

Focused Courses are aligned to high school graduation requirements in math, English, science, social studies, and health. These courses are based on Core Courses but have a reduced scope—including having all teacher-scored activities removed—to focus students' time on direct instruction and computer-scored assessment.

UNIT 1: INTRODUCTION TO THE LIVING EARTH

- Lesson 1: Core Ideas of Life Science
- Lesson 2: Structure and Function: Cells to Organisms
- Lesson 3: Maintaining Homeostasis
- Lesson 4: Introduction to the Living Earth: Wrap Up

UNIT 2: DNA AND HEREDITY

- Lesson 1: DNA and Cell Reproduction
- Lesson 2: Heredity
- Lesson 3: Mendelian Genetics
- Lesson 4: DNA and Heredity Wrap-Up

UNIT 3: DNA TO PROTEINS

- Lesson 1: Structure of Genetic Material
- Lesson 2: From Nucleic Acids to Proteins
- Lesson 3: Biotechnology
- Lesson 4: DNA to Proteins Wrap-Up

UNIT 4: EVOLUTION

- Lesson 1: Adaptation and Natural Selection
- Lesson 2: Evolution of Species
- Lesson 3: Diversity of Life
- Lesson 4: Evolution Wrap-Up

UNIT 5: EARTH'S STRUCTURE AND EVOLUTION

- Lesson 1: The Geosphere
- Lesson 2: The Atmosphere and Hydrosphere
- Lesson 3: The Changing Biosphere
- Lesson 4: Earth's Structure and Evolution Wrap-Up

UNIT 6: SEMESTER WRAP-UP

- Lesson 1: Semester Review and Exam

UNIT 7: THE BIOSPHERE

- Lesson 1: Nature of the Biosphere
- Lesson 2: Matter and Energy in the Biosphere
- Lesson 3: Earth's Ecosystems and Biomes
- Lesson 4: The Biosphere: Wrap Up

UNIT 8: ECOLOGY

- Lesson 1: Populations
- Lesson 2: Communities

- Lesson 3: Changes in Ecosystems
- Lesson 4: Ecology: Wrap Up

UNIT 9: HUMANS AND THE ENVIRONMENT

- Lesson 1: Human Ecology
- Lesson 2: Natural Resources and Land Use
- Lesson 3: Pollution and Its Effects
- Lesson 4: Humans and the Environment: Wrap Up

UNIT 10: SUSTAINABILITY FOR THE FUTURE

- Lesson 1: Global Challenges
- Lesson 2: Sustainable Practices
- Lesson 3: Sustainability for the Future: Wrap-Up

UNIT 11: SEMESTER WRAP-UP

- Lesson 1: Semester Review and Exam