

Mrs Salyers 4th/5th Period Biology

The weekly schedule is set up for all students, both in-person and virtual. Students learning virtually will follow along throughout the lesson via Zoom.. I will share my screen when appropriate for those at home. If a student learning virtually has a question, they may type it into the chat, and I will answer orally or in a typed response as soon as possible during the lesson. The expectation is that students report via Zoom at the beginning of each class period and follow the school virtual learning expectations.

SEMESTER 2

Week 20 May 24	Mon/Tues	Wed/Thurs
UNIT	Taxonomy/Ecology	LAST DAY
Learning Objective(In class today)	Use microscope to view pond water and identify organisms	Wrap up, clean up,
What is Due Today?	See classroom for details	Have a great summer!!
	HW: NONE	

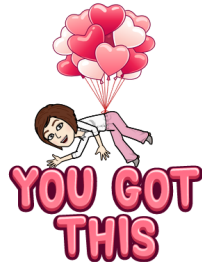
Week of May 17th

	<u>Mon/Tuesday</u>	<u>Wed/Thursday</u>	<u>Friday</u> (AllVirtual)
Direct Instruction	Biomimicry Video	Biomimicry	See classroom for details about Biomimicry Pitch
Independent Study	Biomimicry Activity Day 1	Biomimicry Activity Day 2	
Assignments		Start thinking about your biomimicry pitch for Friday	**go to your favorite body of stagnant water and grab a container of water & bring it in for your class period tuesday

Week 18 May 10	Mon/Tues	Wed/Thurs	Friday
UNIT	Biochem Properties of water	Biochem pH	Biochem Prop water/pH
Learning Objective(In class today)	-Notes properties of water -6 station lab on properties of water	Notes-pH -pH lab	Check for understanding on Biochem topics of pH & properties of water
What is Due Today?	See classroom for details	See classroom for details	See classroom for details

Assignments	Lab	Lab Review for quiz	Enjoy your weekend
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Week 17 May 3	Mon-tues-wed (4th & 5th) ALL VIRTUAL 2 Hour delay	Thursday M/W schedule (5th period)	Friday Tues/Thurs schedule (4th Period)
UNIT	Biotechnology	Biotechnology	Biotechnology
Learning Objective(In class today)	Work on Biotechnology Web Quest	Work on Biotechnology Web Quest	Work on Biotechnology Web Quest
What is Due Today?	See classroom for details	Biotech webquest(by end of period)	Biotech webquest(by end of period)
Assignments		Biotechnology Webquest	Biotechnology Webquest

Week 16 April 26	MON(5th) TUES(4th)	WED(5th) THURS(4th)	Friday (virtual)
UNIT	EOC Review	EOC Review	EOC Review
Learning Objective(In class today)	EOC practice test Sp 19 Take & go over	5th-More EOC review 4th- most likely no class due to testing	
What is Due Today?	EOC sp 19 test		
Assignments	Use review to study for EOC exam	KEEP REVIEWING FOR END OF COURSE EXAM	Have a great weekend see you virtually on monday, tuesday and wednesday of next week!

BIO End of Course EXAM will be taken Thursday and Friday morning of this week! Be sure to see the chart on the door to see what pod you are in. You got this!

Week 15 April 19	MON(5th) TUES(4th)	WED(5th) THURS(4th)	Friday (virtual)
UNIT	ECOLOGY	ECOLOGY	EOC Review
Learning Objective(In class today)	<ul style="list-style-type: none"> - Abiotic vs. biotic factors - Trophic level review - Ecological niches - Keystone species - Go over/review practice EOC tests 	<ul style="list-style-type: none"> - Symbiosis - Animal interactions - LAB in small groups: predator-prey relationships 	EOC Review Day SPring 2018 practice test
What is Due Today?	Check classroom for details	Check Classroom for details	Check classroom for details
Assignments	<ul style="list-style-type: none"> - VIDEO: trophic cascades & questions & review sheet 	Finish predator/prey lab questions	Complete & upload EOC spring 2018 practice TEST

Week 14 April 12	MON(5th) TUES(4th)	WED(5th) THURS(4th)	Friday (virtual)
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UNIT	EVOLUTION	EVOLUTION	EOC Review
Learning Objective(In class today)	Complete Ch 12-History of life on earth notes Questions on EOC review Small group work on half life problems	Go over half-life problems Intro to Cladograms Small group work on cladograms	EOC Review Day
What is Due Today?	Check classroom for details	Check classroom for details	Check classroom for details
Assignments	Complete & upload half life problems Read pgs 538-541 in text on cladograms	TBD based on what we cover in class	Complete & upload EOC practice TEST

Week 13 April 5	MON(5th) TUES(4th)	WED(5th) THURS(4th)	Friday (virtual)
UNIT	EVOLUTION	EVOLUTION	EOC Review

Learning Objective(In class today)	11.6-Speciation via Isolation Review on Chapter 11 to get ready for test	Ch 11 Test Start chapter 12(fossil record)	End of course Review Day
What is Due Today?	Check classroom for details	Check classroom for details	Check classroom for details
Assignments	Study for Ch 11 Test	Study for quest(MON)	EOC review

Week 12 March 29	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	EVOLUTION	EVOLUTION	NO SCHOOL GOOD FRIDAY
Learning Objective(In class today)	Genetic Drift(bottleneck & founder effect) activity 11.4-Hardy Weinberg	11.5/11.6-Speciation via Isolation Lab-Hardy W calculations	

What is Due Today?	Check classroom for details	Check classroom for details	
Assignments	Read pgs 320-326 in text Hardy weinberg practice problems	Study for quest(WED) Finish lab calculations	

Week March 15	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	EVOLUTION	EVOLUTION	EVOLUTION
Learning Objective(In class today)	Speciation-11.1/11.2 Patterns of evolution activity	Quest-Chapter 10 Gene flow, genetic drift, sexual selection (11.3)	Evolutionary Arms Race
What is Due Today?	SEE CLASSROOM FOR SPECIFIC DETAILS	SEE CLASSROOM FOR SPECIFIC DETAILS	SEE CLASSROOM FOR SPECIFIC DETAILS

Assignments	Read pgs 308-313 Study for quest on ch 10	Read pgs 315-318	Have a great spring break see you the week of March 29th
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Week March 8	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	EVOLUTION	EVOLUTION	EVOLUTION
Learning Objective(In class today)	Natural Selection Peppered Moth Activity	Evidence of Evolution Group activity Evidence of Evolution	Evolution & selection POGIL
What is Due Today?	SEE CLASSROOM FOR SPECIFIC DETAILS	SEE CLASSROOM FOR SPECIFIC DETAILS	SEE CLASSROOM FOR SPECIFIC DETAILS
Assignments	10.3 Review Questions Read pgs 298-304	10.4 Review Questions Read pgs 306-310	Review for quiz 5th-monday 4th-tuesday

Week March 1	MON(5th) TUES(4th)	WED(5th) THURS(4th)=asynchronous	FRIDAY Asynchronous
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UNIT	RNA & PROTEIN SYNTHESIS	EVOLUTION	EVOLUTION
Learning Objective(In class today)	TEST-DNA, RNA & Protein Synthesis Work independently on scientist and contribution to evolutionary theory & review questions While reading 286-289	Darwin & Natural Selection(10.2/10.3) SHORT VIDEO ON ADAPTATIONS	Adaptation Activity
What is Due Today?	SEE CLASSROOM FOR SPECIFIC DETAILS	SEE CLASSROOM FOR SPECIFIC DETAILS	SEE CLASSROOM FOR SPECIFIC DETAILS
Assignments	HW: Read pgs 290-297 Complete what you did not complete in class	Review questions Read pgs 290-297 if you haven't	Complete & turn in Adaptation Activity Read pgs 298-305

Week 8 February 22	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	RNA & PROTEIN SYNTHESIS	PROTEIN SYNTHESIS	PROTEIN SYNTHESIS
Learning Objective(In class today)	-discuss quiz -review pg 14 hw -RNA Transcription -Protein Synthesis	- Introns & exons - Point & chromosomal mutations	Review

	-small group work pg 20-21 in big packet	-ModelingProtein synthesis Lab	
What is Due Today?	Check google classroom for details	Check google classroom for details	Check google classroom for details
Assignments	Read pgs 229-237 if you haven't Pg 16/17 in big packet Also upload pgs 20-21	Complete lab questions Read pgs 244-247	Pg 18-19 in big packet Review for TEST(MON)

Week 7 February 8	MON/TUES	WED(5TH) Thurs(4th)	FRIDAY (friday is back to a full virtual schedule)
UNIT		DNA, RNA & protein synthesis	DNA, RNA & protein synthesis
Learning Objective(In class today)	Presidents Day No Classes Tues: SNOW DAY	Go over POGIL from FRi DNA Replication DNA replication activity DNA vs RNA	QUEST- DNA, replication & scientists Watch video
What is Due Today?		See classroom for details	See classroom for details

Assignments		1. Read pgs 229-237 in textbook 2. Complete DNA hw questions 1-12 ofr review	1. Complete pg l14 questions 1-14 in new big packet
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Week 6 February 8	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	GENETICS	GENETICS	GENETICS
Learning Objective(In class today)	Genetics Unit Test Read pgs 216-219(if you haven't already) and identify what each scientist researched and concluded	DNA Structure & Function DNA modeling activity	Complete the DNA structure & Replication POGIL
What is Due Today?			
Assignments	1.Complete section 8.1 review 2.Scan & upload note page and the review 3. Read pgs 220-223	1)DNA questions 2) modeling activity 3)read pages 225-228 on DNA replication	r Review for quiz on scientists and DNA(thurs(4th)/fri(5th) next week) Read pgs 225-228 in text **remember no school

			<p>monday next week so Friday is a monday schedule</p> <p>5th period will meet wed/Fri 4th period will meet usual time tues/thurs</p>
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Week 5 February 1	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	GENETICS	GENETICS	GENETICS
Learning Objective(In class today)	-quiz: incomplete dominance, co-dominance & blood typing -go over the x-linked hw problems from friday -intro to pedigrees	Human pedigree genetics group lab activity(complete & go over Start working on study guide for test on genetics unit	Review for genetics unit test
What is Due Today?	Check classroom for details	Check classroom for details	Check classroom for details
Assignments	HW: start working on study guide for genetics unit(recommended completion of pgs 1-3)	HW: continue to work on study guide for genetics unit test pgs 4-6)	Study for genetics unit test (monday(feb 8)-5th, Tuesday Feb 9-4th)

Week 4 January 25	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	GENETICS	GENETICS	GENETICS
Learning Objective(In class today)	1. Pass back & go over mono quiz 2. Dihybrid quiz 3. Intro to incomplete & co-dominance problems 4. Notes on blood type	1. Incomplete & co-dominance problems 2. Fake Blood typing lab	1) Intro to X-linked inheritance 2) start on hw problems
What is Due Today?	See classroom for details	See classroom for details	See classroom for details
Assignments	1. Incomplete & co-dominance problems 2. Read background info on blood typing 3. Read pgs 197-198 in textbook	1. Complete questions on lab	1) Review incomplete dominance, co-dominance & multiple alleles for quiz first class period of next week 2) complete x-linked practice problems

Week 3 January 19	MON	TUES(4th) WED(5TH)	THURS(4TH) FRIDAY(5TH) (friday is a monday schedule)
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UNIT	MLK DAY No Classes	GENETICS	GENETICS
Learning Objective(In class today)		GO OVER MONOHYBRID PRACTICE Problems Intro to dihybrid	Quiz-basic genetics & monohybrid Go over dihybrid practice problems Dihybrid Corn Lab
What is Due Today?		Check classroom for details	Check classroom for details
Assignments		Dihybrid practice problems Read pgs 180-181	Read pgs 196-199 Review for Dihybrid quiz next week(On first class day of week)

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Week 2 January 11	MON(5th) TUES(4th)	WED(5th) THURS(4th)	FRIDAY
UNIT	MEIOSIS/GENETICS	MEIOSIS/GENETICS	MEIOSIS/GENETICS
Learning Objective(In class today)	-Meiosis Review Intro to Genetics, Who is Mendel, What did he discover	-go over hw -intro to monohybrid crosses -Mendelian Genetics Coin toss activity & questions(small groups)	quest-meiosis(including comparison to mitosis, gametogenesis, etc)

What is Due Today?	See classroom for details	See classroom for details	See classroom for details
Assignments	1)Continue to review for friday meiosis quest 2)Read pgs 171-176 in text 3) Complete review questions on the genetic intro	1)Continue to review for friday meiosis quest 2) Complete the assigned monohybrid crosses	Continue working on monohybrid crosses

Week 1 January 4	MON	TUES(4TH) WED(5TH)	THURS(4TH) FRIDAY(5TH) (friday is a monday schedule)
UNIT		MEIOSIS	MITOSIS VS MEIOSIS
Learning Objective(In class today)	Teacher Records Day No Classes	-Intro to gamete formation -Mitosis vs Meiosis -Meiosis I	-Meiosis I review -Meiosis II -Oogenesis vs spermatogenesis -WORK IN SMALL GROUPS TO COMPLETE REVIEW WORK(#9, #10(11-15), #11(MEIOSIS

			II),
What is Due Today?		TBD...CHECK CLASSROOM	TBD..CHECK CLASSROOM
Assignments		Read pgs 162-165, 167-170 REVIEW WORKSHEETS(#8, #10(DO NOT DO 11-15), #11(MITOSIS & MEIOSIS I),	REVIEW WORKSHEETS 12-13