energy, and examples of plate tectonics on other planets. The writing is clear, with several real-life examples to add immediacy and relevance to the text. The full-color photos, maps, and diagrams are for the most part well captioned and informative. There are a couple of minor slips, e.g., the citation for the map of the tectonic plates is incorrectly paged, and a photo that is supposed to show the flow of molten iron and nickel in the outer part of the earth's core is confusing. The list for further reading includes several pages of Internet addresses. Roy Gallant's *Earth* (Marshall Cavendish, 1998) lacks the color illustrations but covers the same topics in greater depth and has a more reliable selection of Web sites. Sean Grady's *Plate Tectonics* (Lucent, 1991; o.p.) has better diagrams of earthquake waves but doesn't draw as close connections with biological evolution as the Silversteins do. All in

all, a competent introduction to the topic. Jonathan Betz-Zall, Sno-Isle Regional Library System, Edmonds, WA Copyright 1999 Reed Business Information, Inc. --This text refers to an out of print or unavailable edition of this title.

Dr. Alvin Silverstein is a former Professor of Biology and Director of the Physician Assistant Program at the College of Staten Island of the City University of New York. Virginia B. Silverstein is a translator of Russian scientific literature. The Silversteins have produced more than two hundred published books that have received high acclaim from reviewers for their clear, timely, and authoritative coverage of science and health topics. Laura Silverstein Nunn, a graduate of Kean College, began helping with the research for her parents' books while she was in high school. Since joining the writing team, she has coauthored more than eighty books, including titles in the ENDANGERED IN AMERICA series, the SCIENCE CONCEPTS series, the SENSES AND SENSORS series, and the WHAT A PET! series. Laura lives with her husband Matt and their son Cory.

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Drawings were very basic and written to cover the schooling for Jr High but not a very helpful and educational volume.

Great science book for children

This book discusses the theory of plate tectonics and how it connects to volcanic and earthquake activity. It gives the history of how the plate tectonic theory evolved and includes many small pictures and diagrams. Relevant and interesting examples are provided in boxed areas, but a few boxed areas that appear in the middle of pages are distracting. At times I was wishing for diagrams

of things being discussed in the text while the page included a diagram or photo of something else. Overall, an informative discussion.

my eight year old grandson requested a book on plate tectonics?? after a lot of searching we decided on this.he was just delighted!!!!

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Plate Tectonics (Science Concepts Second) Holt Science & Technology Earth Science Chapter 7  
Resource File: Plate Tectonics Fourth Grade Science Volume 1: Topics: Earth's History through  
Rocks, Fossils and Tree Rings, Earth's Structure, Rocks and the Rock Cycle, Plate Tectonics  
Chapter 4, Plate Tectonics, California, Grade 6 (Focus on Earth Science) Glencoe Science FastFile  
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