

AP[®] Biology

Your Course at a Glance

Plan

The course at a glance provides a useful visual organization of the AP Biology components, including:

- Sequence of units, along with approximate weighting and suggested pacing. Please note, pacing is based on 45-minute class periods, meeting five days each week for a full academic
- Progression of topics within each unit.
- Spiraling of the big ideas and science practices across units.

Teach

SCIENCE PRACTICES

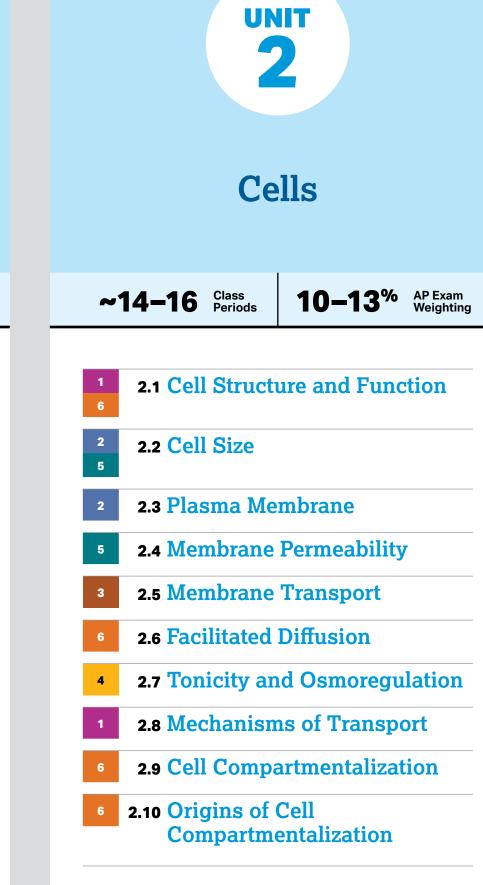
Science practices spiral throughout the course. Concept Explanation 4 Representing and

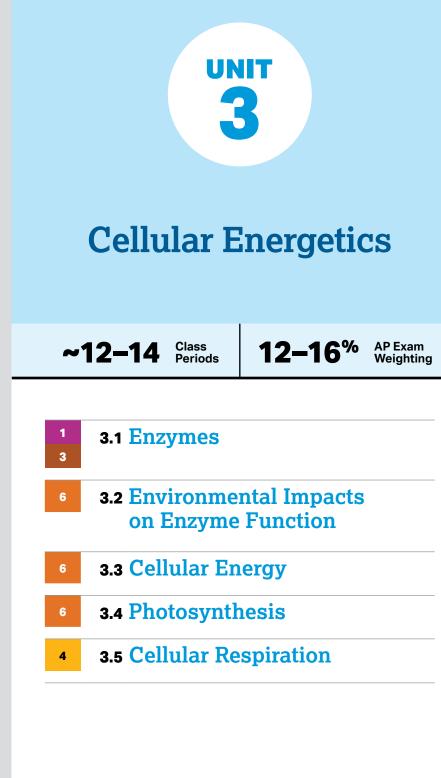
- ² Visual Representations Questions and
- Describing Data 5 Statistical Tests and
- Data Analysis 6 Argumentation

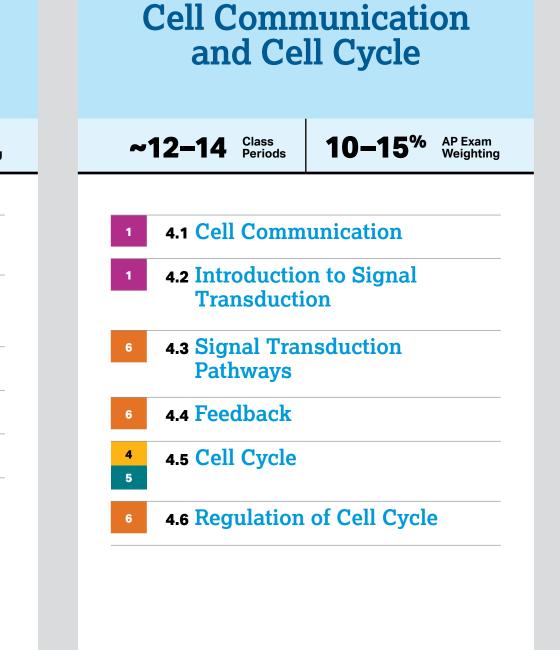
Methods

Assign the Progress Checks—either as homework or in class—for each unit. Each Progress Check contains formative multiple-choice and freeresponse questions. The feedback from the Progress Checks shows students the areas where they need to focus.

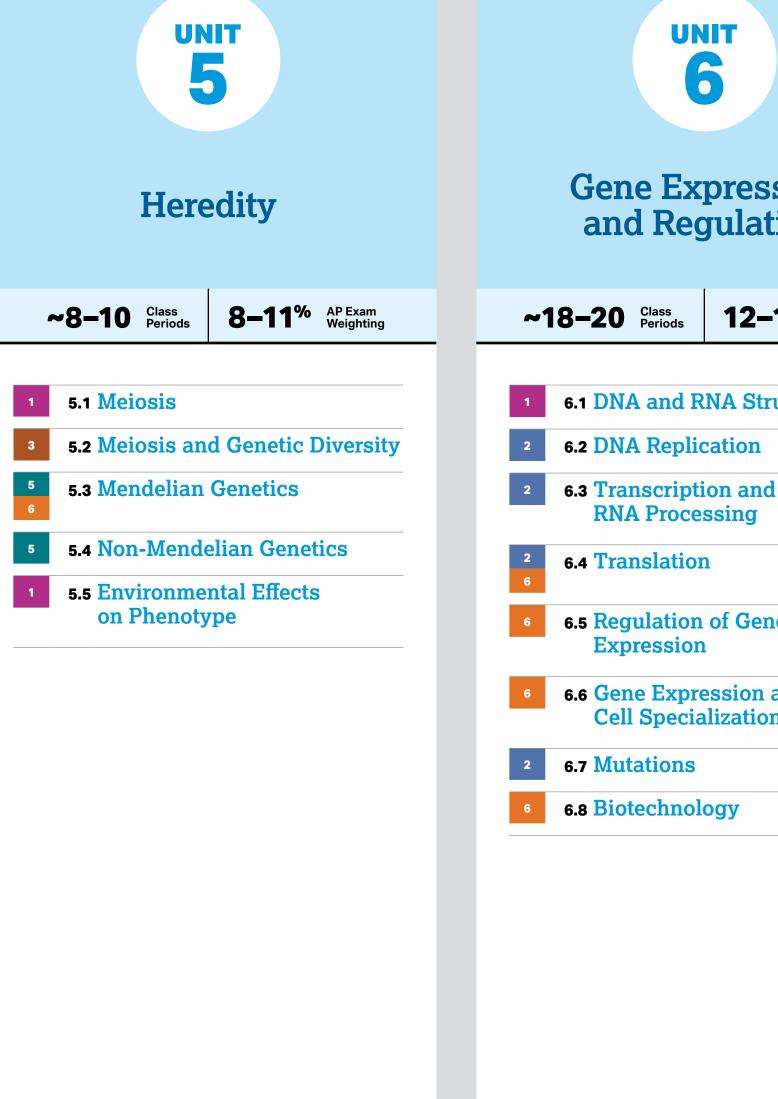
UNIT **Chemistry of Life** ~9−11 Class 8−11% AP Exam Weighting 1.1 Structure of Water and Hydrogen Bonding 1.2 Elements of Life 1.3 Introduction to Macromolecules 1 1.4 Carbohydrates 6 1.5 Lipids 2 1.6 Nucleic Acids 6 1.7 Proteins

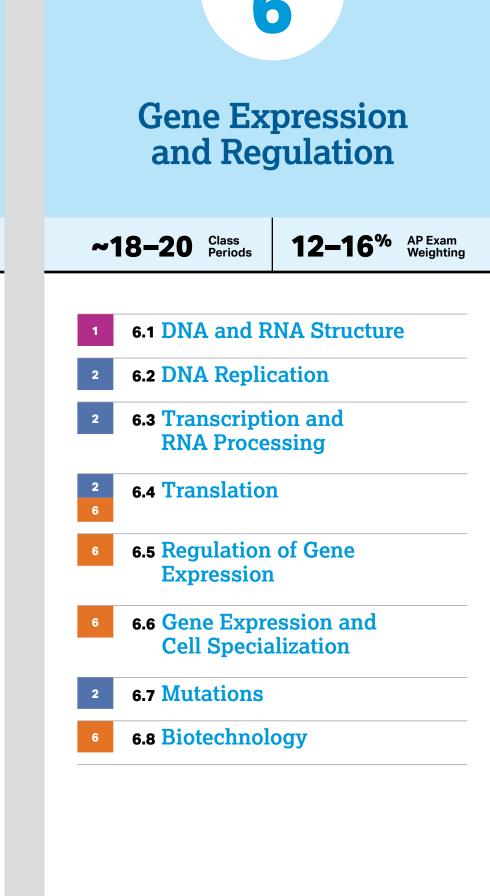






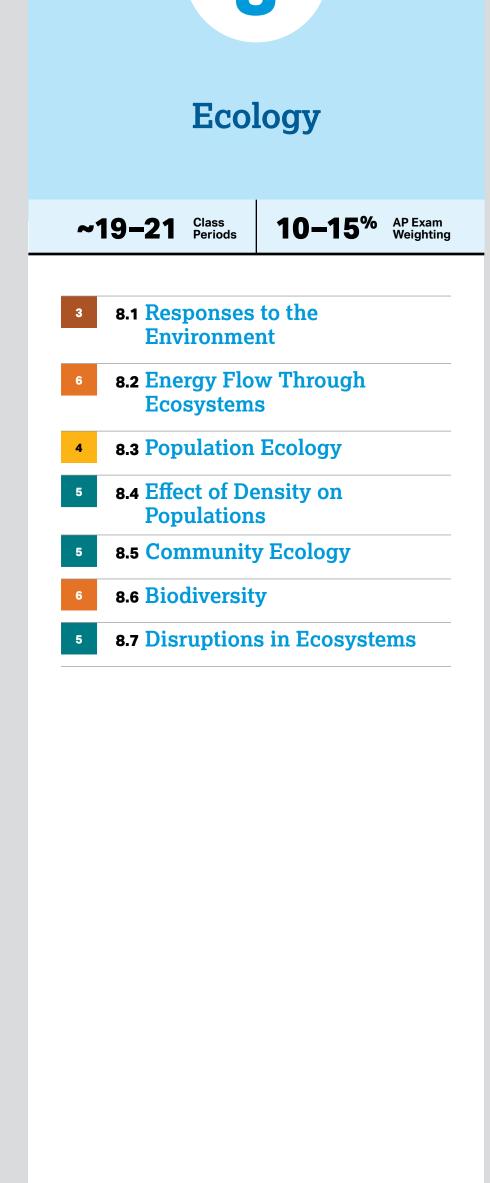
UNIT







UNIT



UNIT

Assess

Progress Check 1

Multiple-Choice: ~24 questions Free-Response: 2 questions

- Conceptual Analysis (partial)
- Analyze Model or Visual Representation (partial)

Free-Response: 2 questions

Progress Check 2

Multiple-Choice: ~33 questions (2 parts)

- Interpreting and Evaluating Experimental Results (partial)
- Analyze Model or Visual Representation (partial)

Progress Check 3

Multiple-Choice: ~19 questions Free-Response: 2 questions

 Interpreting and Evaluating Experimental Results with Graphing (partial) Scientific Investigation (partial)

Progress Check 4 Multiple-Choice: ~24 questions Free-Response: 2 questions

 Interpreting and Evaluating Experimental Results (partial) Analyze Data

Progress Check 5

Multiple-Choice: ~23 questions Free-Response: 2 questions Interpreting and Evaluating **Experimental Results with Graphing** Conceptual Analysis

Progress Check 6 Multiple-Choice: ~25 questions

Free-Response: 2 questions

 Interpreting and Evaluating Experimental Results

Analyze Model or Visual Representation

Progress Check 7 Multiple-Choice: ~48 questions (2 parts)

Free-Response: 2 questions Interpreting and Evaluating Experimental Results with Graphing Analyze Data

Progress Check 8

Free-Response: 2 questions Interpreting and Evaluating **Experimental Results with Graphing** Scientific Investigation

Multiple-Choice: ~24 questions