

Mr. Matthew Allegretti Matthew.Allegretti@vernonct.org 860.870.6050, x4218 Please see my Google Classroom to get more complete information and links to videos and assignments. These assignments below are a brief overview of what is being done in class.		
A DAY CLASSES (Scroll down or click here for B day)		
	Block 1 Honors Biology GC Code: 7yboqmq	Block 2 Biology GC Code: sylhpqd
June 10 Thurs.	Complete Missing Work	Complete Missing Work **Grades HAVE to Be In
June 7 Mon.	Frog Dissection *Project must be turned in by this date!	Frog Dissection *Project must be turned in by this date!
June 3 Thurs.	Stated Clearly Video & Questions Finish Evidence of Evolution WS Finish Project	Complete Evidence of Evolution WS Finish Project
June 2 Wed	Finish PearDeck Begin Evidence of Evolution WS	Evidence of Evolution WS
May 27 Thurs.	Evidence of Evolution PearDeck (Through Fossils) Finish Project	GMO Project
May 26 Wed.	Darwin Theory Warm-Up Darwin's Voyage Reading & Questions	Evolution PearDeck Complete Missing Work
May 24 Mon.	PearDeck Evolution Giraffe Video Clip Continue Project	GMO Project
May 20 Thurs.	Continue Project	Template for GMO Project
May 17 Mon.	Finish GMO Template & Begin Final Product for GMO Project	Finish Jurassic World
May 13 Thurs.	GMO Project Template Project (if time)	Introduce GMO Project First Half Jurassic World
May 12 Wed.	DNA Mutations Practice WS	Recombinant DNA WS Finish Missing Work
May 10 Mon.	Finish Jurassic World	Mutation PearDeck Mutation Video Clip RockSnake
May 6 Thurs.	Introduce GMO Project First Half Jurassic World Students Fill-in Template Day 1	½ NOVA “Can We Make Life” Finish GMO WebQuest
May 3 Mon.	PearDeck- Mutations in DNA Finish NOVA Video (Mutations Covered @ 32 min) Rock Snake Genetics	½ NOVA “Can We Make Life” First Half GMO WebQuest
April 29 Thurs.	NOVA “Can We Make Life” (Stop @ 26 min) *(At 8- I need to go conduct an interview) GMO Webquest	Diabetes Diagram & Clip Recombinant DNA Activity Modeling Transformation Exit Ticket
April 28 Wed.	Bacterial Transformation Warm-Up “Genetic Engineering Will Change Everything” Clip	Protein Synthesis Warm-Up Complete Missing Assignments
April 26 Mon.	Warm-Up Protein Synthesis Diabetes Diagram & Clip Recombinant DNA Activity	Protein Synthesis Peardeck Protein Synthesis Intro Reading & Questions
April 22 Thurs.	Survey Protein Synthesis Peardeck Biomabio Protein Synthesis Interactive	Survey Stated Clearly- “What is DNA and How Does it Work?” DNA vs RNA: Video & Complete Venn Diagram Chromosome & DNA Video Lab

April 19 Mon.	Review Test Stated Clearly- “What is DNA and How Does it Work?” DNA vs RNA: Video & Complete Venn Diagram Chromosome & DNA Video Lab	Chromosomes and Karyotypes - Peardeck What is a chromosome - Edpuzzle Karyotype Extension assignment
April 8 Thurs.	Growth & Development Unit Test	Test on Growth & Development Complete Missing Work
April 7 Wed.	Growth and Development Kahoot Review Complete Test Review Packet -I will answer any questions or review any concepts	Growth and Development Kahoot Growth and Development Review Packet
April 5 Mon.	DNA Structure Warm-Up “What is a Chromosome” Video Clip Karyotype Worksheet Begin Test Review Packet (Second Half of Class)	DNA Structure & Replication Peardeck GIZMO Lab
April 1 Thurs. (Virtual Learning)	Warm-Up DNA Structure Replication Peardeck Concept Map Page 2 Finish GIZMO	DNA JamBoard Virtual DNA Extraction “Journey Into DNA” Interactive
Mar. 29 Mon.	DNA Structure Peardeck Concept Map Page 1 Structure and Replication GIZMO *Complete Virtual DNA Lab By Thursday	Peardeck Slides- Levels of Organization Quick Diagram on Board Levels of Organization Follow-Up W/ Case Studies
Mar. 25 Thurs.	Zoom Issues (No online Class) -Complete Make-up Work In-Class- Strawberry DNA Extraction	Zoom Issues (No online Class) -Complete Make-up Work
Mar. 24 Wed.	Journey into DNA Interactive The Biology of Skin Color Video Clip	Safety Contract Cell Differentiation WS
Mar. 22 Mon.	Science Safety Forms Continue Diagram (Stem Cell Connection to Levels) JamBoard- DNA Analysis DNA Extraction Activities “Journey Into DNA” Interactive	Zoom Issues (No online Class) -Complete Make-up Work
Mar. 18 Thurs.	Science Safety Forms Guess the Embryo Stem Cell Warm-Up Peardeck- Levels of Organization Levels of Organization Follow-Up W/ Case Studies	Science Safety Forms Stem Cell Warm-Up Guess the Embryo Vocabulary Assignment
Mar. 17 Wed	JamBoard-Interests Complete WebQuest & Missing Work	JamBoard-Interests Complete WebQuest & Missing Work
Mar. 11 Thurs.	Review Bio-Interactive Questions Peardeck- Stem Cells PBS Replacing Body Parts Stem Cell Webquest	Peardeck- Stem Cells PBS Replacing Body Parts Stem Cell Webquest
Mar. 8 Mon.	Peardeck- Intro to Cells & Cell Cycle Biointeractive: The Cell Cycle	Peardeck- Intro to Cells & Cell Cycle Biointeractive: The Cell Cycle
Mar. 4 Thurs. (Remote Learning)	Warm-Up: How small is a cell? Clip: Scale of the Universe Edpuzzle - Eukaryotic Vs. Prokaryotic Cells Cell Type POGIL	Clip: Scale of the Universe Warm-Up: How small is a cell? Edpuzzle - Eukaryotic Vs. Prokaryotic Cells Complete Cell Type GIZMO
Mar. 3 Wed.	“Why Are You Alive” Video Clip Finish GIZMO	Cell Respiration JamBoard Warm-Up
Mar. 1 Mon.	Warm-Up: Cell Respiration Kahoot Best Invention JamBoard Germ Theory Clip Cell Type GIZMO	Warm-Up: Cell Respiration Kahoot Best Invention JamBoard Germ Theory Clip Cell Type GIZMO
Feb. 25 Thurs.	Part II of Cellular Respiration PearDeck Yeast Fermentation EdPuzzle Amoeba Sisters Cellular Respiration vs. Photosynthesis	Part II of Cellular Respiration PearDeck Yeast Fermentation EdPuzzle Amoeba Sisters Cellular Respiration vs. Photosynthesis
Feb. 22 Mon.	Intro to Cellular Respiration Peardeck ATP & Cellular Respiration POGIL	Intro to Cellular Respiration Peardeck ATP & Cellular Respiration POGIL
Feb. 18 Thurs.	Science in the News	Science in the News (extra credit)

Feb. 17 Wed.	Go Over Review ?'s Quiz (Digestion, Macromolecules & Enzymes)	Answer and Questions -Assign students who need support Quiz (Digestion, Macromolecules & Enzymes)
Feb. 11 Thurs.	Enzymes in Saliva EdPuzzle Toothpickase Activity Finish Review/Question?	Kahoot Digestion Diagram Quiz Review Packet
Feb. 8 Delay Sch. Mon.	Review Enzyme Extension WS Kahoot- Review Quiz Review Packet	Macromolecules Peardeck Review Quiz Review
Feb. 4 Thurs.	Finish Enzyme Peardeck Slides Questions to BiomanBio? EdPuzzle Enzymes Enzyme Extension WS	Finish Enzyme Notes Peardeck Enzyme EdPuzzle Enzyme Extension WS
Feb. 3 Wed.	Enzymes in Food Industry Finish Biomanbio and Missing Work	Amoeba Sisters Macromolecules Finish Missing Work
Feb. 1 Mon.	Snow Day	Snow Day
Jan. 28 Thurs.	Enzymes Peardeck -Beaumont's Experiment Link (15 min) Bioman Bio Enzymes	Check A.G.E (Aspen. Google Classroom. Emails) Review Lockdown Procedures Enzymes Peardeck Bioman Bio Enzymes
Jan. 25 Mon.	"Macromolecules in Food" Last Part* Warm-Up Food Oasis Video Clip Macromolecules Peardeck Review Identifying Nutrients GIZMO	Check A.G.E (Aspen. Google Classroom. Emails) COL Recap Table Identifying Nutrients GIZMO (Pages 1 & 2)
Jan. 21 Thurs.	Macromolecules Recap Table Mid-Year Student Check In Survey Poverty Comic Malnutrition Packet	Check A.G.E (Aspen. Google Classroom. Emails) De.Syn & Hydrolysis Review on Board Mid-Year Student Check In Survey Poverty Comic Macromolecules in Your Food
Jan. 20 Wed.	Science Course Recommendations Macromolecules Kahoot	Science Course Recommendations Make-Up Work OR Begin Macromolecules in Your Food
Jan. 14 Thurs.	EdPuzzle "Dehydration Synthesis & Hydrolysis" Review Practice WS Macromolecules in Your Food Amoeba Sisters and Video WS	JamBoard Digestive System Model Notes on Macromolecules (Monomers vs Polymers) EdPuzzle "Dehydration Synthesis & Hydrolysis" Dehydration Synthesis & Hydrolysis Practice
Jan. 13 Wed.	CER Practice "Is Air Matter" Complete Missing Assignments	CER Practice "Is Air Matter" Complete Missing Assignments
Jan. 11 Mon.	JamBoard Digestive System Model/Review EdPuzzle "How the Digestive System Works" Notes on Macromolecules (Monomers vs Polymers) Dehydration Synthesis & Hydrolysis Practice	JamBoard Digestive System Model/Review EdPuzzle "How the Digestive System Works" Notes on Macromolecules (Monomers vs Polymers) Dehydration Synthesis & Hydrolysis Practice
Jan.7 Thurs.	Review CER Worksheet CER Kahoot Macromolecules Intro Notes (Essential Question) Digestive System Webquest Part 1	Review CER Worksheet CER Kahoot Macromolecules Intro Notes (Essential Question) Digestive System Webquest Part 1
Jan. 4 Mon.	CER Notes -Doritos Clip & Audi Clip CER Practice "Early Discoveries in Science"	CER Notes -Doritos Clip & Audi Clip CER Practice "Early Discoveries in Science"
	HAPPY HOLIDAYS!	HAPPY HOLIDAYS!
Dec. 23 Wed.	Finish Keystone Species Project	Finish Keystone Species Project
Dec. 21 Mon.	JamBoard Energy Transfer CER (Claim-Evidence-Reasoning) Intro Continue Keystone Species Project	JamBoard Energy Transfer CER (Claim-Evidence-Reasoning) Intro Continue Keystone Species Project
Dec. 17 Thurs.	Begin Creating Final Product for Keystone Species (Due 12/23) -See Rubric	Begin Creating Final Product for Keystone Species (Due 12/23) -See Rubric
Dec. 14 Mon.	Jamboard- Energy Transfer (Moved to Thurs- Google Issue) Warm-Up EdPuzzle " How Wolves Change Rivers" Day 3 Keystone Species Project	Warm-Up EdPuzzle " How Wolves Change Rivers" Day 3 Keystone Species Project
Dec. 10 Thurs.	Review Questions 3 & 4 Watch 2nd Half of "The Serengeti Rules" Day 2 Keystone Species Research	Watch 2nd Half of "The Serengeti Rules" Day 2 Keystone Species Research
Dec. 9 Wed.	Energy in the Ecosystem Calculations Keystone Species Reading & Questions	Keystone Species Reading & Questions
Dec. 7 Mon.	Review Questions on Extension WS Watch 1st Half of "The Serengeti Rules" Day 1 Keystone Species Research	Review Questions on Extension WS Watch 1st Half of "The Serengeti Rules" Day 1 Keystone Species Research
Dec. 3	Energy & Matter Warm-Up	Energy & Matter Warm-Up

Thurs.	Energy & Biomass Calculations Ecological Pyramids Follow-Up Worksheet	Energy Pyramid Calculation Pear Deck Ecological Pyramids Follow-Up Worksheet
Nov. 30 Mon.	Levels of the Ecosystem Warm-Up Ecological Pyramid & Biomass Pear Deck Ecological Pyramid POGIL (Due Thursday)	Levels of the Ecosystem Warm-Up First Half Pear Deck- Ecology Slides Part II: Energy Transfer (Stop after decomposers) Matter and Energy in the Ecosystem Reading & Questions
	HAPPY THANKSGIVING!	HAPPY THANKSGIVING!
Nov. 25 Wed.	Check-In Finish Reading and Questions	Check-In Finish GIZMO Questions
Nov. 23 Mon.	First Half Pear Deck- Ecology Slides Part II: Energy Transfer (Stop after decomposers) Finish GIZMO Ecosystems: Student Handbook Matter and Energy in the Ecosystem Reading & Questions	Peardeck - Ecology/Levels of organization Gizmo Ecology STEM Case Study Handbook
Nov. 19 Thurs.	Peardeck - Ecology/Levels of organization Gizmo Ecology STEM Case Study Handbook	ATP/ADP Energy Interactive Diagram Kahoot Review of Photosynthesis ATP Follow-Up Questions
Nov. 16 Mon.	Kahoot Review of Photosynthesis Finish Photosynthesis Virtual Lab Part 2 Interactive Journal	ATP/ADP EdPuzzle PearDeck Photosynthesis Review Finish Photosynthesis Virtual Lab Part 1
Nov. 12 Thurs.	Go Over Follow-Up WS ATP/ADP EdPuzzle ATP/ADP Energy Interactive Diagram ATP Follow-Up Questions Photosynthesis Virtual Lab Part 2	Amoeba Sisters EdPuzzle Warm-Up: Photosynthesis Drag N Drop Photosynthesis Virtual Lab Part 1 -Will complete next class
Nov. 11 Wed.	PearDeck Review of Concepts EdPuzzle- Inside of a Leaf Complete Photosynthesis Follow-Up WS	PearDeck Review of POGIL Concepts EdPuzzle- Inside of a Leaf Complete Photosynthesis Follow-Up WS
Nov. 9 Mon.	Warm-Up: Photosynthesis Drag N Drop Photosynthesis Virtual Lab Part 1: Wavelength -Turn in Lab When Finished (Due next class)	Reactants and Products Photosynthesis JamBoard Review Part 1 of POGIL EdPuzzle Video: Light Dependent and Light Independent Reactions Follow-Up Worksheet
Nov. 5 Thurs.	Reactants and Products Photosynthesis JamBoard Review 2nd Part of POGIL EdPuzzle Video: Light Dependent and Light Independent Reactions Follow-Up Worksheet	Warm-Up: Van Helmont's Experiment Video Clip- Mass of a tree What's in a Leaf? POGIL
Nov. 2 Mon.	Warm-Up: Van Helmont's Experiment Video Clip- Mass of a tree Review POGIL from Thursday BiomanBio- Photosynthesis Interactive	Quiz (Succession, Atoms/Molecules & Carbon Cycle) Photosynthesis: Making Energy Worksheet
Oct. 29 Thurs.	Quiz (Succession, Atoms/Molecules & Carbon Cycle) What's in a Leaf? POGIL	Interactive Notebook -Chemistry of Life & Carbon Cycle Complete Quiz Review WS Make-Up (Last Chance!)
Oct. 26 Mon.	Carbon Warm-Up Quiz Review WS Carbon Cycle Reading & Questions - Due 10/29 **Quiz Next Class	ASPEN Check-In Warm-Up Carbon Cycle Reading & Questions Due 10/29 Begin Quiz Review WS **Quiz Next Monday (Succession, Atoms, Carbon Cycle)
Oct. 22 Thurs.	Turn-in Intro to Atom/Molecules WebQuest Questions about Chem. Reaction EdPuzzle Intro to Chemistry - Kahoot Warm-up Carbon Cycle GIZMO **Quiz next Thursday	Turn-in Atoms/Molecules WebQuest Intro to Chemistry - Kahoot Warm-up Edpuzzle Carbon Cycle Carbon Cycle Interactive - Due 10/26
Oct. 21 Wed.	Carbon CrashCourse EdPuzzle Chemical Reaction EdPuzzle Finish Intro to Chem. WebQuest	Carbon EdPuzzle Complete Make-Up Work
Oct. 19 Mon.	Weekly Check-In CER Recap Draw an Atom Jamboard BioChem WebQuest	Weekly Check-In -Turn in GIZMO Seed Germination Questions Draw an Atom Jamboard BioChem WebQuest
Oct. 15 Thurs	Seed Germination GIZMO -CER Challenge	Is a Seed Alive?-JamBoard Forest Fire Regrowth Video Seed Germination GIZMO -Complete for HW
Oct. 12 Mon	No School	No School
Oct. 8 Thurs	Quick Notes Overview Video Clips (One Strange Rock) Interactive Notebook Page Intro to Chem Vocab Sheet	Video Clips (One Strange Rock) Quick Notes Overview Interactive Notebook Complete Succession POGIL Intro Chem Vocab Sheet (Extra Credit)
Oct. 7 Wed	Check-in Google Form Watch KhanAcademy Edpuzzle Finish Succession POGIL	Check-in Google Form

Oct. 5 Mon	Quiz (Scientific Method & Characteristics of Life) Begin Succession POGIL	Quiz (Scientific Method & Characteristics of Life) Succession POGIL
Oct. 1 Thurs	Review Quiz Format Watch Volcano vs. Forest Fire Video Clips/ Make Observations, Introduce Unit Biomabio Succession Activity (Complete for Next Class)	Review Quiz Format Watch Volcano vs. Forest Fire Video Clips/ Make Observations, Introduce Unit Biomabio Succession Activity
Sept. 28 Mon	Characteristics of Life Warm-Up (Review Answers) Characteristics of Life Stations Lab Martian and the Car Worksheet (Complete for Next Class)	Characteristics of Life Warm-Up (Review Answers) Characteristics of Life Stations Lab Martian and the Car Worksheet
Sept. 25 Thurs	Review Homework What is Life-Jamboard Amoeba Sisters- Characteristics of Life Notes (Complete for Next Class)	Review Homework What is Life-Jamboard Characteristics of Life Notes
Sept. 23 Wed	Scientific Method Review WS (Quiz on Oct.5) Kahoot Review Game	Scientific Method Review WS Kahoot Review Game
Sept. 21 Mon	Warm-Up: Sci. Method Concept Map Mythbusters Scientific Method Practice Problems 2-4 (Complete for next class) Kahoot Review	Sci. Method Concept Map Mythbusters Scientific Method Practice Problems 2-4 Kahoot Review
Sept. 17 Thurs	Warm-Up Mask Particles Brainstorm (Cancer Causes) Finish Sci. Method Notes Amoeba Sisters Video & Questions Mythbusters Scientific Method Practice (Problem 1)	Warm-Up Mask Particles Brainstorm (Cancer Causes) Finish Sci. Method Notes Amoeba Sisters Video & Questions Mythbusters Scientific Method Practice (Problem 1)
Sept. 14 Mon	Share Scav. Hunt Variables Notes Identifying Variables Practice Problems	Share Scav. Hunt Variable Notes Identifying Variables Practice Problems
Sept 10 Thurs	Set-Up GIZMO Account Intro to Bio Video Clip Biology Photo Scavenger Hunt Assignment	Set-Up GIZMO Account Intro to Bio Video Clip Biology Photo Scavenger Hunt Assignment
Sept 9 Wed	What is Biology? - Jamboard Routines and Expectations Check for Understanding	What is Biology? - Jamboard Routines and Expectations Check for Understanding
Sept 3 Thurs	JamBoard Icebreaker Review Expectations Slideshow Set-Up Remind 101 Kahoot- Name that Tune	JamBoard Icebreaker Review Expectations Slideshow Set-Up Remind 101 Kahoot- Name that Tune
Sept 2 Wed	Social Emotional Learning Inventory and Questions	Social Emotional Learning Inventory and Questions
Aug 31 Monday	Expectations Student Survey GIF Search Padlet Idea for next year Ice Breaker: Saving Sam	Expectations Student Survey GIF Search Padlet

B DAY CLASSES			
	Block 5 Anatomy GC Code: h47ip3n	Block 7 Biology GC Code: 67tkvdh	Block 8 Biology GC Code: vimagj7
June 9 Wed.	All Missing Assignments Need to Be Turned In- Senior Grades Due!	Last Day to Turn in Missing Assignments	Last Day to Turn in Missing Assignments
June 8 Tuesday	AH Breakfast-Take Attendance-No Class Work	Frog Dissection	Frog Dissection
June 4 Friday	Finish Slides? Kahoot *Bring in Books	Finish Peardeck Darwin Reading & Questions	Finish Peardeck Darwin Reading & Questions
June 1 Tuesday	SSD Alternative Medicine Project *Bring in Books	Evidence of Evolution Peardeck Evidence Packet and/or Finish Poster	Evidence of Evolution Peardeck Evidence Packet and/or Finish Poster
May 28 Friday	Alternative Medicine Project *Bring in Books	Evolution Peardeck Finish Storyboard	Evolution Peardeck Finish Storyboard
May 25 Tuesday	Eye Dissection	Storyboard	Storyboard
May 21 Friday	Work on Alternative Medicine Project	Begin Storyboard	Begin Storyboard
May 19 Wed	Endocrine & Blood Test	Finish Template	Finish Template
May 18 Tuesday	Review for Endocrine System & Blood Test	Start Template for GMO Project	Start Template for GMO Project
May 14 Friday	Blood Typing Lab Activity & Follow-Up Questions	Finish Jurassic World	Finish Jurassic World
May 11 Tuesday	Blood Notes (Through WBC's) Finish Slideshow & Worksheets or... Work on Research Project	Introduce GMO Project First Half Jurassic World Students Fill-in Template Day 1	Introduce GMO Project First Half Jurassic World Students Fill-in Template Day 1
May 7 Friday	Blood Slideshow & Questions -Slides x2 -Worksheet	PearDeck- Mutations in DNA Stated Clearly- How Does New Genetic Info. Arise? Rock Snake Genetics	PearDeck- Mutations in DNA Stated Clearly- How Does New Genetic Info. Arise? Rock Snake Genetics
May 5 Wed.	NGSS Testing (Asynchronous) Research Project Planning Template	NGSS Testing (Asynchronous) Finish “Nova: Can we make life?” Finish GMO WebQuest (if needed)	NGSS Testing (Asynchronous) Finish “Nova: Can we make life?” Finish GMO WebQuest (if needed)
May 4 Tuesday	Finish Endocrine Notes Hormone, Gland & Function Matching WS	Warm-Up Protein Synthesis Watch First ½ “Nova: Can we make life?” GMO WebQuest	Warm-Up Protein Synthesis Watch First ½ “Nova: Can we make life?” GMO WebQuest
April 30 Friday	Review Mechanisms POGIL Gland and Hormone Notes (-> 57 Graves) Thyroid Case Study	Diabetes Diagram & Video Recombinant DNA Activity	Warm-Up Protein Synthesis Diabetes Diagram & Video Recombinant DNA Activity
April 27 Tuesday	Learning Targets & Success Criteria Hormone Control & Pituitary Gland Notes Gland and Hormone Notes Pituitary Gland Hormone Regulation POGIL	Protein Synthesis Peardeck Protein Synthesis Reading & Questions	Protein Synthesis Peardeck Protein Synthesis Reading & Questions
April 23 Friday	Use Attendance Link Hormone Mechanisms POGIL Crash Course Endocrine System (on POGIL)	Stated Clearly- “What is DNA and How Does it Work?” EdPuzzle DNA vs RNA: Video & Complete Venn Diagram Chromosome & DNA Video Lab	Stated Clearly- “What is DNA and How Does it Work?” EdPuzzle DNA vs RNA: Video & Complete Venn Diagram Chromosome & DNA Video Lab
April 21 Wed.	Use Attendance Link Negative Feedback: Insulin and Glucagon	PSAT (no class)	PSAT (no class)
April 20 Tuesday	Review Nervous System Test Endocrine System Notes Exploring Cell Communication WS Endocrine System Labeling	Chromosomes and Karyotypes - Peardeck What is a chromosome - Edpuzzle Karyotype Extension Assignment	Chromosomes and Karyotypes - Peardeck What is a chromosome - Edpuzzle Karyotype Extension Assignment
April 9 Friday	Nervous System Test	Unit Test: Growth & Development	Unit Test: Growth & Development
April 6 Tuesday	Nervous System Review Packet	Kahoot Review Growth & Development Review Packet	Kahoot Review Growth & Development Review Packet
April 2 Friday	No Class- Good Friday	No Class- Good Friday	No Class- Good Friday

March 31 Wed.	Wrap Up Unit Notes The “Brain-Gut” Connection	DNA Structure GIZMO	Peardeck- DNA Structure DNA Structure GIZMO
March 30 Tuesday (Absent)	Last Day of Quarter 3 Osmosis STEM Case GIZMO	Last Day of Quarter 3 Warm-Up DNA Fun Facts Peardeck- DNA Structure Journey into Human DNA WS	Last Day of Quarter 3 Warm-Up DNA Fun Facts Journey into Human DNA WS
Mar. 26 Friday	Brain Labeling Slides Run through Slides on Meninges Meninges WebQuest	JamBoard- DNA Analysis Strawberry DNA Extraction EdPuzzle Virtual Human DNA Extraction WS	JamBoard- DNA Analysis Strawberry DNA Extraction EdPuzzle Virtual Human DNA Extraction WS
Mar. 23 Tuesday	Questions from HW? Warm-Up: Video Clip “Brain Usage” Interbrain & Brain Stem Parts Brain Labeling Slides	Science Safety Forms Peardeck Slides- Levels of Organization Quick Diagram Levels of Organization Follow-Up W/ Case Studies	Science Safety Forms Peardeck Slides- Levels of Organization Quick Diagram Levels of Organization Follow-Up W/ Case Studies
Mar. 19 Friday	Review Last HW Question Drug Effects on the Nervous System Regions of the Brain Notes -discuss sleep question “Brain On Food” Reading	Science Safety Forms Stem Cell Warm-Up Guess the Embryo Finish Stem Cell WebQuest	Science Safety Forms Stem Cell Warm-Up Guess the Embryo Finish Stem Cell WebQuest
Mar. 16 Tuesday	Nerve Physiology Diagram Addiction WebQuest	Peardeck- Stem Cells PBS Replacing Body Parts Stem Cell Webquest	Peardeck- Stem Cells PBS Replacing Body Parts Stem Cell Webquest
Mar. 10 Wed.	Review Intro Packet Notes on Imaging Imaging Follow-Up Worksheet	Vocabulary Worksheet	Vocabulary Worksheet
Mar. 9 Tuesday	Turn in POGIL & HW Warm Up: Divisions of the Nervous System Notes on Cell Types Diagrams of Cell Types	Peardeck- Intro to Cells & Cell Cycle Biointeractive: The Cell Cycle	Peardeck- Intro to Cells & Cell Cycle Biointeractive: The Cell Cycle
Mar. 5 Friday	Review Tests Begin Nervous System Slides Nervous System Intro POGIL HW: Nervous System Pain (Reading & Questions)	Warm-Up: How small is a cell? Clip: Scale of the Universe Edpuzzle - Eukaryotic Vs. Prokaryotic Cells Finish GIZMO	Warm-Up: How small is a cell? Clip: Scale of the Universe Edpuzzle - Eukaryotic Vs. Prokaryotic Cells Finish GIZMO
Mar. 2 Tuesday	Muscular System Test Nervous System Topics	Cell Respiration Kahoot Best Invention JamBoard Germ Theory Clip Cell Type GIZMO	Cell Respiration Kahoot Best Invention JamBoard Germ Theory Clip Cell Type GIZMO
Feb. 26 Friday	In Person- Rat Dissection Virtual- Muscle Identification & Functions	Part II of Cellular Respiration PearDeck Yeast Fermentation EdPuzzle Amoeba Sisters Cellular Respiration vs. Photosynthesis	Part II of Cellular Respiration PearDeck Yeast Fermentation EdPuzzle Amoeba Sisters Cellular Respiration vs. Photosynthesis
Feb. 24 Wed.	Kahoot- Quick Review of Concepts Muscular System Test Review Packet	Warm-Up: Cellular Respiration Finish POGIL	Warm-Up: Cellular Respiration Finish POGIL
Feb. 23 Tuesday	In Person- Rat Dissection Virtual- Muscle Identification & Functions	Intro to Cellular Respiration ATP & Cellular Respiration POGIL	Intro to Cellular Respiration ATP & Cellular Respiration POGIL
Feb. 19 Friday (V. snow day)	Notes: Development & Pathology Muscle Functions in Rat & Human (Due date of Test	CER Practice: Matter Experiment	CER Practice: Matter Experiment
Feb. 16 Tuesday 90-min delay	Muscle Warm-Up -Practice Muscle Movements -Or Label Muscle Movements Complete Missing Work	Quiz	Quiz
Feb. 10 Wed.	Muscle Contraction Quiz (Just material covered on the diagrams) Study Muscle Functions	Diagram of Digestion Review Enzyme Ext. WS Finish Review Packet	Diagram of Digestion Review Enzyme Ext. WS Finish Review Packet
Feb. 9 Tuesday (Virtual Snow Day)	Skeletal Muscle I.D. Slides Muscle Movement Notes Muscle Movement Labeling	Kahoot Begin Review Packet	Kahoot Begin Review Packet
Feb. 5 Friday	Safety Contracts Warm-Up: Part 1 & 2 (Guided Packet) Skeletal Muscles I.D Poke-A-Muscle Review for Quiz WS *Muscle Contraction Quiz Wed.	Macromolecules Peardeck Review (second part) Enzymes in Saliva Demo Enzyme Extension Worksheet	Macromolecules Peardeck Review Enzymes in Saliva Demo Enzyme Extension Worksheet
Feb. 2 Tuesday (V. snow day)	Safety Contracts? ATP & Muscle Fatigue Notes Muscle Fatigue Lab Activities *Muscle Contraction Quiz- Feb. 10	Finish Enzyme Notes Peardeck Enzyme EdPuzzle Finish Biomanbio	Finish Enzyme Notes Peardeck Enzyme EdPuzzle Finish Biomanbio

Jan. 29 Friday	Safety Contracts? Muscle Physiology Diagram -continue guided notes EdPuzzle	Enzyme Peardeck Beaumont's Experiment Link (15 min) Bioman Bio Enzymes	Enzyme Peardeck Beaumont's Experiment Link (15 min) Bioman Bio Enzymes
Jan. 27 Wed.	Review Part 1 of Guided Notes Muscle Lab Activities	Digestive System Warm-Up WebQuest Q's Not Accessible Finish Macromolecule Indicator Lab	Digestive System Warm-Up WebQuest Q's Not Accessible Finish Macromolecule Indicator Lab
Jan. 26 Tuesday	Safety Contracts? Warm-Up: Complete Muscle Tissue Chart Muscle Structure Diagram -complete guided notes HW: Read p. 182- 186 (microscopic anatomy of a muscle- nerve stimulation)	Housekeeping (INC grades, Q3, snow day schedule) Macromolecules Recap Table Macromolecule Indicator Lab	Housekeeping (INC grades, Q3, snow day schedule) Macromolecules Recap Table Macromolecule Indicator Lab
Jan. 22 Friday	Tests- Decide Q2/Q3 HASPI "The Muscular System" Packet	Student Mid Year Survey Malnutrition WebQuest	Student Mid Year Survey Malnutrition WebQuest
Jan. 19 Tuesday	Skeletal System Test	Science Course Selections Poverty Comic Kahoot Macromolecule Functions Amoeba Sisters Macromolecules	Science Course Selections Poverty Comic Kahoot Macromolecule Functions Amoeba Sisters Macromolecules
Jan. 15 Friday	Go Over Review Questions Rare Anatomy: Bones	JamBoard Digestive System Model/Review EdPuzzle- De. Syn and Hydrolysis -Go Over HW Worksheet Macromolecules in Your Food	JamBoard Digestive System Model/Review EdPuzzle- De. Syn and Hydrolysis -Go Over HW Worksheet Macromolecules in Your Food
Jan. 12 Tuesday	Socrative Space Race (this day or next) Unit Review for Skeletal System Test	Review Digestive System WS EdPuzzle "How the Digestive System Works" Notes on Macromolecules (Monomers vs Polymers) Dehydration Synthesis & Hydrolysis Practice	Review Digestive System WS EdPuzzle "How the Digestive System Works" Notes on Macromolecules (Monomers vs Polymers) Dehydration Synthesis & Hydrolysis Practice
Jan. 9 Friday	Notes- Appendicular Skeleton Shoulder & Hip Girdles -Complete Bone Organizer for Appendicular Skeleton as we cover notes EdHeads - Virtual Hip Resurfacing & Video	Review CER Worksheet Macromolecules Intro Notes Digestive System Webquest	Review CER Worksheet Macromolecules Intro Notes Digestive System Webquest
Jan. 7 Wed.	Axial Skeleton Kahoot Review	CER Kahoot Missing Work	CER Kahoot Missing Work
Jan. 5 Tuesday	Parts of the Vertebrae Drag N' Drop Notes- Vertebrae & Thorax Complete Day 4 Axial Bone Organizer (Ribs)	CER Notes -Doritos Clip & Audi Clip CER Practice "Early Discoveries in Science"	CER Notes -Doritos Clip & Audi Clip CER Practice "Early Discoveries in Science"
	HAPPY HOLIDAYS!	HAPPY HOLIDAYS!	HAPPY HOLIDAYS!
Dec. 22 Tuesday	½ Day Schedule Skull & Facial Bone Review Game Complete Day 3 Axial Bone Organizer (Vertebrae)	Complete Final Product: Keystone Species Research Project	Complete Final Product: Keystone Species Research Project
Dec. 18 Friday	½ Day Schedule Warm-Up: Facial Bones Drag N' Drop Diagram Negative Feedback	Complete Final Product: Keystone Species Research Project	Complete Final Product: Keystone Species Research Project
Dec. 16 Wed.	Check Answers to POGIL Complete Case Study -Due Friday Complete Day 2 Axial Bone Organizer (Facial Bones)	Keystone Species Reading & Questions	Keystone Species Reading & Questions
Dec. 15 Tuesday	Warm-Up: Skull Bones I.D. Drag N' Drop Notes- Bone Physiology -Bone Ossification & Remodeling Skeletal System Case Study	Warm-Up EdPuzzle " How Wolves Change Rivers" Day 3 Keystone Species Project	Warm-Up EdPuzzle " How Wolves Change Rivers" Day 3 Keystone Species Project
Dec. 11 Friday	Intro Notes- Bone Physiology -Through Long Bone Structure Bone Ossification WS HW- Complete Day 1 Axial Bone Organizer (Skull Bones)	Watch 2nd Half of "The Serengeti Rules" Day 2 Keystone Species Research	Watch 2nd Half of "The Serengeti Rules" Day 2 Keystone Species Research
Dec. 8 Tuesday	Bones in Forensics -Intro News Clip/Article -WebQuest (Due Friday)	Review Questions on Extension WS Watch 1st Half of "The Serengeti Rules" Day 1 Keystone Species Research	Review Questions on Extension WS Watch 1st Half of "The Serengeti Rules" Day 1 Keystone Species Research
Dec. 4 Friday	Unit 3: Membranes & Skin Test *Turn-in Skin Coloring WS	Energy & Matter Warm-Up Energy Pyramid Calculation Pear Deck Ecological Pyramids Follow-Up Worksheet	Energy & Matter Warm-Up Energy Pyramid Calculation Pear Deck Ecological Pyramids Follow-Up Worksheet
Dec. 2 Wed.	Review Membranes & Integumentary System Kahoot Group Study Complete Packets	Finish Matter and Energy in the Ecosystem Reading & Questions	Finish Matter and Energy in the Ecosystem Reading & Questions
Dec. 1 Tuesday	Finish Notes (Skin Conditions) Extraordinary Humans Skin (20 min)	Levels of the Ecosystem Warm-Up	Levels of the Ecosystem Warm-Up

	Wrap-Up Unit & Begin Review *Coloring Worksheet Due Friday **Test on Friday	First Half Pear Deck- Ecology Slides Part II: Energy Transfer (Stop after decomposers) Finish GIZMO Ecosystems: Student Handbook Matter and Energy in the Ecosystem Reading & Questions	First Half Pear Deck- Ecology Slides Part II: Energy Transfer (Stop after decomposers) Finish GIZMO Ecosystems: Student Handbook Matter and Energy in the Ecosystem Reading & Questions
	HAPPY THANKSGIVING!	HAPPY THANKSGIVING!	HAPPY THANKSGIVING!
Nov. 24 Tues.	Check-In Skin Model Votes Notes on Glands & Hair Extraordinary Humans Skin (20 min)	Check-In Peardeck - Ecology/Levels of organization Gizmo Ecology STEM Case study Due Monday	Check-In Peardeck - Ecology/Levels of organization Gizmo Ecology STEM Case study Due Monday
Nov. 20 Friday	Turn-in Skin Models Notes on Burns Case Study #2 (Due Tuesday)	ATP/ADP Energy Interactive Diagram Kahoot Review of Photosynthesis ATP Follow-Up Questions Finish Interactive Journal	ATP/ADP EdPuzzle ATP/ADP Energy Interactive Diagram Kahoot Review of Photosynthesis ATP Follow-Up Questions Finish Interactive Journal
Nov. 18 Wed.	JamBoard- Model of Skin	Interactive Journal Page-Photosynthesis Complete Make Up Work	PearDeck Photosynthesis Review Finish Photosynthesis Virtual Lab Part 1 Start Interactive Journal
Nov. 17 Tuesday	Notes on Dermis In-Class- Skin Coloring WS At Home- Skin Application WS	PearDeck Photosynthesis Review ATP/ADP EdPuzzle Finish Photosynthesis Virtual Lab Part 1	Draw Quick Review on Board EdPuzzle: Light Dependent/Ind. Reactions Photosynthesis Drag N Drop Photosynthesis Virtual Lab Part I
Nov. 13 Friday	Review Question 4 of Case Study PearDeck Review of Concepts Notes- Dermis In-Class- Skin Coloring WS At Home- Skin Application WS	Draw Quick Review on Board EdPuzzle: Light Dependent/Ind. Reactions Photosynthesis Drag N Drop Photosynthesis Virtual Lab Part I	Cancelled Due to Loss of Power
Nov. 10 Tuesday	Body Membranes Warm-Up Review/Turn-In Thermoregulation POGIL Notes- Epidermis Hyperthermia Case Study	PearDeck Review of POGIL Concepts EdPuzzle Video: Amoeba Sisters Follow-Up Worksheet (save last question for next class)	PearDeck Review of POGIL Concepts EdPuzzle Video: Amoeba Sisters Follow-Up Worksheet (save last question for next class)
Nov. 6 Friday	Turn-In Skin Reading Questions Notes on Types of Body Membranes -Slides 1- 17 Thermoregulation POGIL- Due Tues.	Warm-Up: Van Helmont's Experiment Video Clip- Mass of a tree What's in a Leaf? POGIL	Warm-Up: Van Helmont's Experiment Video Clip- Mass of a tree What's in a Leaf? POGIL
Nov. 4 Wed.	Unit Objectives JamBoard- Initial Questions Skin Intro Reading & Questions- Due Friday Review Tests	JamBoard- Labeling of reactants and products of photosynthesis at the macroscopic level Complete Photosynthesis: Making Energy	JamBoard- Labeling of reactants and products of photosynthesis at the macroscopic level Complete Photosynthesis: Making Energy
Oct. 30 Friday	Unit II Test (Human Cells & Tissues)	Quiz (Succession, Atoms/Molecules & Carbon Cycle) Photosynthesis: Making Energy WS	Quiz (Succession, Atoms/Molecules & Carbon Cycle) Photosynthesis: Making Energy WS
Oct. 28 Wed.	Kahoot Review Game Crashcourse Videos (Optional)	Complete Missing Work Organizer -Check by Mr. Allegretti Complete Missing Work	Complete Missing Work Organizer -Check by Mr. Allegretti Complete Missing Work
Oct. 27 Tuesday	Unit II Review -Test Topics: Cells & Tissues	Check-In Interactive Notebook -Atoms/Molecules & Carbon Cycle Complete/Go Over Quiz Review WS	Check-In Interactive Notebook -Atoms/Molecules & Carbon Cycle Complete/Go Over Quiz Review WS
Oct. 23 Friday	Muscle & Nervous, Tissue Repair Notes Review Worksheet 1 -Review worksheets are not graded but recommended	Chemical Equation Edpuzzle Carbon Cycle Reading & Questions Quiz Review WS **Quiz Friday	Chemical Equation Edpuzzle Carbon Cycle Reading & Questions Quiz Review WS **Quiz Friday
Oct. 20 Tuesday	Connective Tissues Notes Virtual Microscope Activity -Connective Connective Tissues Follow-Up Questions -Turn in for Friday	Turn-in WebQuest Edpuzzle Carbon Video Intro to Chemistry - Kahoot Warm-up Carbon Cycle Interactive - Due 10/23	Turn-in WebQuest Edpuzzle Carbon Video Intro to Chemistry - Kahoot Warm-up Carbon Cycle Interactive - Due 10/23
Oct. 16 Friday	Epithelial Tissues Notes -Complete organizer Virtual Microscope Activity -Epithelial Tissues Epithelial Follow-Up Questions -Turn in for Tuesday	End of Week Check-In Draw an Atom Jamboard BioChem WebQuest -Complete for next class	End of Week Check-In Draw an Atom Jamboard BioChem WebQuest -Complete for next class
Oct. 13 Tuesday	Warm-Up: Application of Diffusion Lab Notes on Stem Cells & Intro Tissues PBS "Replacing Body Parts" Clip	Is a Seed Alive?-JamBoard Forest Fire Regrowth Video Seed Germination GIZMO	Is a Seed Alive?-JamBoard Forest Fire Regrowth Video Seed Germination GIZMO
Oct. 9 Friday	Review Cell Transport POGIL Explain Connections On Board Diffusion GIZMO -Complete GIZMO for Tuesday	Check-in Google Form Video Clips (Earth Formation/Lichen), Interactive Notebook Finish Succession POGIL Intro to Next Unit Vocab	Check-in Google Form Video Clips (Earth Formation/Lichen) Interactive Notebook Finish Succession POGIL Intro to Next Unit Vocab
Oct. 6 Tuesday	Check-in Google Form Notes on Cell Membranes & Transport Cell Transport Mechanisms POGIL	Khan Academy Succession EdPuzzle Quick Notes Overview Succession Warm-Up	Khan Academy Succession EdPuzzle Quick Notes Overview Succession Warm-Up

	-Finish Cell Transport POGIL by Friday	Succession POGIL	Succession POGIL
Oct. 2 Friday	Review Test Questions Notes: Review of Chem/Bio Video Clip (One Strange Rock) Kahoot Review Cell Diagram on Board -No Homework	Quiz (Scientific Method & Characteristics of Life) Succession Reading/Questions	Quiz (Scientific Method & Characteristics of Life) Succession Reading/Questions
Sept. 30 Wed.	Pass Back Test Complete Unit 2 Pre Assessment Fill-In Anatomy of a Cell Organizer (complete by Friday)	Review Quiz Format Scientific Method Review Worksheet Kahoot Review Game	Review Quiz Format Scientific Method Review Worksheet Kahoot Review Game
Sept. 29 Tuesday	Unit 1 Test: Orientation to the Human Body -No HW	Go Over Warm-Up (Friday) Watch Volcano vs. Forest Fire Video Clips/ Make Observations Introduce Unit Biomabio Succession Activity	Go Over Warm-Up (Friday) Watch Volcano vs. Forest Fire Video Clips/ Make Observation Introduce Unit Biomabio Succession Activity
Sept. 25 Friday	Kahoot Review Game Review Packet for Unit 1 Test (An Orientation of the Human Body) -Complete review, have questions ready for next class	Characteristics of Life Warm-Up Characteristics of Life Stations Lab Martian and the Car Worksheet	Characteristics of Life Warm-Up Characteristics of Life Stations Lab Martian and the Car Worksheet
Sept. 22 Tuesday	Go Over Q.1-18 to Review, Regional/Directional Terms Quiz Notes on Homeostasis Finish A&P Lab Packet -Complete Packet for HW	What is Life-Jamboard Characteristics of Life Notes Characteristics Kahoot	What is Life-Jamboard Characteristics of Life Notes Characteristics Kahoot
Sept. 18 Friday	Notes on Body Planes/Cavities Review Game Begin A&P Lab Packet Quiz Next Class (Regional/Directional Terms) -Study for HW	Sci. Method Concept Map Mythbusters Assignment Problems 1-3	Sci. Method Concept Map Mythbusters Assignment Problems 1-3
Sept 16 Wed.	Storytelling Assignment -Due by next class	SEL Inventory	SEL Inventory
Sept 15 Tues	Review Language of Sci/Med. Set-Up GIZMO Account Directional Terms Notes Directional Terms Practice Regional Terms Labeling -Begin Reviewing Terms for HW	IV/DV Warm Up Review Practice Problems Warm Up (Cancer Causes) Finish Sci. Method Slides Amoeba Sisters & Questions	IV/DV Warm Up Review Practice Problems Warm Up (Cancer Causes) Finish Sci. Method Slides Amoeba Sisters & Questions
Sept 11 Friday	Finish Body System Notes Drag & Drop Concept Map Organ System Practicum -No HW	Set-Up GIZMO Account Students Share Photo Scavenger Hunt, Routines and Expectations Check for Understanding Variable Notes & Practice Problems	Set-Up GIZMO Account Students Share Photo Scavenger Hunt, Routines and Expectations Check for Understanding Variable Notes & Practice Problems
Sept 8 Tues	Book Dist., Routines and Expectations Check for Understanding Notes on Body Systems Language of Anatomy WS -Complete Packet for Next Class	Intro Video Clip, What is Biology? - Jamboard, 2 Biology Photo Scavenger Hunt Assignment	Intro Video Clip, What is Biology? - Jamboard, 2 Biology Photo Scavenger Hunt Assignment
Sept 4 Friday	Expectations Book Dist. Unit Essential ?'s Remind 101 Intro to Anatomy Notes	Expectations, JamBoard Icebreaker, Remind 101 Kahoot (Name that Tune)	Expectations, JamBoard Icebreaker, Remind 101 Kahoot (Name that Tune)
Sept 1 Tues	Expectations Student Survey GIF Search Padlet Idea for next year Ice Breaker: Saving Sam	Expectations Student Survey GIF Search Padlet	Expectations Student Survey GIF Search Padlet