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# Senior Secondary Biology Textbooks

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New Biology for West African Schools  
From Growing to Biology  
Protists and Fungi  
The American Controversy Over Creation and Evolution  
High School Biology Review  
Biology  
Trial and Error  
BSCS Biology  
A Global Perspective  
Fundamentals of Practical Biology  
A Cross-national Comparison of High School Biology Textbooks  
21 中国生物教育: 2010-2011  
CliffsNotes AP Biology  
Excellence in Biology  
New Biology  
High School Biology Tutor  
An Ecological Approach  
Fast Track: U.S. History  
Biology 2e  
Essential Review for AP, Honors, and Other Advanced Study  
Modern Biology for Secondary Schools  
The Study of Life from a Christian Worldview: 9th - 12th Grade  
Multiple Representations in Biological Education  
Biology Teacher's Handbook  
High-School Biology Today and Tomorrow  
Must Know High School Biology  
Your Key to Understanding and Mastering Complex Biology Concepts  
Measure, Integration & Real Analysis  
Content, Instruction, and Assessment of Genetics and Molecular Biology in Egypt and the United States  
Representations of Nature of Science in School Science Textbooks  
Handbook of Research on Science Education  
The Changing Scenario in Plant Sciences  
Glencoe Biology, Student Edition  
The Biology Coloring Book  
Plants 1e  
Exploring Creation with Biology  
Chinese Science Education in the 21st Century: Policy, Practice, and Research  
NCEA Level 3

Biology for NGSS.  
Biology for Senior Secondary Schools

Senior Secondary Biology Textbooks

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## DOYLE HARRISON

*New Biology for West African Schools* Axolotl Academic Publishing  
Trial and Error traces the coverage or lack thereof, of evolution in textbooks used in American public schools from the mid-1800s to the present. While the teaching of Darwinian evolution was common and not controversial in the late 19th century and into the early 20th century, the debates between evolutionists and creationists, those who argue that the Biblical theory of origins deserves equal treatment, have flared throughout the twentieth century--first in the 1920s, most famously in the Scopes trial; again in the 1960s, when the regional legislation banning the teaching of evolution was overturned, notably in Arkansas and Louisiana; and throughout the 1980s with various controversies over science textbooks, including California. Larson proposes to bring the subject up to the present through a discussion of recent trends, including the "intelligent design" movement, led by Phillip Johnson, a revised form of anti-evolutionism that gained popularity on college campuses; the impact of Michael Behe's versions of evolution; and debates over what counts as evidence for and against evolution--all of which have influenced debates over science standards, particularly at state and local levels. This new chapter will chronicle anti-evolution actions in Kansas and elsewhere and counter-actions by the National Academy of Science and other anti-creationist groups. This updated classic work presents a balanced historical interpretation of legal and educational debates over evolutionism, and will appeal to those interested in the fields of history, religion, science, and law.

### **From Growing to Biology** Routledge

Biology is where many of science's most exciting and relevant advances are taking place. Yet, many students leave school without having learned basic biology principles, and few are excited enough to continue in the sciences. Why is biology education failing? How can reform be accomplished? This book presents information and expert views from curriculum developers, teachers, and others, offering suggestions about

major issues in biology education: what should we teach in biology and how should it be taught? How can we measure results? How should teachers be educated and certified? What obstacles are blocking reform?

### *Protists and Fungi* Springer

Building on the foundation set in Volume I—a landmark synthesis of research in the field—Volume II is a comprehensive, state-of-the-art new volume highlighting new and emerging research perspectives. The contributors, all experts in their research areas, represent the international and gender diversity in the science education research community. The volume is organized around six themes: theory and methods of science education research; science learning; culture, gender, and society and science learning; science teaching; curriculum and assessment in science; science teacher education. Each chapter presents an integrative review of the research on the topic it addresses—pulling together the existing research, working to understand the historical trends and patterns in that body of scholarship, describing how the issue is conceptualized within the literature, how methods and theories have shaped the outcomes of the research, and where the strengths, weaknesses, and gaps are in the literature. Providing guidance to science education faculty and graduate students and leading to new insights and directions for future research, the Handbook of Research on Science Education, Volume II is an essential resource for the entire science education community.

### The American Controversy Over Creation and Evolution Partridge Africa

Covers life processes, ecology, cell structure and function, genetics, kingdoms, and human anatomy.

**High School Biology Review** Sinauer Associates, Incorporated  
Provides a review of key concepts and terms, advice on test-taking strategies, sample questions, and two full-length practice exams.

### *Biology* Taylor & Francis

"Biology for NGSS has been specifically written to meet the high school life science requirements of the Next Generation Science Standards (NGSS)."--Back cover.

### *Trial and Error* Princeton Review

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The new Must Know series is like a lightning bolt to the brain Every school subject has must know ideas, or essential concepts, that lie behind it. This book will use that fact to help you learn in a unique way. Most study guides start a chapter with a set of goals, often leaving the starting point unclear. In Must Know High School Biology, however, each chapter will immediately introduce you to the must know idea, or ideas, that lie behind the new biology topic. As you learn these must know ideas, the book will show you how to apply that knowledge to solving biology questions. Focused on the essential concepts of biology, this accessible guide will help you develop a solid understanding of the subject quickly and painlessly. Clear explanations are accompanied by numerous examples and followed with more challenging aspects of biology. Practical exercises close each chapter and will instill you with confidence in your growing biology skills. Must Know High School Biology features: •Each chapter begins with the must know ideas behind the new topic•Extensive examples illustrate these must know ideas•Students learn how to apply this new knowledge to problem solving•250 practical review questions instill confidence•IRL (In Real Life) sidebars present real-life examples of the subject at work in culture, science, and history•Special BTW (By the Way) sidebars provide study tips, exceptions to the rule, and issues students should pay extra attention to•Bonus app includes 100 flashcards to reinforce what students have learned

### BSCS Biology Princeton Review

Excellence in Biology Level 3 has been fully updated to take the realignment of Level 3 Biology into account. This resource has a highly visual approach and presentation. Hundreds of specially drawn illustrations, all in full colour, help students to understand biological concepts. The text includes comprehensive coverage of external NCEA Level 3 Achievement Standards and also the internally-assessed a How animals maintain a stable internal environmenta and a Human manipulation of genetic material and its biological implicationsa . The content is biologically accurate

and rigorous, and maximum priority is given to linking concepts. Each chapter concludes with a summary of essential facts and ideas, and a quick self-test of basics. Extension material is also provided for deeper understanding.

*A Global Perspective* John Wiley & Sons

Using the field of genetics as a case study, this book follows the troubled development of modern natural science in China from the 1920s, through Mao's China, to the present post-socialist era. Through detailed portraits of key scientists and institutions, basic dilemmas are explored: how to control nature with science, how to gain independence from foreign-controlled science, how to get scientists out from under control of ideology and the state. Using the field of genetics as a case study, this book follows the troubled development of modern natural science in China from the 1920s, through Mao's China, to the present post-socialist era. Through detailed portraits of key scientists and institutions, basic dilemmas are explored: how to control nature with science, how to gain independence from foreign-controlled science, how to get scientists out from under control of ideology and the state.

*Fundamentals of Practical Biology* Houghton Mifflin Harcourt

GET UP TO SPEED WITH FAST TRACK: U.S. History! Covering the most important material taught in high school American history class, this essential review book breaks need-to-know content into accessible, easily understood lessons. Inside this book, you'll find:

- Clear, concise summaries of the most important events, people, and concepts in United States history
- Maps, timelines, and charts for quick visual reference
- Easy-to-follow content organization and illustrations

With its friendly, straightforward approach and a clean, modern design crafted to appeal to visual learners, this guidebook is perfect for catching up in class or getting ahead on exam review. Topics covered in Fast Track: U.S. History include:

- Native Americans
- Colonial America
- The Revolutionary War
- Abolitionism and suffrage
- The Civil War and Reconstruction
- The Industrial Revolution
- The Great Depression
- World Wars I and II
- The Cold War
- Civil rights
- Conservatism and the "New Right"
- 9/11 and globalism ... and more!

### **A Cross-national Comparison of High School Biology Textbooks** Springer Nature

Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for

many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.

21  Master Books

[This program] encourages you to investigate how organisms and their behaviors are shaped by their environments. You will ask questions about what happens as organisms and their environments interact. You will be introduced to the big pictures showing how different local environments fit together to form patterns of life on Earth.-Foreword.

*CliffsNotes AP Biology* Rowman & Littlefield

Provides a basic biology review, a guide to homework assignments, and preparations for exams.

*Excellence in Biology* Biology for Senior Secondary Schools The text and illustrations of this biology textbook have undergone thorough revision and updating to provide more appropriate material for school and private students leading to the West African Examinations Council (WAEC) Senior Secondary School Examinations as well as the GCE examinations. *New Biology for West African Schools* *Fundamentals of Practical Biology* For Senior Secondary Schools and Colleges

Bringing together international research on nature of science

(NOS) representations in science textbooks, the unique analyses presented in this volume provides a global perspective on NOS from elementary to college level and discusses the practical implications in various regions across the globe. Contributing authors highlight the similarities and differences in NOS representations and provide recommendations for future science textbooks. This comprehensive analysis is a definitive reference work for the field of science education.

*New Biology* Gareth Stevens Publishing LLLP

Explores the appearance, characteristics, and behavior of protists and fungi, lifeforms which are neither plants nor animals, using specific examples such as algae, mold, and mushrooms.

**High School Biology Tutor** National Academies

This new publication in the Models and Modeling in Science Education series synthesizes a wealth of international research on using multiple representations in biology education and aims for a coherent framework in using them to improve higher-order learning. Addressing a major gap in the literature, the volume proposes a theoretical model for advancing biology educators' notions of how multiple external representations (MERs) such as analogies, metaphors and visualizations can best be harnessed for improving teaching and learning in biology at all pedagogical levels. The content tackles the conceptual and linguistic difficulties of learning biology at each level—macro, micro, sub-micro, and symbolic, illustrating how MERs can be used in teaching across these levels and in various combinations, as well as in differing contexts and topic areas. The strategies outlined will help students' reasoning and problem-solving skills, enhance their ability to construct mental models and internal representations, and, ultimately, will assist in increasing public understanding of biology-related issues, a key goal in today's world of pressing concerns over societal problems about food, environment, energy, and health. The book concludes by highlighting important aspects of research in biological education in the post-genomic, information age.

*An Ecological Approach* Princeton Review

Readers experience for themselves how the coloring of a carefully designed picture almost magically creates understanding. Indispensable for every biology student.

**Fast Track: U.S. History** Ardent Media

New Secondary Sciences has been specifically written to cover

the Ugandan syllabus. This course comprises Students' Books and Teacher's Guides for each subject that meet all the requirements of the syllabus.

**Biology 2e** Oxford University Press

This state-of-the art research Handbook provides a comprehensive, coherent, current synthesis of the empirical and theoretical research concerning teaching and learning in science and lays down a foundation upon which future research can be built. The contributors, all leading experts in their research areas,

represent the international and gender diversity that exists in the science education research community. As a whole, the Handbook of Research on Science Education demonstrates that science education is alive and well and illustrates its vitality. It is an essential resource for the entire science education community, including veteran and emerging researchers, university faculty, graduate students, practitioners in the schools, and science education professionals outside of universities. The National Association for Research in Science Teaching (NARST) endorses

the Handbook of Research on Science Education as an important and valuable synthesis of the current knowledge in the field of science education by leading individuals in the field. For more information on NARST, please visit: <http://www.narst.org/>. *Essential Review for AP, Honors, and Other Advanced Study* Research & Education Assoc.

Compares the topics of genetics and molecular biology in the national Egyptian Biology and the American Modern Biology high school biology textbooks in terms of the content covered.

Best Sellers - Books :

- [Haunting Adeline \(cat And Mouse Duet\)](#)
- [8 Rules Of Love: How To Find It, Keep It, And Let It Go By Jay Shetty](#)
- [American Prometheus: The Triumph And Tragedy Of J. Robert Oppenheimer](#)
- [The Summer Of Broken Rules](#)
- [The Last Thing He Told Me: A Novel](#)
- [My First Library : Boxset Of 10 Board Books For Kids](#)
- [You Will Own Nothing: Your War With A New Financial World Order And How To Fight Back](#)
- [Young Forever: The Secrets To Living Your Longest, Healthiest Life \(the Dr. Hyman Library, 11\)](#)
- [A Soul Of Ash And Blood: A Blood And Ash Novel \(blood And Ash Series\)](#)
- [Our Class Is A Family \(our Class Is A Family & Our School Is A Family\)](#)