



ALLEN ACADEMY

AP Biology

First Trimester	Second Trimester	Third Trimester
<p>Unit 1: Review Biochemistry</p> <p>Unit 2: Review of Cells</p> <p>Lab: Cells and Tissues Lab: Crossover in Sordaria Lab: Enzyme Action</p> <p>Unit 3: Cell Transport and Communication</p> <p>Lab: Osmosis and Diffusion Lab: Transpiration</p> <p>Unit 4: Cell Cycle</p> <p>Lab: Mitosis Lab: Meiosis in Sordaria</p> <p>Unit 5: Photosynthesis</p> <p>Lab: Photosynthesis</p> <p>Unit 6: Cellular Respiration</p> <p>Lab: Cellular Respiration</p>	<p>Unit 7: Genetics</p> <p>Lab: Corn Genetics Lab: Population Genetics</p> <p>Unit 8: DNA and Protein Synthesis</p> <p>Lab: Restriction Enzyme Analysis of DNA</p> <p>Unit 9: Biotechnology</p> <p>Lab: Bacterial Transformation</p>	<p>Unit 10: Evolution</p> <p>Lab: Comparison of DNA Sequences to Understand Evolutionary Relationships</p> <p>Unit 11: Microbiology</p> <p>Lab: Bacterial Culture and Antiseptic Properties of Popular Cleaning Agents</p> <p>Unit 12: Plants</p> <p>Lab: Influence of Auxins on Plant Growth</p> <p>Unit 13: Ecology</p> <p>Lab: Energy Dynamics</p>

Instructional Resources:

- Online Text