

AP Biology Timeline 2004-05

Week	Chapter # Name	Lab # Name	Exams
9/7 (4)	1 Themes 2 Chemical Context of Life 3 Water	11 Animal Behavior	
9/13 (3)	4 Carbon 5 Macromolecules	Building Macromolecules	
9/20 (5)	7 Cells	BIG Cell	Ch 1-5
9/27 (5)	8 Membranes	1 Diffusion/Osmosis	
10/4 (5)	44 Internal Environment 48 Nervous Systems	Discover Videos	Ch 7, 8
10/12 (4)	6 Metabolism/Enzymes 9 Respiration	2 Enzymes 5 Cell Respiration	Ch 44, 48
10/18 (5)	10 Photosynthesis	5 Cell Respiration (complete) Use of Spectrophotometer	Ch 6
10/25 (5)	12 Cell Cycle	4 Plant Pigments	Ch 9, 10
11/1 (4)	14 Mendelian Genetics	3 Mitosis	
11/8 (4)	13 Meiosis	DNA Extraction	Ch 12, 13, 14
11/15 (5)	16 DNA	Virtual Fly	
11/22 (3)	17 Genes to Protein	6a Transformation	
11/29 (5)	18 Virus and Bacteria 19 Eukaryotic Genome	6b Restriction Analysis	Ch 16, 17
12/6 (5)	15 Chromosomal Basis of Inheritance	Plasmid prep/ Protein purification	
12/13 (5)	20 DNA Technology	Chi Square/Problems	
12/20 (4)	20 DNA Technology		Ch 18, 19, 20
12/27	VACATION	VACATION	
1/3 (5)	22 Darwin 23 Evolution of Populations	Virtual Fly Due after vacation 8 Population Genetics	
1/10 (5)	24 Origin of Species 25 Phylogeny (Classification Overview)		
1/18 (4)	29 Plant Diversity I 30 Plant Diversity II		Ch 22-25
1/24 (5)	Midterm Week 35 Plant Structures	Plant Structures Lab	Midterm

1/31 (5)	36 Plant Transport 37 Plant Nutrition	9 Transpiration in Plants	Ch 29, 30, 35-37
2/7 (5)	38 Plant Reproduction 39 Plant Control		Ch 38, 39
2/14 (5)	41 Animal Nutrition		Ch 41
2/21	VACATION Vacation Assignment: TBA		Ch 27, 28, 29, 31, 32, 33
2/28 (5)	Review Vacation Assignment		Vacation Exam
	42 Circulation and Gas Exchange	Physiology of Circulation	
3/7 (5)	43 Bodies Defenses	Discover Videos	
3/14 (5)	45 Chemical Signals 11 Cell Communication		Ch 42, 43
3/21 (3)	49 Sensory and Motor Systems		Ch 45, 11
3/29 (4)	46 Reproduction 47 Development	Fetal Calf (after AP)	
4/4 (5)	Complete Repro and Development 50-55 Ecology	12 Dissolved Oxygen	Ch 46, 47, 49
4/11 (5)	50-55 Ecology		
4/18 (5)	50-55 Ecology and review		Ch 50-55
4/25-29	VACATION ASSIGNMENT: AP Review Summation Exam (Final)		
5/2 (5)	Review		
5/9	AP EXAM IN BIOLOGY (AM)		
5/16-end	Student Projects		

AP is a rigorous course that will require significant effort your maximum success. Complete the assignments, labs and prepare for class regularly. As in any college course, responsibility for learning is in your hands. The pay-off is good. You will gain knowledge, skills, rich program and college credit/placement.