

	MONDAY September 3	TUESDAY September 4	WEDNESDAY September 5	THURSDAY September 6 Day 1	FRIDAY September 7 Day 2		
A P B I O L O G Y	<p>Over the summer students should have completed the following assignments that were e-mailed home (and also found on the class website—www.goldiesroom.org):</p> <ol style="list-style-type: none"> 1. AP Biology Pre-Test (~40 questions) 2. Graphical and Statistical Analysis of Data w/ Excel 3. Making Connections Lab – Redux <p>Also, you should have looked at the materials on regarding the class found on-line... namely, the ‘AP Biology Handbook’ and ‘All About AP Biology Labs’. You will see really soon when we start that there is no time to waste throughout the school year.</p> <p style="text-align: center;">Get ready for the fun!</p>			<p>Introductions; Collect <u>Lab 01</u>; Textbooks; Lecture 000: Welcome to AP/Student Expectations;</p>	<p>Lecture 001: Themes of Biology Work on QS 01</p>		
L A B							<p><u>Lab 22</u>: Artificial Selection (Generation 1 planting)</p>
H W							<p>Read Ch 1; Question Set 01; Read Lab 22, pages 2 – 3 ("planting guide")</p>

	MONDAY September 10 Day 3	TUESDAY September 11 Day 4	WEDNESDAY September 12 Day 5	THURSDAY September 13 Day 6	FRIDAY September 14 Day 1
A P B I O L O G Y	Lecture 002: Chemistry Review Work on QS 02	<u>Lab 02:</u> Biology Lab Skills Part I – Measurement, Accuracy, Precision, and Graphical Analysis	Lecture 003: Properties of Water Work on QS 03	<u>Lab 02:</u> Biology Lab Skills Part I – Measurement, Accuracy, Precision, and Graphical Analysis (finish after school if you need to!)	Lecture 004: Carbon Chemistry Work on QS 04
L A B				<u>Lab 01 Recap</u> Writing/Grading of Lab Reports: ex. <u>The Value of Animations in Biology Teaching</u>	
H W	Read Ch 2.4; Question Set 03 Read Lab 02 – Part I: Measurement, Accuracy, Precision, and Graphical Analysis	Read Ch 2.4; Question Set 03	Ch 2 online Quiz; Read Ch 3.1; Question Set 04; EXTRA CREDIT 01 due Friday	Read Ch 3.1; Question Set 04; Lab 02 (pg. 1 – 18) Read Lab 02 – Part II: Inferential Statistics; EXTRA CREDIT 01 due tomorrow	Read Ch 3.2; Question Set 05; Read Lab 02 – Part II: Inferential Statistics

	MONDAY September 17 Day 2	TUESDAY September 18 Day 3	WEDNESDAY September 19	THURSDAY September 20 Day 4	FRIDAY September 21 Day 5
A	<p><u>Lab 02:</u> Biology Lab Skills</p> <p>Part II – Inferential Statistics and the Chi- Square Analysis</p>	<p>Lecture 005: Proteins</p> <p>Work on QS 05</p>		<p><u>Lab 02:</u> Biology Lab Skills</p> <p>Part III – Basics of Spectrophotometry</p>	<p>Lecture 006: Carbohydrates</p> <p>Work on QS 06</p>
B					
I					
O					
L					
A					
B				<p><u>Lab 22:</u> Artificial Selection (counting trichomes)</p>	
H	<p>Read Ch 3.2; Question Set 05;</p> <p>Lab 02 (pg. 19 - 31);</p>	<p>Read Ch 3.3; Question Set 06;</p>		<p>Read Ch 3.3; Question Set 06;</p> <p>Lab 02 due Monday</p>	<p>Read Ch 3.4; Question Set 07;</p> <p>Read Lab 03</p>
W	<p>Read Lab 02 – Part III: Spectrophotometry</p>	<p>Read Lab 02 – Part III: Spectrophotometry</p>			<p>EXTRA CREDIT 02 due next Tuesday</p>

	MONDAY September 24 Day 6	TUESDAY September 25 Day 1	WEDNESDAY September 26 Day 2	THURSDAY September 27 Day 3	FRIDAY September 28 Day 4
A P B I O L O G Y	Lecture 007: Lipids Work on QS 07	Lecture 008: Nucleic Acids Work on QS 08	<u>Lab 03:</u> Fruit Fly Behavior <i>Drosophila melanogaster</i> Preferences	<u>Lab 03:</u> Fruit Fly Behavior <i>Drosophila melanogaster</i> Preferences	Lecture 009: Introduction to Cells Work on QS 09
L A B	<u>Lab 03:</u> Fruit Fly Behavior (Experimental Design)				<u>Lab 04:</u> Diffusion & Osmosis (Testing Surface Area)
H W	Ch 3 online Quiz; Read Ch 4 Question Set 08; Prelab for Lab 03 due tomorrow EXTRA CREDIT 02 due tomorrow	Ch 4 online Quiz; Descriptive Statistics/ Histogram for Lab 22; Bring "Test Items" for Lab 03	Read Ch 5.1 - 5.2; Question Set 09; Read Lab 04 - Part I	Read Ch 5.1 - 5.2; Question Set 09; Read Lab 04 - Part I Lab 03 due Tuesday	Read Ch 5.2 - 5.4; Question Set 10 - 13; Lab 03 due Tuesday LAB 03 QUESTION NEXT TUESDAY

	MONDAY October 1 Day 5	TUESDAY October 2 Day 6	WEDNESDAY October 3 Day 1	THURSDAY October 4 Day 2	FRIDAY October 5 Day 3
A P B I O L O G Y	Lecture 010: The Cell—Nucleus and Ribosomes Work on Question Sets QS 10 - 13	LAB QUESTION Lecture 011: The Cell—The Endomembrane System Work on Question Sets 10 - 13	Lecture 012: The Cell—Energy Systems Work on Question Sets 10 - 13	Lecture 013: The Cell—The Cytoskeleton Work on Question Sets 10 - 13	Lecture 014: Plasma Membrane Work on QS 14
L A B		<u>Lab 04:</u> Diffusion & Osmosis (Testing Surface Area)		<u>Lab 04:</u> Diffusion & Osmosis (Reviewing Ψ_w)	
H W	Read Ch 5.2 - 5.4; Question Set 10 - 13; EXTRA CREDIT 03 due Wednesday	Read Ch 5.2 - 5.4; Question Set 10 - 13; Read Lab 04; EXTRA CREDIT 03 due tomorrow	Read Ch 5.2 - 5.4; Question Set 10 - 13;	Ch 5 online Quiz; Read Ch 6.1 - 6.5; Question Set 14; Bring Apples!	Read Chapter 6; Question Set 14; Bring Apples!

		MONDAY October 8	TUESDAY October 9 Day 4	WEDNESDAY October 10 Day 5	THURSDAY October 11 Day 6	FRIDAY October 12 Day 1
A P B I O L O G Y L A B			<p>Lab 04: Diffusion & Osmosis</p> <p>Part II – Measuring Osmosis</p> <p>Part III – Procedure Demonstration</p>	<p>Lecture 014: Transport Across the Membrane Work on QS 14</p> <p>Lab 04 data collection</p>	<p>Lab 04: Diffusion & Osmosis</p> <p>Part III – How d’ya like ‘dem Apples!</p> <p>Lab 04 data collection</p>	<p>Lecture 014: Transport Across the Membrane Work on QS 14</p> <p>Lab 04 data collection</p>
	H W		<p>Read Chapter 6; Question Set 14;</p> <p>Lab 04 – Part III prelab due tomorrow</p> <p>Lab 04 – Part II data due Thursday;</p> <p>EXTRA CREDIT 04 due Thursday</p>	<p>Read Chapter 6; Question Set 14;</p> <p>Lab 04 – Part II data due tomorrow;</p> <p>EXTRA CREDIT 04 due tomorrow</p>	<p>Read Chapter 6; Question Set 14;</p> <p>Lab 04 due Monday; EXTRA CREDIT 05 due Monday</p> <p>LAB 04 QUESTION MONDAY</p> <p>TEST #1 WEDNESDAY</p>	<p>Read Chapter 6; Question Set 14;</p> <p>Lab 04 due Monday; EXTRA CREDIT 05 due Monday</p> <p>LAB 04 QUESTION MONDAY</p> <p>TEST #1 WEDNESDAY</p>

	MONDAY October 15 Day 2	TUESDAY October 16 Day 3	WEDNESDAY October 17 Day 4	THURSDAY October 18 Day 5	FRIDAY October 19 Day 6
A P B I O L O G Y	LAB QUESTION Lecture 014: Transport Across the Membrane Work on QS 14	(Catch Up Day) Working on Review Packets	TEST Chapters 1 – 6 Labs 1 – 4	Lecture 015: Energy and ATP Work on QS 15	Lecture 016: Enzymes Work on QS 16
L A B					Test #1 Analysis
H W	Ch 6 online Quiz; TEST #1 WEDNESDAY Work on Review Packets (on-line)	TEST #1 TOMORROW Work on Review Packets (on-line)	Read Ch 8.1 – 8.2; Question Set 15;	Read Ch 8.3 – 8.5; Question Set 16;	Read Ch 8.3 – 8.5; Question Set 16;

	MONDAY October 22 Day 1	TUESDAY October 23 Day 2	WEDNESDAY October 24 Day 3	THURSDAY October 25 Day 4	FRIDAY October 26 Day 5
A P B I O L O G Y	Lecture 016: Enzymes Work on QS 16	Lecture 016: Enzymes Work on QS 16	<u>Lab 05:</u> Enzyme Activity Part I - Trial Baseline Run	<u>Lab 05:</u> Enzyme Activity Part II - Group Investigations	Lecture 017: Respiration Concepts Work on QS 17
L A B	start P generation (min. 4 tubes of wild)	<u>Lab 05:</u> Enzyme Activity (Experimental Design)			
H W	Read Ch 8.3 - 8.5; Question Set 16; Read Lab 05;	Ch 8 online Quiz; Prelab for Lab 05 due tomorrow	Lab 05 due Monday	Read Ch 9.1; Question Set 17; Lab 05 due Monday	Read Ch 9.2 - 9.5; Question Set 18 - 20; Lab 05 due Monday LAB 05 QUESTION MONDAY

	MONDAY October 29 Day 6	TUESDAY October 30 Day 1	WEDNESDAY October 31 Day 2	THURSDAY November 1 Day 3	FRIDAY November 2 Day 4
A P B I O L O G Y	LAB QUESTION Lecture 018: Glycolysis Work on Question Sets 18 - 20	Lecture 019: Pyruvate Oxidation and Citric Acid Cycle Work on Question Sets 18 - 20	Lecture 020: Electron Transport Chain Work on Question Sets 18 - 20	Lecture 021: Regulation of Respiration Work on QS 21	<u>Lab 06:</u> Organismal Respiration Baseline Temp Run
L A B			<u>Lab 06:</u> Organismal Respiration (‘Review’ of PV = nRT)		
H W	Read Ch 9.2 - 9.5; Question Set 18 - 20;	Read Ch 9.2 - 9.5; Question Set 18 - 20;	Read Ch 9.6, 49.4; Question Set 21; Read Lab 06	Read Ch 9.6, 49.4; Question Set 21; Read Lab 06	Ch 9 online Quiz; Group must have Introduction Section of Lab Completed by Monday; Lab 06 due next Friday @ 6:00 AM

	MONDAY November 5 Day 5	TUESDAY November 6	WEDNESDAY November 7 Day 6	THURSDAY November 8 Day 1	FRIDAY November 9 Day 2
A P B I O L O G Y	<p><u>Lab 06:</u> Organismal Respiration</p> <p>Group Dynamics Using the Data</p>	<p>STAFF DAY</p> <p>start scallions and <i>Sordaria</i> media</p> <p>isolate virgin flies</p>	<p><u>Lab 06:</u> Organismal Respiration</p> <p>Group Investigations</p>	<p>Lecture 022: Light Reactions of Photosynthesis</p> <p>Work on Question Sets 22 - 23</p>	<p>LAB QUESTION</p> <p>Lecture 022: Light Reactions of Photosynthesis</p> <p>Work on Question Sets 22 - 23</p>
L A B	<p>isolate virgin flies</p>		<p>isolate virgin flies</p>	<p><u>Lab 22:</u> Artificial Selection (Generation 2 planting)</p>	
H W	<p>Read Ch 10.1 - 10.3; Question Set 22 - 23;</p> <p>Lab 06 due Friday 6:00 AM</p>		<p>Read Ch 10.1 - 10.3; Question Set 22 - 23;</p> <p>Lab 06 due Friday 6:00 AM</p>	<p>Read Ch 10.1 - 10.3; Question Set 22 - 23;</p> <p>Lab 06 due tomorrow by 6:00 AM</p>	<p>Read Ch 10.1 - 10.3; Question Set 22 - 23;</p> <p>EXTRA CREDIT 06 due Tuesday Read Lab 07</p>

	MONDAY November 12	TUESDAY November 13 Day 3	WEDNESDAY November 14 Day 4	THURSDAY November 15 Day 5	FRIDAY November 16 Day 6
A P B I O L O G Y		<u>Lab 07:</u> Storyboard for Chromatography Techniques Lab	<u>Lab 07:</u> Chromatography Techniques Paper and TLC Chromatography of Spinach Leaf Pigments	Lecture 023: Calvin Cycle–The Dark Reactions of Photosynthesis Work on Question Sets 22 - 23	Lecture 024: Plant Homeostasis Work on QS 24
L A B		P generation crossing			Working on Review Packets
H W		Read Ch 10.1 - 10.3; Question Set 22 - 23; Lab 07 due Thursday	Read Ch 10.1 - 10.3; Question Set 22 - 23; Lab 07 due tomorrow	Read Ch 10.4 - 10.5, 35.1 - 35.3; Question Set 24;	Ch 10 online Quiz; Work on Review Packets (on-line)

	MONDAY November 19 Day 1	TUESDAY November 20 Day 2	WEDNESDAY November 21	THURSDAY November 22	FRIDAY November 23
A P B I O L O G Y	<p><u>Lab 22:</u> Artificial Selection</p> <p>(Catch Up Day) Working on Review Packets</p>	<p>TEST</p> <p>Chapters 6 – 8, 35 Labs 5 – 8?</p>			<p><u>Lab 08:</u> Light Reactions of Photosynthesis</p> <p>TBD</p>
L A B	<p><i>Sordaria</i> culture start: P generation removal</p>				
H W	<p>TEST #2 TOMORROW</p> <p>Work on Review Packets (on-line)</p>	<p>Read Chapter 11.1 - 11.2, 11.7; Question Set 25;</p>			

	MONDAY November 26 Day 3	TUESDAY November 27 Day 4	WEDNESDAY November 28 Day 5	THURSDAY November 29 Day 6	FRIDAY November 30 Day 1
A P B I O L O G Y	Lecture 025: Cell Cycle Control Work on QS 25	Lecture 025: Cell Cycle Control Work on QS 25	Lecture 026: Phases of Mitosis Work on QS 26	Lecture 027: Meiosis and Sexual Reproduction Work on Question Sets 27 - 28	Lecture 028: Human Chromosomal Abnormalities Work on Question Sets 27 - 28
L A B		Video: Cancer		<u>Lab 09:</u> Cell Division Lab Preview	F ₁ generation crossing
H W	Read Chapter 11.1 - 11.2, 11.7; Question Set 25; EXTRA CREDIT 07 due Wednesday	Read Ch 11.3; Question Set 26; EXTRA CREDIT 07 due tomorrow	Read Ch 11.4 - 11.6; Question Set 27 - 28; Read Lab 09	Read Ch 11.4 - 11.6; Question Set 27 - 28; Read Lab 09 EXTRA CREDIT 08 due Monday	Ch 11 online Quiz; Read Lab 09 EXTRA CREDIT 08 due Monday

	MONDAY December 3 Day 2	TUESDAY December 4 Day 3	WEDNESDAY December 5 Day 4	THURSDAY December 6 Day 5	FRIDAY December 7 Day 6
A P B I O L O G Y	<u>Lab 09:</u> Cell Division Determining the Effects of Lectin on Onion Root Tip Cells	<u>Lab 09:</u> Cell Division Determining the Effects of Lectin on Onion Root Tip Cells (continue collecting data after school if needed)	<u>Lab 10:</u> Meiosis & Tetrad Analysis <i>Sordaria fimicola</i> Recombination Frequency	<u>Lab 10:</u> Meiosis & Tetrad Analysis <i>Sordaria fimicola</i> Recombination Frequency (continue collecting data after school if needed)	LAB QUESTION Lecture 029: Mendel Work on Question Sets 29 – 30
L A B					
H W	Lab 09 due Wednesday;	Lab 09 due tomorrow; Read Lab 10	Lab 10 due Friday; LAB 09 & 10 QUESTION FRIDAY	Lab 10 due tomorrow; LAB 09 & 10 QUESTION TOMORROW Read Ch 12.1; Question Sets 29 – 30	Read Ch 12.1; Question Sets 29 – 30

	MONDAY December 10 Day 1	TUESDAY December 11 Day 2	WEDNESDAY December 12 Day 3	THURSDAY December 13 Day 4	FRIDAY December 14 Day 5
A P B I O L O G Y	Lecture 029: Mendel Work on Question Sets 29 – 30	Lecture 030: Probability & Pedigrees Work on Question Sets 29 – 30	Lecture 031: Beyond Mendel Work on QS 31	Lecture 031: Beyond Mendel Work on QS 31	Lecture 031: Beyond Mendel Work on QS 31
L A B		<u>Lab 11:</u> <i>Drosophila</i> Genetics (observing mutants)		<u>Lab 11:</u> <i>Drosophila</i> Genetics (experimental design)	
H W	Read Ch 12.1; Question Sets 29 – 30	Read Ch 12.1; Question Sets 29 – 30	Read Ch 12.2 – 12.6; Question Set 31	Read Ch 12.2 – 12.6; Question Set 31; Prelab for Lab 11 due Monday	Ch 12 online Quiz;

	MONDAY December 17 Day 6	TUESDAY December 18 Day 1	WEDNESDAY December 19 Day 2	THURSDAY December 20 Day 3	FRIDAY December 21 Day 4
A P B I O L O G Y	<p><u>Lab 11:</u> <i>Drosophila</i> Genetics</p> <p>(F₂ generation counting)</p> <p>(Catch Up Day) Working on Review Packets</p>	<p><u>Lab 11:</u> <i>Drosophila</i> Genetics</p> <p>(F₂ generation counting)</p> <p>(Catch Up Day) Working on Review Packets</p>	<p>TEST</p> <p>Chapters 11 - 12</p> <p>Labs 9 - 10</p>	<p><u>Lab 11:</u> <i>Drosophila</i> Genetics</p> <p>(F₂ generation counting)</p>	<p><u>Lab 11:</u> <i>Drosophila</i> Genetics</p> <p>(F₂ generation counting)</p>
L A B					
H W	<p>TEST #3 WEDNESDAY</p> <p>Work on Review Packets (on-line)</p>	<p>TEST #3 TOMORROW</p> <p>Work on Review Packets (on-line)</p>			<p>Read Chapter 13; Question Set 32; Lab 11 due Friday, 1/4/2019</p>

	MONDAY December 24	TUESDAY December 25	WEDNESDAY December 26	THURSDAY December 27	FRIDAY December 28
A P B I O L O G Y					
L A B					
H W					

	MONDAY December 31	TUESDAY January 1	WEDNESDAY January 2	THURSDAY January 3 Day 5	FRIDAY January 4 Day 6
A P B I O L O G Y				Lecture 032: The Structure and Function of DNA Work on QS 32	LAB QUESTION Lecture 032: The Structure and Function of DNA (continued) Work on QS 32
L A B					
H W				Read Chapter 13; Question Set 32; Lab 11 due tomorrow LAB 11 QUESTION TOMORROW	Read Chapter 13; Question Set 32; EXTRA CREDIT 10 due Monday

	MONDAY January 7 Day 1	TUESDAY January 8 Day 2	WEDNESDAY January 9 Day 3	THURSDAY January 10 Day 4	FRIDAY January 11 Day 5
A P B I O L O G Y	Lecture 032: The Structure and Function of DNA (continued) Work on QS 32	<u>Lab 12a:</u> PV92 Bioinformatics: Polymerase Chain Reaction (isolate and amplify DNA)	Lecture 033: From DNA to Protein Work on QS 33	<u>Lab 12a:</u> PV92 Bioinformatics: Polymerase Chain Reaction (electrophoresis of DNA)	Lecture 033: From DNA to Protein (continued) Work on QS 33
L A B		Gel Electrophoresis Review			
H W	Ch 13 online Quiz; Read Lab 12;	Read Chapter 14; Question Set 33;	Read Chapter 14; Question Set 33; Lab 12 due Friday	Read Chapter 14; Question Set 33; Lab 12 due tomorrow EXTRA CREDIT 11 due Monday	Read Chapter 14; Question Set 33; EXTRA CREDIT 11 due Monday

	MONDAY January 14 Day 6	TUESDAY January 15 Day 1	WEDNESDAY January 16 Day 2	THURSDAY January 17 Day 3	FRIDAY January 18 Day 4
A P B I O L O G Y	Lecture 033: From DNA to Protein (continued) Work on QS 33	Lecture 034: Mutations Work on QS 34	Lecture 034: Mutations Work on QS 34	<u>Lab 14:</u> DNA Restriction Analysis Perform Restriction Digest of λ DNA	<u>Lab 14:</u> DNA Restriction Analysis Separate λ DNA Fragments via Gel Electrophoresis
L A B	Protein Synthesis Review Videos		<u>Lab 13:</u> Restriction Enzyme Simulation		Lab 14: Questions #7 - 13
H W	Ch 14 online Quiz; Read Ch 15.1 - 15.2; Question Set 34;	Read Ch 15.3; Question Set 34; Read Lab 13; EXTRA CREDIT 13 due tomorrow	Ch 15 online Quiz; Lab 13 due tomorrow Read Lab 14 EXTRA CREDIT 09 due tomorrow		Lab 14 due 1/28; Read Chapter 16.1; Question Set 35;

	MONDAY January 21	TUESDAY January 23	WEDNESDAY January 24	THURSDAY January 25	FRIDAY January 26
A P B I O L O G Y L A B H W	REGENTS WEEK – NO CLASSES				

	MONDAY January 28 Day 1	TUESDAY January 29 Day 2	WEDNESDAY January 30 Day 3	THURSDAY January 31 Day 4	FRIDAY February 1 Day 5
A P B I O L O G Y	Lecture 035: Regulation of Gene Expression Work on QS 35	Lecture 035: Regulation of Gene Expression Work on QS 35	Lecture 035: Regulation of Gene Expression Work on QS 35	Lecture 035: Regulation of Gene Expression Work on QS 35	Lecture 036: DNA Technologies Work on QS 36
L A B		Video - Viruses		Video - RNAi	
H W	Read Chapter <u>16.3</u> ; Question Set 35; EXTRA CREDIT 12 due Wednesday	Read Chapter 16.2 & 16.4; Question Set 35; EXTRA CREDIT 12 due tomorrow	Read Chapter 16.2 & 16.4; Question Set 35;	Ch 16 online Quiz; Read Ch 17.1 -17.4; Question Set 36; EXTRA CREDIT 14-16 due Monday	Read Ch 17.1 -17.4 and 18.1 - 18.3; Question Set 36; EXTRA CREDIT 14-16 due Monday

	MONDAY February 4 Day 6	TUESDAY February 5 Day 1	WEDNESDAY February 6 Day 2	THURSDAY February 7 Day 3	FRIDAY February 8 Day 4
A P B I O L O G Y	Lecture 036: DNA Technologies Work on QS 36	Lecture 036: DNA Technologies Work on QS 36	Lecture 036: DNA Technologies Work on QS 36	<u>Lab 16:</u> Bacterial Transformation Review Concepts and Preview Protocol Lab 16: Questions #1 - 4	<u>Lab 16:</u> Bacterial Transformation Transformation of <i>E.coli</i> HB101 with pGLO Lab 16: Questions #5 - 8
L A B	<u>Lab 15:</u> Engineering a Plasmid Simulation				
H W	Read Ch 18.1 - 18.3 Question Set 36; EXTRA CREDIT 17 due Wednesday Lab 15 due tomorrow	Read Ch 18.2 - 18.3; Question Set 36; EXTRA CREDIT 17 due tomorrow	Read Lab 16 Ch 17/18 online Quiz;	Read Lab 16 TEST #4 TUESDAY Work on Review Packets (on-line)	Read Lab 16 TEST #4 TUESDAY Work on Review Packets (on-line)

	MONDAY February 11 Day 5	TUESDAY February 12 Day 6	WEDNESDAY February 13 Day 1	THURSDAY February 14 Day 2	FRIDAY February 15 Day 3
A P B I O L O G Y	<u>Lab 16:</u> Bacterial Transformation Calculating Transformation Efficiency Lab 16: Questions #9 - 14	TEST Chapters 13 - 18 Labs 12 - 16	<u>Lab 17:</u> Natural Selection Simulation	<u>Lab 22:</u> Artificial Selection Data Analysis	<u>Lab 22:</u> Artificial Selection Data Analysis
L A B				Test #4 Analysis	
H W	Lab 16 due tomorrow; TEST #4 TOMORROW Work on Review Packets (on-line)	Read Lab 17	Lab 17 due tomorrow; Read Lab 22 (again)	Lab 22 due 2/25 Read Ch 25 (21); Question Set 37 (38 - 40);	Lab 22 due 2/25 Read Ch 25 (21); Question Set 37 (38 - 40); LAB 22 QUESTION MONDAY 2/25

	MONDAY February 18	TUESDAY February 19	WEDNESDAY February 20	THURSDAY February 21	FRIDAY February 22
A P B I O L O G Y					
L A B					
H W					

	MONDAY February 25 Day 4	TUESDAY February 26 Day 5	WEDNESDAY February 27 Day 6	THURSDAY February 28 Day 1	FRIDAY March 1 Day 2
A P B I O L O G Y	LAB QUESTION Lecture 037: History of Life on Earth Work on QS 37	Lecture 038: Darwin and Natural Selection Work on QS 38	Lecture 039: Evolution of Populations Work on QS 39	Lecture 040: Measuring Evolution Work on QS 40 Practice H-W Problems	<u>Lab 18:</u> Hardy-Weinberg Simulation 1
L A B			Practice H-W Problems		
H W	Read Ch 21.1; Question Set 38; EXTRA CREDIT 18 due tomorrow	Read Ch 21.2; Question Set 39;	Read Ch 21.3 – 21.5; Question Set 40; EXTRA CREDIT 24 due tomorrow	Read Ch 21; Question Set 40; EXTRA CREDIT 20 due tomorrow	Ch 21 online Quiz Lab 18 due Monday Read Ch 22; Question Set 41;

	MONDAY March 4 Day 3	TUESDAY March 5 Day 4	WEDNESDAY March 6 Day 5	THURSDAY March 7 Day 6	FRIDAY March 8 Day 1
A P B I O L O G Y	Lecture 041: Evidence for Natural Selection & Phylogenetics (PART I) Work on QS 41	<u>Lab 19:</u> Hardy-Weinberg Simulation 2	Lecture 041: Evidence for Natural Selection & Phylogenetics (PART II) Work on QS 41	Lecture 041: Evidence for Natural Selection & Phylogenetics (PART III) Work on QS 41	Lecture 042: Speciation Work on QS 42
L A B				<u>Lab 20:</u> Evolution and Phylogenetics Cladogram Hypothesis	
H W	Read Ch 19; Question Set 41; EXTRA CREDIT 21 due tomorrow	Lab 19 due tomorrow Read Ch 22; Question Set 41; EXTRA CREDIT 23 due tomorrow	Read Ch 22; Question Set 41;	Ch 22 online Quiz; Read Ch 23; Question Set 42; Read Lab 20 EXTRA CREDIT 22 due Monday	Ch 23 online Quiz; Lab 20 Hypothesis due Monday Read Lab 21 EXTRA CREDIT 19 due Tuesday

	MONDAY March 11 Day 2	TUESDAY March 12 Day 3	WEDNESDAY March 13 Day 4	THURSDAY March 14 Day 5	FRIDAY March 15 Day 6
A P B I O L O G Y	<u>Lab 20:</u> Evolution and Phylogenetics	<u>Lab 20:</u> Evolution and Phylogenetics	<u>Lab 21:</u> Comparing DNA Sequences to Understand Evolutionary Relationships Using BLAST	(Catch Up Day) Working on Review Packets	TEST Chapters 21 - 23, (25) Labs 17 - 22
L A B					
H W	Lab 20 due Wednesday; Read Lab 21 and complete pgs. 1 - 5 TEST #5 FRIDAY	Lab 20 due tomorrow; Read Lab 21 and complete pgs. 1 - 5 TEST #5 FRIDAY	Lab 21 due Friday; EXTRA CREDIT 25 due tomorrow TEST #5 FRIDAY	Lab 21 due tomorrow; TEST #5 TOMORROW	Read Ch 40; Question Set 43;

	MONDAY March 18 Day 1	TUESDAY March 19 Day 2	WEDNESDAY March 20 Day 3	THURSDAY March 21 Day 4	FRIDAY March 22
A P B I O L O G Y	Lecture 043: Homeostasis and Molecular Signaling Complete QS 43	Lecture 043: Homeostasis and Molecular Signaling (continued) Complete QS 43	Lecture 044: Chemical Regulation Complete QS 44	Lecture 044: Chemical Regulation (continued) Work on QS 44	
L A B		<u>Lab 23:</u> Metabolic Rates		<u>Lab 23:</u> Metabolic Rates	
H W	Read Ch 40; Question Set 43; Read Lab 23	Ch 40 online Quiz; Read Ch 41; Question Set 44;	Read Ch 41; Question Set 44;	Ch 41 online Quiz; Read Ch 42; Question Set 45;	

	MONDAY March 25 Day 5	TUESDAY March 26 Day 6	WEDNESDAY March 27 Day 1	THURSDAY March 28 Day 2	FRIDAY March 29 Day 3
A P B I O L O G Y	Lecture 045: Immune System Work on QS 45	Lecture 045: Immune System (continued) Work on QS 45	Lecture 046: Animal Reproduction and Development Work on QS 46	Lecture 046: Animal Reproduction and Development (continued) Work on QS 46	Lecture 047: Neurons and Nervous Systems Work on QS 47
L A B		<u>Lab 23:</u> Metabolic Rates		Your Inner Fish	
H W	Read Ch 42; Question Set 45;	Ch 42 online Quiz; Read Ch 43*/44*; Question Set 46; Lab 23 due Thursday	Read Ch 43*/44*; Question Set 46; Lab 23 due tomorrow EXTRA CREDIT 26/27 due Friday	Ch 43/44 online Quiz; Read Ch 45; Question Set 47; EXTRA CREDIT 26/27 due Friday	Read Ch 45; Question Set 47 EXTRA CREDIT 28-30 due Tuesday


	MONDAY April 1 Day 4	TUESDAY April 2 Day 5	WEDNESDAY April 3 Day 6	THURSDAY April 4 Day 1	FRIDAY April 5 Day 2
A P B I O L O G Y	Lecture 047: Neurons and Nervous Systems (continued) Work on QS 47	QUIZ Chapters 40 - 45	Lecture 048: Animal Behavior Complete QS 48	Lecture 049: Ecology Complete QS 49	<u>Lab 24:</u> Transpiration
L A B	Eyes of Nye: Addiction		<u>Lab 24:</u> Transpiration (review the protocol)		
H W	Ch 45 online Quiz; QUIZ #6 TOMORROW EXTRA CREDIT 28-30 due tomorrow	Read Ch 53; Question Set 48; Read Lab 24	Read Ch 54; Question Set 49; Prelab 24 due tomorrow	Ch 54 online Quiz; Read Ch 55; Question Set 50; EXTRA CREDIT 31 due tomorrow	Lab 24 due Monday Read Ch 55; Question Set 50;

	MONDAY April 8 Day 3	TUESDAY April 9 Day 4	WEDNESDAY April 10 Day 5	THURSDAY April 11 Day 6	FRIDAY April 12 Day 1
A P B I O L O G Y	Lecture 050: Population Ecology Complete QS 50	Lecture 050: Population Ecology (continued) Complete QS 50	Lecture 051: Community Ecology Work on QS 51	Lecture 051: Community Ecology Complete QS 51	Lecture 052: Global Ecology Complete QS 52
L A B		Eyes of Nye: Populations		Eyes of Nye: Global Climate Change	
H W	Read Ch 55; Question Set 50;	Ch 55 online Quiz; Read Ch 56*/57*; Question Set 51;	Read Ch 56*/57*; Question Set 51; EXTRA CREDIT 32 due tomorrow	Ch 56/57 online Quiz; Read Ch 58*/59*; Question Set 52; EXTRA CREDIT 33 due tomorrow	Ch 58/59 online Quiz; EXTRA CREDIT 34 due Monday AP EXAM IS COMING... REVIEW!

	MONDAY April 15 Day 2	TUESDAY April 16 Day 3	WEDNESDAY April 17 Day 4	THURSDAY April 18 Day 5	FRIDAY April 19
A P B I O L O G Y	Going through PRACTICE TESTS	Going through PRACTICE TESTS	Going through PRACTICE TESTS	Going through PRACTICE TESTS	
L A B					
H W	AP EXAM IS COMING... REVIEW!	AP EXAM IS COMING... REVIEW!	AP EXAM IS COMING... REVIEW!	AP EXAM IS COMING... REVIEW!	

	MONDAY April 22	TUESDAY April 23	WEDNESDAY April 24	THURSDAY April 25	FRIDAY April 26
A P B I O L O G Y					
L A B					
H W					

	MONDAY April 29 Day 6	TUESDAY April 30 Day 1	WEDNESDAY May 1 Day 2	THURSDAY May 2 Day 3	FRIDAY May 3 Day 4
A P B I O L O G Y	AP BIO FINAL	Going over the Final Exam	AP BIO FINAL	Going over the Final Exam	Going through PRACTICE TESTS
L A B					
H W	14 days until the AP EXAM REVIEW!	13 days until the AP EXAM REVIEW!	12 days until the AP EXAM REVIEW!	11 days until the AP EXAM REVIEW!	10 days until the AP EXAM REVIEW!

	MONDAY May 6 Day 5	TUESDAY May 7 Day 6	WEDNESDAY May 8 Day 1	THURSDAY May 9 Day 2	FRIDAY May 10 Day 3
A P B I O L O G Y	Going through PRACTICE TESTS	Going through PRACTICE TESTS	Going through PRACTICE TESTS	Working on Sheldon Shirts! 	DEEP, DEEP BREATH!!!
L A B					
H W	7 days until the AP EXAM REVIEW!	6 days until the AP EXAM REVIEW!	5 days until the AP EXAM REVIEW!	4 days until the AP EXAM REVIEW!	3 days until the AP EXAM REVIEW!

MONDAY May 13 Day 4		TUESDAY May 14 Day 5		WEDNESDAY May 15 Day 6		THURSDAY May 16 Day 1		FRIDAY May 17 Day 2	
A P B I O L O G Y	GOOD LUCK	Decompression, AP Survey and Discussion of our 4th Quarter Project							