

Anatomy & Physiology

Course Schedule 2008-2009

1st Quarter

Date	Topic	Pages	Assignment
21-Aug	Introduction to the class	-	Signature Form - Due Mon 8/25
22-Aug	Pretest	-	"Levels of Organization" Worksheet
Unit 1 - CH 1&2: "Introduction and Chemistry"			
25-Aug	Levels of Organization	3-10	
26-Aug	Homeostasis	11-14	
27-Aug	Frames of Reference	15-22	Lab 1 (2)
28-Aug	Bonding and Chemical Reactions	26-36	
29-Aug	Inorganic Chemistry	37-41	
1-Sep	LABOR DAY - NO SCHOOL		NO SCHOOL
2-Sep	Organic Chemistry Pt. 1	42-49	
3-Sep	Organic Chemistry Pt. 2	50-57	Lab 2 (3)
4-Sep	Review Game	-	
5-Sep	Exam Unit 1	-	Study Guide 1
Unit 2 - CH 3&4: "Cells and Tissues"			
8-Sep	The Cell Membrane	62-67	
9-Sep	The Cytoplasm	68-83	
10-Sep	LIBRARY VISIT	-	
11-Sep	Cell Transport	84-94	Lab 3 (5)
12-Sep	The Cell Life Cycle	95-100	
15-Sep	Tissues and Membranes pt. 1	106-128	
16-Sep	Tissues and Membranes pt. 2	129-137	Lab 4 (6)
17-Sep			
18-Sep	Review Game	-	
19-Sep	Exam Unit 2	-	Study Guide 2
Unit 3 - CH 5: "The Integumentary System"			
22-Sep	The Epidermis	153-161	
23-Sep	The Dermis	161-162	
24-Sep			
25-Sep	The Subcutaneous Layer	163-164	Lab 5 (11)
26-Sep	Accessory Structures	164-169	
29-Sep	Response to Injury	170-172	
30-Sep	Aging and Integration	173-174	Lab 6 (12)
1-Oct			
2-Oct	Review Game	-	
3-Oct	Exam Unit 3	-	Study Guide 3
Unit 4 - CH 6-8: The Skeletal System			

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2nd Quarter

Date	Topic	Pages	Assignment
Unit 5 - CH 9-11: The Muscular System			
20-Oct	Classification of Joints	258-262	
21-Oct	Synovial Joints	263-268	
22-Oct			
23-Oct	Representative Articulations	269-279	Lab 9 (16)
24-Oct	Anatomy of Skeletal Muscle	283-291	
27-Oct	Contraction of Skeletal Muscle	292-315	
28-Oct	Muscle Energy Use	316-320	
29-Oct			
30-Oct	Muscle Organization	326-329	Lab 10 (18,19)
31-Oct	Muscle Terminology	330-335	
3-Nov	The Axial Muscles	336-349	
4-Nov	Appendicular Muscles; Review Game	350-373	Lab 11 (20,21)
5-Nov			
6-Nov	Exam Unit 5	-	Study Guide 5
7-Nov	PARENT/TEACHER CONFERENCE		NO SCHOOL
Unit 6 - CH 12&13: The Spinal Cord			
10-Nov	Neurons	379-389	
11-Nov	Ion Movement and Signaling	390-411	
12-Nov			
13-Nov	Information Processing	412-415	Lab 12 (23)
14-Nov	The Spinal Cord	421-428	Research Paper 2
17-Nov	Spinal Nerves	429-440	
18-Nov	Spinal Reflexes	441-446	Lab 13 (24)
19-Nov			
20-Nov	Review Game	-	
21-Nov	Exam Unit 6	-	Study Guide 6
24-Nov	Medical Research Reports		
25-Nov	Medical Research Reports		
Unit 7 - CH14-16: The Cranial Nerves			
1-Dec	Protection and Support	451-458	
2-Dec	The Brain Pt. 1	459-463	
3-Dec			
4-Dec	The Brain Pt. 2	464-479	Lab 14 (25)
5-Dec	Cranial Nerves	480-490	
		495-507	

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3rd Quarter

Date	Topic	Pages	Assignment
Unit 8 - CH 17: The Special Senses			
5-Jan	Pretest	-	
6-Jan	Olfaction	549-551	
7-Jan			
8-Jan	Gustation	552-553	Lab 16 (28)
9-Jan	Vision	554-571	
12-Jan	Hearing	573-575	
13-Jan	Equilibrium	576-578	Lab 17 (29,31)
14-Jan	NMSBA For Sophomores		
15-Jan			
16-Jan	Review Game	-	
19-Jan	NO SCHOOL - MLKjr DAY		
20-Jan	Exam Unit 8	-	Study Guide 8
21-Jan			
Unit 9 - CH 18: The Endocrine System			
22-Jan	Introduction to the Endocrine System	590-599	
23-Jan	Endocrine Glands	600-616	
26-Jan	The Pancreas	616-619	
27-Jan	Endocrine Tissues and Interaction	620-630	Lab 18 (33)
28-Jan			
29-Jan	Review Game	-	
30-Jan	Exam Unit 9	-	Study Guide 9
Unit 10 - CH 19-21: The Cardiovascular System			
2-Feb	Blood	639-642	
3-Feb	Blood Cells	643-664	
4-Feb			
5-Feb	Anatomy of the Heart	669-683	Lab 19 (34)
6-Feb	The Heartbeat	684-694	
9-Feb	Cardiodynamics	695-703	
10-Feb	Cardiovascular Physiology	708-735	Lab 20 (35)
11-Feb			
12-Feb	Cardiovascular Movie		
13-Feb	NO SCHOOL - PT CONFERENCES		
16-Feb	NO SCHOOL - PRESIDENTS DAY		
17-Feb	Cardiovascular Circuits	736-752	
18-Feb			
19-Feb	Fetal Circulation and Integration	753-757	Lab 21 (36)
20-Feb	Review Game	-	
23-Feb	Exam Unit 10	-	Study Guide 10
Unit 11 - CH 22: the Lymphatic System			
24-Feb	Organization of the Lymphatic System	763-774	

13-Mar	Trachea and Lungs	821-829	Lab 24 (39)
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3rd Quarter

Date	Topic	Pages	Assignment
16-Mar	Ventilation	830-837	
17-Mar	Exchange / Control	839-856	
18-Mar			
19-Mar	Review Game		Lab 25 (40)
20-Mar	Exam Unit 12	-	Study Guide 12
Unit 13 - CH 24&25: The Digestive System			
30-Mar	Organs of the Head and Neck	862-876	
31-Mar	Junior SBA		
1-Apr			
2-Apr			
3-Apr	The Stomach and Intestines	877-909	
6-Apr	Carbohydrate Metabolism	915-926	Lab 26 (41)
7-Apr	Lipid Metabolism	927-929	
8-Apr			
9-Apr	Protein Metabolism and Nutrition	930-945	Lab 27 (42)
10-Apr	NO SCHOOL - GOOD FRIDAY		
13-Apr	Review Game	-	
14-Apr	Exam Unit 13 / Overview and Kidneys	951-964	Study Guide 13
15-Apr			
Unit 14 - CH 26&27: The Urinary System			
16-Apr	Filtration	965-968	
17-Apr	Secretion	969-981	Lab 28 (43)
20-Apr	Elimination	982-988	
21-Apr	Balance	994-1020	
22-Apr			
23-Apr	Review Game	-	
24-Apr	Exam Unit 14	-	Study Guide 14
Unit 15 - CH 28&29 - Reproduction and Inheritance			
27-Apr	Male Reproductive System	1029-1047	
28-Apr	Female Reproductive System	1048-1067	
29-Apr			

26-May	Pig Presentations	-	Pig Presentations
27-May	Pig Presentations	-	
28-May	Final Exams		
29-May	Final Exams		