

Your **Biology** book just got lighter by about 300 pages!

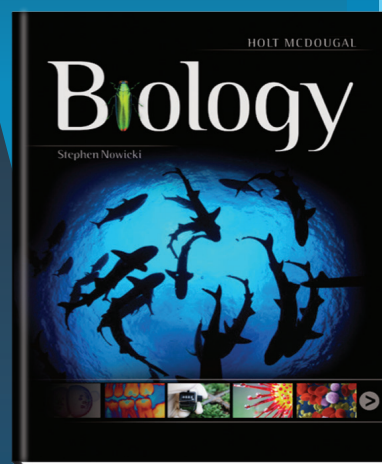
We've streamlined our **HMH® Biology © 2017** program to more closely align with the material most commonly taught in the classroom. But, for your convenience, the chapters that are no longer in the book are **still available online** so that you can continue to access the great content in Dr. Stephen Nowicki's program.

Here are the content changes at a glance:

- Less commonly taught topics have been removed and/or consolidated.
- Chapter 27, Animal Behavior, has been moved to the Ecology unit.
- Chapters 17, 18, 19, 20, 23, 25, and 28 are now included under Diversity of Life.
- Chapters 21, 22, 24, 26, 29, 30, 31, 32, 33, 34 have been moved to **online access only**.



© 2017



© 2012

© 2012

Unit 1 Introducing Biology

- 1 Biology in the 21st Century
- 2 Chemistry of Life

Unit 2 Cells

- 3 Cell Structure and Function
- 4 Cells and Energy
- 5 Cell Growth and Division

Unit 3 Genetics

- 6 Meiosis and Mendel
- 7 Extending Mendelian Genetics
- 8 From DNA to Proteins
- 9 Frontiers of Biotechnology

Unit 4 Evolution

- 10 Principles of Evolution
- 11 The Evolution of Populations
- 12 The History of Life

Unit 5 Ecology

- 13 Principles of Ecology
- 14 Interactions in Ecosystems
- 15 The Biosphere
- 16 Human Impact on Ecosystems

Unit 6 Classification and Diversity

- 17 The Tree of Life
- 18 Viruses and Prokaryotes
- 19 Protists and Fungi

Unit 7 Plants

- 20 Plant Diversity
- 21 Plant Structure and Function
- 22 Plant Growth, Reproduction, and Response

Unit 8 Animals

- 23 Invertebrate Diversity
- 24 A Closer Look at Arthropods
- 25 Vertebrate Diversity
- 26 A Closer Look at Amniotes
- 27 Animal Behavior

Unit 9 Human Biology

- 28 Human Systems and Homeostasis
- 29 Nervous and Endocrine Systems
- 30 Respiratory and Circulatory Systems
- 31 Immune System and Disease
- 32 Digestive and Excretory Systems
- 33 Protection, Support, and Movement
- 34 Reproduction and Development

Chapters that have been rearranged to align with a typical biology curriculum.

The new, lighter version of **Biology**

© 2017

Unit 1 Introducing Biology

- 1 Biology in the 21st Century
- 2 Chemistry of Life

Unit 2 Cells

- 3 Cell Structure and Function
- 4 Cells and Energy
- 5 Cell Growth and Division

Unit 3 Genetics

- 6 Meiosis and Mendel
- 7 Extending Mendelian Genetics
- 8 From DNA to Proteins
- 9 Frontiers of Biotechnology

Unit 4 Evolution

- 10 Principles of Evolution
- 11 The Evolution of Populations
- 12 The History of Life

Unit 5 Ecology

- 13 Principles of Ecology
- 14 Interactions in Ecosystems
- 15 The Biosphere
- 16 Human Impact on Ecosystems
- 17 Animal Behavior (was Chapter 27)

Unit 6 Diversity of Life

- 18 The Tree of Life (was Chapter 17)
- 19 Viruses and Prokaryotes (was Chapter 18)
- 20 Protists and Fungi (was Chapter 19)
- 21 Plant Diversity (was Chapter 20)
- 22 Invertebrate Diversity (was Chapter 23)
- 23 Vertebrate Diversity (was Chapter 25)
- 24 Human Systems and Homeostasis (was Chapter 28)

Newly configured chapters

Available online only

ONLINE ONLY in the © 2017 Edition

- 25 Plant Structure and Function
- 26 Plant Growth, Reproduction, and Response
- 27 A Closer Look at Arthropods
- 28 A Closer Look at Amniotes
- 29 Nervous and Endocrine Systems
- 30 Respiratory and Circulatory Systems
- 31 Immune System and Disease
- 32 Digestive and Excretory Systems
- 33 Protection, Support, and Movement
- 34 Reproduction and Development

To learn more about the new **Biology** © 2017 visit hmhco.com/biology

Connect with us:



**Chapters in blue have been moved to online access

HMH® and Houghton Mifflin Harcourt™ are trademarks or registered trademarks of Houghton Mifflin Harcourt.
© Houghton Mifflin Harcourt. All rights reserved. Printed in the U.S.A. 04/16 MS173420

hmhco.com • 800.225.5425