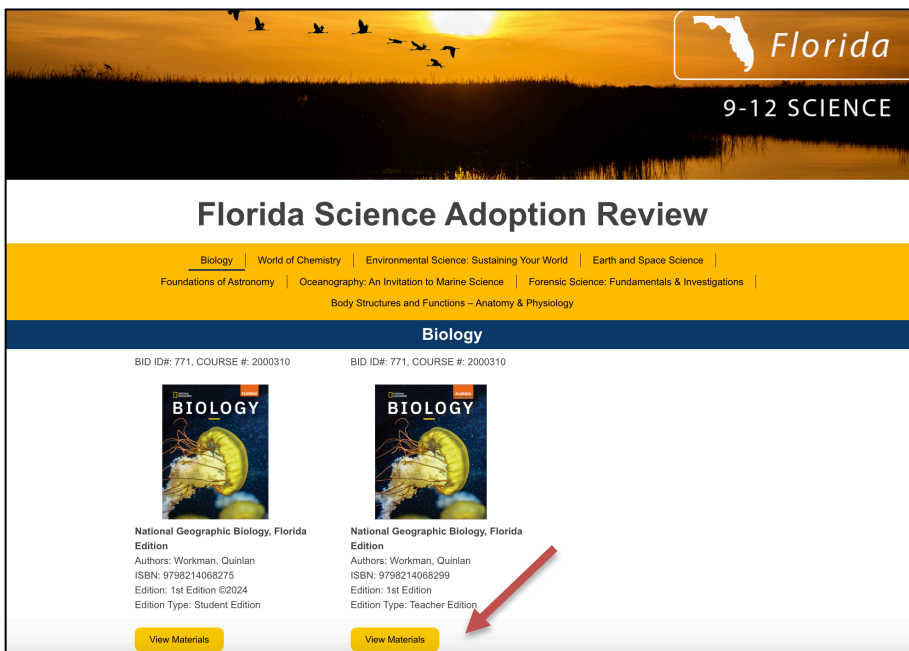


2023-2024 Florida Science Instructional Materials

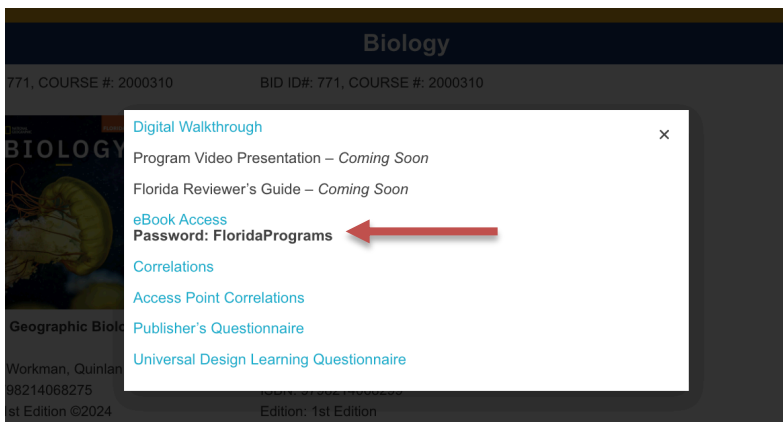
Review Instructions for the eBook represented by National Geographic Learning, a part of Cengage

Step 1: Select a Teacher eBook by clicking **View Material** for the course you wish to review.



The screenshot shows the Florida Science Adoption Review website. At the top, there is a banner for "Florida 9-12 SCIENCE". Below this is a navigation bar with categories like "Biology", "World of Chemistry", etc. The main content area is titled "Biology" and lists two eBook options, both with BID ID#: 771, COURSE #: 2000310. The first is the "Student Edition" and the second is the "Teacher Edition". A red arrow points to the "View Materials" button for the Teacher Edition.

Step 2: Click **eBook Access** in the pop-up menu to open the eBook.



The screenshot shows a pop-up menu for the Biology eBook. The menu is titled "Biology" and lists several options: "Digital Walkthrough", "Program Video Presentation – Coming Soon", "Florida Reviewer's Guide – Coming Soon", "eBook Access", "Password: FloridaPrograms", "Correlations", "Access Point Correlations", "Publisher's Questionnaire", and "Universal Design Learning Questionnaire". A red arrow points to the "eBook Access" option.

Step 3: The password is **FloridaPrograms**. Check **I'm not a robot** and then click **Get Started**.

NGL SYNC Help

National Geographic Biology, Florida Edition - Teacher Edition eBook

Welcome to your review portal!

- Changes made in the review portal are not saved after you log out.
- You have access to both the teacher and student experience.

Access ends on 6/1/2024 at 11:59 PM

Password

I'm not a robot reCAPTCHA Privacy - Terms

Get Started

Step 4: Click **Launch Course** to open the ebook.

NGL SYNC Welcome Review Teacher!

i During the review, you can switch between teacher and student view. Changes made to these courses are not saved after you log out. Review as: Teacher

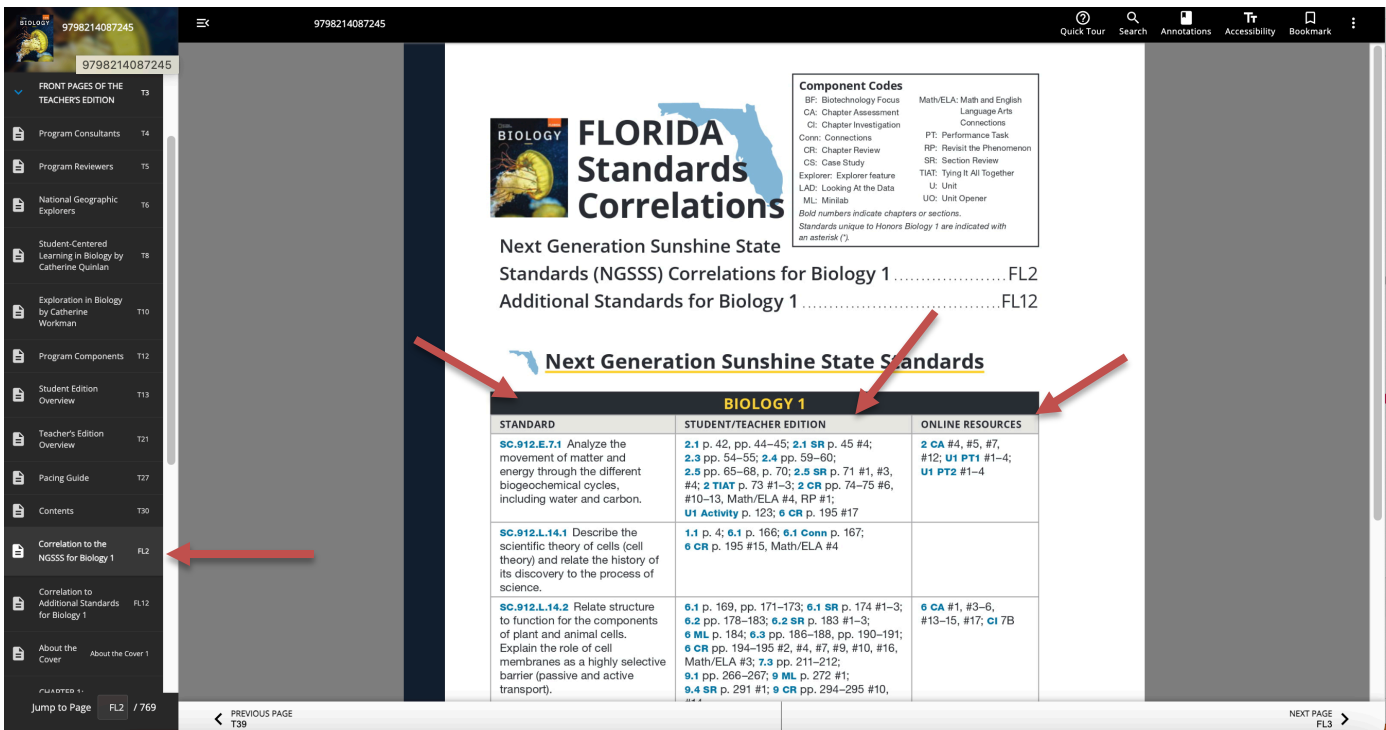
HS BIOLOGY STUDENT EDITION FL HS BIOLOGY STUDENT EDITION FL
Instructed by Review Teacher

[More Details](#) Launch Course Course Resources

Step 5: Click the Next Page > to flip the pages. To jump to a specific page, click on a tab in the menu on the right.



Step 6: Use the menu on the right to jump to specific pages. Standards are listed in the left column with correlating pages in the student/teacher edition are listed in the center column and online resources in the right column.



Step 7: Click the Next Page > to flip the pages. To jump to a specific chapter, click on a tab on the right and you will be taken to the chapter. Click on the Next Page > to continue to flip through the book and explore the chapter.

The screenshot displays a digital textbook interface. On the left is a vertical navigation pane with a table of contents. The main content area is divided into three sections: text, an image, and a science background section. Navigation controls are located at the top and bottom of the interface.

Item	Page
Student Edition Overview	T13
Teacher's Edition Overview	T21
Pacing Guide	T27
Contents	T30
Correlation to the NGSSS for Biology 1	FL2
Correlation to Additional Standards for Biology 1	FL12
About the Cover	About the Cover 1
CHAPTER 1: INTRODUCTION TO BIOLOGY	2
UNIT 1: RELATIONSHIPS IN ECOSYSTEMS	36
NATIONAL GEOGRAPHIC EXPLORER DIVA AMON	38
CHAPTER 2: ENERGY AND MATTER IN ECOSYSTEMS	40
CHAPTER 3: BIODIVERSITY AND ECOSYSTEM STABILITY	76
CHAPTER 4: POPULATION MEASUREMENT AND GROWTH	98

ENGAGE

Unit Phenomenon

In this unit, students will investigate the question, "How do sea pigs survive in the deep ocean?" Each chapter provides information that will help answer this Driving Question.

Chapter 2 *How do matter and energy move throughout an ecosystem?*
Students learn about the movement of energy and matter through ecosystems, the modeling of this movement using ecological pyramids, and cycles of matter, such as the carbon cycle.

Chapter 3 *How is biodiversity related to ecosystem stability?*
Students are introduced to important ecological concepts, including competition, predation, and symbiosis. They also learn about ecosystem stability and different measures of biodiversity.

Chapter 4 *What factors affect the size of a population?*
Students learn about population dynamics, measurement, and modeling, as well as factors that limit population growth.

Unit Activity Students revisit the Unit Phenomenon to make a claim about the Driving Question and apply reasoning to the evidence they have gathered throughout the unit.

UNIT 1
RELATIONSHIPS IN ECOSYSTEMS

SCIENCE BACKGROUND

PREVIOUS PAGE 36D NEXT PAGE 37