

Heredity and Adaptations (Week 1)

Monday 3/20	Tuesday 3/21	Wednesday 3/22	Thursday 3/23	Friday 3/24
<p>Topic: Introduction to Heredity and Adaptations</p> <p>LG: Students will understand that offspring inherit traits that make them more or less suitable to survive in the environment.</p> <p>Starter: Log Into Chromebook</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Finish Cells Test 2. Take Heredity Unit Pre-Test 3. Grade/Score The Cell Cycle and Animal Cell Coloring. <p>Homework:</p>	<p>Topic: DNA from Parent(s) to Offspring</p> <p>LG: Compare and contrast the exchange of genetic information in sexual and asexual reproduction</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Tour of the Basics Website Tour of Basics Handout <p>Homework:</p>	<p>Topic: DNA from Parent(s) to Offspring</p> <p>LG: Compare and contrast the exchange of genetic information in sexual and asexual reproduction</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Review Tour of the Basics <p>Homework:</p>	<p>Topic: DNA from Parent(s) to Offspring</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Begin Thinking Maps for Heredity Videos 	<p>Topic: Adaptation</p> <p>LG: Recognize how adaptations are structures and behaviors than enable organisms to survive and reproduce.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Watch Adaptations of Mammals video and complete assignment 2. Field Trip to Aquarium. <p>Homework:</p>

Heredity and Adaptations (Week 2)

Monday 3/27	Tuesday 3/28	Wednesday 3/29	Thursday 3/30	Friday 3/31
<p>Topic: DNA from Parent(s) to Offspring</p> <p>LG: Compare and contrast the exchange of genetic information in sexual and asexual reproduction</p> <p>Starter: Get Chromebook out + go to Class Webpage</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete thinking maps on Heredity Video Clips. 2. Complete part 1 and 2 of Reproduction to Pass Genes Notes. 3. Begin Reproduction Strategies of Organisms Activity. <p>Homework:</p>	<p>Topic: DNA from Parent(s) to Offspring</p> <p>LG: Compare and contrast the exchange of genetic information in sexual and asexual reproduction</p> <p>Starter: Complete Genes Vocabulary Word</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete part 1 and 2 of Reproduction to Pass Genes Notes. 2. Complete Card Sort Activity <p>Homework:</p> <ol style="list-style-type: none"> 1. Part 3 of Repro. Notes Homework problems due Thursday 	<p>Topic: DNA Models</p> <p>LG: Construct a correct model of DNA.</p> <p>Starter: None</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Begin DNA Bead Model Lab <p>Homework:</p> <p>None</p>	<p>Topic: DNA Models</p> <p>LG: Construct a correct model of DNA.</p> <p>Starter: Grade and Score part 3 of repro. notes.</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Finish DNA Bead Model Lab <p>Homework:</p> <ol style="list-style-type: none"> 1. Complete DNA Model Reflection Questions 1-5 	<p>Topic: DNA</p> <p>LG: Compare inherited structural traits of offspring and their parents.</p> <p>Starter: Complete Trait Vocabulary Word</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete the DNA Extraction Lab <p>Homework:</p> <ol style="list-style-type: none"> 1. Complete the DNA extraction reflection questions.

Hereditiy and Adaptations (Week 3)

Monday 4/3	Tuesday 4/4	Wednesday 4/5	Thursday 4/6	Friday 4/7
Spring Break: No School	Spring Break: No School	Spring Break: No School	Spring Break: No School	Spring Break: No School

Heredity and Adaptations (Week 4)

Monday 4/10	Tuesday 4/11	Wednesday 4/12	Thursday 4/13	Friday 4/14
<p>Topic: Heredity: Reproduction Types</p> <p>LG: Explain the Structure of DNA.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. S and AS Card Sort 2. Complete DNA Model and Questions. <p>Homework:</p>	<p>Topic: Traits</p> <p>LG: Distinguish between inherited and acquired traits.</p> <p>Starter: Get DNA Models and Papers ready to grade.</p> <p>Today's Lesson: Complete Inherited and Acquired Traits Lesson</p> <p>Homework:</p>	<p>Topic: CFA 11</p> <p>LG:</p> <ol style="list-style-type: none"> 1. Compare/Contrast types of reproduction. 2. Compare/Contrast Inherited and Acquired traits. <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Kahoot 2. CFA 11 3. Prepare Conference Folder <p>Homework:</p>	<p>Topic: Cell Division: Mitosis vs. Meiosis</p> <p>LG: Determine how cells make more cells.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Mitosis/Meiosis Notes 2. See video clips (Cell Reproduction (@10:00 min.) GSLC Mitosis Link <p>K12 Web Homework: Student/Parent/Teacher Conferences 4:30 – 7:30 pm.</p>	<p>No School : Student/Parent/Teacher Conferences</p> <p style="text-align: center;">9 am -Noon</p>

Heredity and Adaptations (Week 5)

Monday 4/17	Tuesday 4/18	Wednesday 4/19	Thursday 4/20	Friday 4/21
<p>Topic: Cell Division: Mitosis vs. Meiosis</p> <p>LG: Determine how cells make more cells.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Mitosis/Meiosis Notes 2. See video clips (Cell Reproduction (@10:00 min.)) 3. Watch Bill Nye Genes <p>Homework:</p>	<p>Topic: Heredity: DNA Extraction</p> <p>LG: Compare inherited structural traits of offspring and their parents.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete the DNA Extraction Lab DNA Website <p>Homework:</p>	<p>Topic: Heredity: The Basics</p> <p>LG: Compare inherited structural traits of offspring and their parents.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Begin Heredity Reading and Questions Worksheet due Thursday 4/20. <p>Homework:</p>	<p>Topic: Heredity: The Basics</p> <p>LG: Compare inherited structural traits of offspring and their parents.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Finish/Check Heredity Reading and Questions Worksheet due today 50 points. 2. Watch Mendel DVD Clip on DNA and Heredity <p>Homework:</p>	<p>Topic: Heredity: The Basics</p> <p>LG: Compare inherited structural traits of offspring and their parents.</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Heredity Basics Power point <p>Homework: Heredity Homework Problems due Tuesday 4/25</p> <p>Homework:</p>

Heredity and Adaptations (Week 6)

Monday 4/24	Tuesday 4/25	Wednesday 4/26	Thursday 4/27	Friday 4/28
<p>Topic: Heredity: “Oh Baby”.</p> <p>LG: Compare inherited structural traits of offspring and their parents.</p> <p>Starter:</p> <p>Today’s Lesson:</p> <p>1. Complete Oh Baby Inheritance Activity</p> <p>Homework:</p>	<p>Topic: DNA Extraction</p> <p>LG: Explore DNA</p> <p>Starter:</p> <p>1. Finish Questions 1-5 of “Oh Baby”.</p> <p>Today’s Lesson:</p> <p>1. Review “Oh Baby” Inheritance Activity</p> <p>2. Complete DNA Extraction Lab</p> <p>Homework:</p> <p>None</p>	<p>Topic: Adaptations</p> <p>LG: Relate the structure of organs to an organism’s ability to survive in a specific environment.</p> <p>Starter: None</p> <p>Today’s Lesson:</p> <p>1. Work on Heredity Problems.</p> <p>2. Complete Introduction to Adaptations and Notes.</p> <p>Homework:</p> <p>1. Complete Heredity Homework Problems.</p> <p>2. Complete Gene and Chromosome Words.</p>	<p>Topic: Species Change over Time</p> <p>LG: Relate the Survivability of a Species of Organisms to Inherited Structures and Behaviors.</p> <p>Starter: Complete Adaptations Vocabulary Word (Show Protection Adapt. Ppt).</p> <p>Today’s Lesson:</p> <p>1. Check Heredity HW Problems.</p> <p>2. Begin Change over Time Reading and Questions.</p> <p>Homework:</p>	<p>Topic: Species Change over Time</p> <p>LG: Relate the Survivability of a Species of Organisms to Inherited Structures and Behaviors.</p> <p>Starter:</p> <p>Today’s Lesson:</p> <p>1. Complete Change over Time Reading and Questions.</p> <p>2. Watch Bill Nye Evolution.</p> <p>Homework:</p>

Heredity and Adaptations (Week 7)

Monday 5/1	Tuesday 5/2	Wednesday 5/3	Thursday 5/4	Friday 5/5
<p>Topic: Adaptations: Natural and Artificial Selection.</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete <i>Change over Time</i> R and Q. 2. Watch hybrid ppt. <p>Homework:</p> <p>Finish Unit Packet</p>	<p>Topic: CFA 12</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <p>Homework:</p> <ol style="list-style-type: none"> 1. Finish Unit Packet 2. Play peppered moth game. 	<p>Topic: Adaptation</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete "<i>How do Animals Adapt</i>" booklet activity. 2. Complete Butterfly Adaptation Hide and Hunt Activity <p>Homework:</p> <p>Finish Unit Packet</p>	<p>Topic: Sage Review Introduction</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Grade Heredity Packets 2. Review for Heredity Test <p>Homework:</p>	<p>Topic: Heredity Test</p> <p>LG:</p> <p>Starter:</p> <p>Today's Lesson:</p> <ol style="list-style-type: none"> 1. Complete Heredity Test and Review Results <p>Homework:</p> <ol style="list-style-type: none"> 1. Classification Review Packet

SAGE Review (Week 8)

Monday 5/8	Tuesday 5/9	Wednesday 5/10	Thursday 5/11	Friday 5/12
<p>Topic: LG: Starter: Today's Lesson: Homework: 1. Complete Matter Review Packet</p>	<p>Topic: LG: Starter: Today's Lesson: Homework: 1. Complete Structure of Earth Review Packet</p>	<p>Topic: LG: Starter: Today's Lesson: Homework: 1. Complete Structure of Cells and Organisms Review Packet</p>	<p>Topic: LG: Starter: Today's Lesson: Homework: 1. Study Review Packets for Sage Test Due Friday</p>	<p>Topic: LG: Starter: Today's Lesson: 1. Final Kahoot Competition 2. Review Logistics of Sage Test Homework:</p>