

**AP Biology
Curriculum Map
2006-2007**

Month	Content	Skills	Assessment	Essential Questions	Standards
August	Chemical composition of organisms	Identify simple chem. Reactions. Identify water and nutrient properties	Discussion; worksheet; essay; tests; labs	What is a chemical reaction? Why are water and nutrients important to life?	11 A 12 A
September	Cells Enzymes	Compare/contrast eukaryotic and prokaryotic cells. Relate enzymes to inhibition and regulation	Labs; lab reports; reading response sheets; essay; exam.	How do cells differ? How do enzymes work to regulate a body?	12 A 12 B
October	Energy Transformations; Cell Division	Compare/contrast glycolysis, respiration, and photosynthesis. Compare/contrast mitosis and meiosis in plants and animals	Labs; lab reports; reading response sheets; essay; exam.	How is energy transformed in living bodies? How do cells divide?	12A 12B 12C
November	Chemical nature of a gene; Angiosperm structures and function	Relate protein synthesis to transcription, and post-transcription processing. Explain food and water translocation and storage	Labs; lab reports; reading response sheets; essay; exam.	What is a gene? What are angiosperms?	12A 12B