

STUDENT STUDY GUIDE FOR BIOLOGY

Eighth Edition

by Martha R. Taylor, *Cornell University*

By presenting concepts in a slightly different way than the text, this popular study guide will help you extract key ideas from the textbook and organize your knowledge of biology.

Study effectively and efficiently—and guarantee success in your biology course

- **Key Concepts** are included to reinforce the text chapter's big ideas.
- **Framework sections** help you form an overall picture of the material presented in each chapter while **Chapter Summaries** synthesize all the major biological concepts presented in *BIOLOGY, Eighth Edition*.
- **Interactive Questions** require you to work with figures and problems and **Word Roots** help you learn and remember key biological terms.
- **Structure Your Knowledge sections** ask you to link concepts by completing concept maps, filling in tables, labeling diagrams, and writing essays.
- **Test Your Knowledge sections** help you prepare thoroughly for exams.
- **A complete Answer Section** provides answers to all the study guide activities.

Martha R. Taylor has been teaching biology for over 30 years. She earned her B.A. in biology from Gettysburg College. After teaching biology in high school and community college, she went on to earn her M.S. and Ph.D. in science education from Cornell University. She was assistant director of the Office of Instructional Support at Cornell for seven years. She has taught introductory biology for both majors and non-majors at Cornell University for many years. Based on her experiences working with students in classrooms, laboratories, and tutorials, Dr. Taylor is committed to helping students create their own knowledge of and appreciation for biology. She has been the author of the *Student Study Guide* for all eight editions of *BIOLOGY* by Drs. Campbell and Reece.

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