

Structure of Cells and Organisms (Week 1)

Monday 1/30	Tuesday 1/31	Wednesday 2/1	Thursday 2/2	Friday 2/3
<p>Topic: Introduction to <i>Structure of Cells and Organisms</i></p> <p>LG: 1. Sum up what you know about Earth 2. Introduce New Unit</p> <p>Starter: Get your Chromebook Logged in.</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Take Earth Post/Practice Test 2. Take Cells Pre-Test 3. Record Scores on Packets. <p>Homework:</p> <ol style="list-style-type: none"> 1. Read/Study Pages 55-70 of Student Science Workbook. 	<p>Topic: Unit Test Earth</p> <p>LG: Sum up what you know about Earth</p> <p>Starter: Get your Chromebook Logged in.</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Take Final Earth Unit Test. 2. Turn in Earth Unit Packet (68 points). <p>Homework:</p>	<p>Topic: Organization of Life</p> <p>LG: Order the levels of organization from simple to complex (e.g., cell, tissue, organ, system, and organism).</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Begin Organization of Life Reading and Worksheet. Due Tomorrow 48 points. 2. Circle Map Introduction <p>Homework:</p>	<p>Topic: Organization of Life</p> <p>LG: Order the levels of organization from simple to complex (e.g., cell, tissue, organ, system, and organism).</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Organization of Life Reading and Worksheet due today 48 pts. <p>Homework:</p>	<p>Topic: Organization of Life</p> <p>LG: Order the levels of organization from simple to complex (e.g., cell, tissue, organ, system, and organism).</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Get Levels Drawing Assignment <ul style="list-style-type: none"> - See Examples - See Levels Demo (USOE) - See Levels Rubric <p>Homework:</p> <ol style="list-style-type: none"> 1. Levels Drawing Due Tuesday 2/7 50 Points.

Structure of Cells and Organisms (Week 2)

<p style="text-align: center;">Monday 2/6</p>	<p style="text-align: center;">Tuesday 2/7</p>	<p style="text-align: center;">Wednesday 2/8</p>	<p style="text-align: center;">Thursday 2/9</p>	<p style="text-align: center;">Friday 2/10</p>
<p>Topic: Cells and Structure of Organisms LG: Determine the Structure of Uni and Multi- Cellular Organisms.</p> <p>Starter: Complete the word organism.</p> <p>Today's Lesson: 1. Watch Organization of Life Video. 2. Complete "Organization of Life" Reading and Questions. 3. Grade/Score Item # 2.</p> <p>Homework:</p>	<p>Topic: Cells and Structure of Organisms LG: Determine the Structure of Uni and Multi- Cellular Organisms.</p> <p>Starter: Pick up 1 Chromebook/Table Partnership and Get Ready for Kahoot Game.</p> <p>Today's Lesson: 1. Play Kahoot 2. Watch Organization of Life Video 2 and Complete Brace Map with word list help. 3. Grade/Score "Organization of Life Reading and Questions"</p> <p>Homework:</p>	<p>Topic: Organ Systems of Multi-Cellular Organisms LG: Relate the structure of an organ to its component parts and the larger system of which it is a part.</p> <p>Starter: None</p> <p>Today's Lesson: 1. Receive "Levels Drawing" assignment. 2. Complete Notes on Human Organ Systems</p> <p>Homework: 1. Levels Drawing Due Tuesday February 14th.</p>	<p>Topic: Organ Systems of Multi-Cellular Organisms LG: Relate the structure of an organ to its component parts and the larger system of which it is a part.</p> <p>Starter: 1. Complete Paper Copy of 8th Grade Registration.</p> <p>Today's Lesson: 1. Complete 8th Grade Registration. 2. Receive Directions to Organ System Project/Poster and Assign Groups.</p> <p>Homework:</p>	<p>Topic: Systems Posters LG: Relate the structure of an organ to its component parts and the larger system of which it is a part.</p> <p>Starter: None</p> <p>Today's Lesson: 1. Complete Body Systems Review Poster. See Assignment Links Above for Directions and Internet Links.</p> <p>Homework: 1. Appoint 1 group member/leader to present your project/poster on Monday in Class.</p>

Structure of Cells and Organisms (Week 3)

Monday 2/13	Tuesday 2/14	Wednesday 2/15	Thursday 2/16	Friday 2/17
<p>Topic: Systems Posters LG: Relate the structure of an organ to its component parts and the larger system of which it is a part.</p> <p>Starter: 1. Complete Division of Labor Assignment 20 Points. Due Today!</p> <p>Today's Lesson: 1. Present Group Systems Posters Project. 2. Watch Video on Human Body Systems.</p> <p>Homework:</p>	<p>Topic: Matching Items to Levels LG: Match a particular structure to the appropriate level</p> <p>Starter: Complete <u>Organ System</u> Word</p> <p>Today's Lesson: 1. Begin Body System Challenge Puzzle. 2. Complete Organ System Card Sort Activity. 3. Begin Cell Theory Reading and Questions.</p> <p>Homework: 1. Body System Challenge Due Thursday 2/16. 31 Points</p>	<p>Topic: The Cell Theory LG: Understand the cumulative nature of the development of The Cell Theory.</p> <p>Starter: Complete <u>Organ</u> Word</p> <p>Today's Lesson: 1. Complete The Cell Theory Reading and Questions.</p> <p>Homework:</p>	<p>Topic: The Cell LG: Observe and describe cellular structures and functions.</p> <p>Starter:</p> <p>Today's Lesson: 1. Take CFA 1 2. Grade Body Systems Challenge Puzzle due today 31 points. 3. Begin Labeling Plant and Animal Cell Diagram.</p> <p>Homework:</p>	<p>Topic: Crayfish Organism Dissection LG: Identify Cells, Tissues, Organs and Organ Systems of the Crayfish.</p> <p>Starter: Complete <u>Tissue</u> Word</p> <p>Today's Lesson: 1. Complete the crayfish dissection.</p> <p>Homework: 1. Human Body Basics Puzzles due Tuesday 2/21 23 Points.</p>

Structure of Cells and Organisms (Week 4)

Monday 2/20	Tuesday 2/21	Wednesday 2/22	Thursday 2/23	Friday 2/24
<p>Topic: Crayfish Organism Dissection LG: Identify Cells, Tissues, Organs and Organ Systems of the Crayfish.</p> <p>Starter: Complete <u>Tissue</u> and <u>Organ</u> Word</p> <p>Today's Lesson: 1. Complete the crayfish dissection.</p> <p>Homework: 1. Human Body Basics Puzzles due Tuesday 2/21 23 Points.</p>	<p>Topic: Cell Organelles LG: Differentiate between plant and animal cells based on cell wall and cell membrane.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete The Cell Theory Reading and Questions and Grade. 2. Label Plant and Animal Cell 3. Cell Parts Power point (used to Complete cell picture) <p>Homework: 1. Cell Theory Flow Map due Tuesday 2/28.</p>	<p>Topic: Cell Organelles LG: Differentiate between plant and animal cells based on cell wall and cell membrane.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Finish Cell Parts Notes 2. Assign/Explain The Cell Model Project. Due Thursday March 9th. 3. Review parts and usage of microscope. 4. Use Microscopes to see 1-celled organisms <p>Homework:</p>	<p>Topic: Cell Organelles LG: Observe and describe cellular structures and functions.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete <i>Animal Cell Coloring</i> due today 22 points. 2. Complete Eukaryotic Cell Tree Map <p>Homework:</p>	<p>Topic: No School for Students: LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <p>Homework:</p>

Structure of Cells and Organisms (Week 5)

Monday 2/27	Tuesday 2/28	Wednesday 3/1	Thursday 3/2	Friday 3/3
<p>Topic: Cell Organelles LG: Observe and describe cellular structures and functions. Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Finish Labeling Plant and Animal Cell. 2. Introduce Cell Model 3. Complete Animal Cell Coloring. <p>Homework:</p> <ol style="list-style-type: none"> 1. Cell Model Due March 9th. 2. Animal Cell Coloring Due Thursday March 2nd. 	<p>Topic: Animal vs. Plant Cells LG: Compare and Contrast the Animal and Plant Cell. Starter: Review parts and usage of microscope.</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Plant (Onion) and Animal (Cheek) Cell Lab. 2. Use Microscopes to see 1-celled organisms <p>Homework:</p> <ol style="list-style-type: none"> 1. Cell Theory Flow Map Due today! 	<p>Topic: Cell Analogies LG: Observe and describe cellular structures and functions. Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete The Classroom Cell and Bridge Map Analogies 2. NK12 Practice <p>Homework:</p>	<p>Topic: Eukaryotic Cell Tree Map LG: Observe and describe cellular structures and functions. Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete the Eukaryotic Cell Thinking Map Activity. 2. Complete Card Sort 3. Quizlet Flash Card Practice <p>Homework:</p>	<p>Topic: The Cell in Action LG: Gather information to report on how the basic functions of organisms are carried out within cells.</p> <p>Starter:</p> <p>Today's Lesson:</p> <p>Homework:</p> <ol style="list-style-type: none"> 1. Watch Cell Parts Video 2. Begin <i>The Cell in Action</i> Tree Map.

Structure of Cells and Organisms (Week 6)

Monday 3/6	Tuesday 3/7	Wednesday 3/8	Thursday 3/9	Friday 3/10
<p>Topic: The Cell in Action LG: Gather information to report on how the basic functions of organisms are carried out within cells</p> <p>Starter: Complete EQ # 4</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete The Cell in Action Tree Map. 2. Watch Cell Membrane in Action Video Clip <p>Homework:</p> <ol style="list-style-type: none"> 1. Essential Questions # 6, 7, and 8. 	<p>Topic: The Cell Cycle LG: Gather information to report on how the basic functions of organisms are carried out within cells</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete the Eukaryotic Cell Cycle Notes and Flip Chart The Cell Cycle Video Clip 1 Cell Cycle Video Clip 2 <p>Homework:</p> <ol style="list-style-type: none"> 1. Complete rest of test review packet. 	<p>Topic: Cell Transport LG: The Cell in Action LG: Gather information to report on how the basic functions of organisms are carried out within cells</p> <p>Starter: None</p> <p>Today's Lesson:</p> <p>Homework:</p> <p>Complete Vocabulary Boxes Cell Energy, Osmosis and Diffusion</p>	<p>Topic: Cell-eration Starter: Complete EQ's 9 +10 and Review Vocabulary Homework</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Turn in Cell Model 2. Complete Organ System Card Sort <p>Homework: Complete</p>	<p>Topic: Test Review LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. 3. Assign Animal Cell Coloring Assignment. <p>Homework:</p> <ol style="list-style-type: none"> 1. Animal Cell Coloring Due Tuesday 3/14.

Structure of Cells and Organisms (Week 7)

Monday 3/13	Tuesday 3/14	Wednesday 3/15	Thursday 3/16	Friday 3/17
<p>Topic: The Cell in Action LG: Gather information to report on how the basic functions of organisms are carried out within cells</p> <p>Starter: Complete EQ's 11 + 12</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Osmosis and Diffusion Lab. 2. Complete Cell Organelle Card Sort <p>Homework:</p>	<p>Topic: Cells and Structure of Organisms Test Review</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Transport Assessment. 2. Organ System Card Sort 3. Kahoot it! <p>Homework:</p>	<p>Topic: Cells and Structure of Organisms Test Review</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Take CFA 10 2. Osmosis and Diffusion Lab/Demo 3. Grade Score Cell Cycle Flipchart <p>Homework:</p>	<p>Topic: Cells and Structure of Organisms Test Review</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Grade Packet 2. Take Unit Practice/Post-Test <p>Homework:</p>	<p>Topic: Cells and Structure of Organisms Test</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Take Final Heredity and Adaptations Test 2. Complete Heredity and Adaptations Unit <i>Tour of the Basics</i> (if extra time) <p>Homework:</p>