

Biology - Unit 4 Calendar - Heredity

Date	Learning Goal (I can...)	Daily Activities	Homework
Monday, March 22nd	I can compare & contrast diploid & haploid cells. I can differentiate between sex cells, gametes, & somatic cells.	1. Go Over Unit 3 Test (Friday is last day for corrections) 2. Correct Webquest 3. Amoeba Sisters Meiosis Video 4. Meiosis Practice Worksheet	None
Tuesday, March 23rd	I can identify the steps of meiosis & explain why it is necessary in many living creatures. I can compare & contrast meiosis with mitosis.	1. Correct Meiosis Webquest 2. Meiosis Coloring Worksheet 3. Meiosis Concept Check 4. Test Corrections	1. Meiosis Concept Check 2. Complete & turn in missing/late work
Wednesday, March 24	I can identify the steps of meiosis & explain why it is necessary in many living creatures. I can compare & contrast meiosis with mitosis.	1. <a href="#">Meiosis CERs</a> 2. <a href="#">Meiosis Kahoot</a>	
Thursday, March 25th	I can use vocabulary associated with heredity.	1. Meiosis Kahoot 2. Notes on Genetics Basics 3. <a href="#">Amoeba Sisters Alleles &amp; Genes Video</a> 4. Work Time <ul style="list-style-type: none"> <li><a href="#">Practice with Genotypes &amp; Phenotypes Worksheet (Hints Video)</a></li> <li>Unit 3 Test Corrections</li> </ul>	1. Finish Genotypes & Phenotypes Worksheet 2. Summary & Study Questions for Notes
Friday, March 26th	I can use vocabulary associated with heredity	1. Dragon Genetics Lab 2. Genetics Basics Concept Check	1. Finish Dragon Lab (due Thursday) 2. Genetics Basics Concept Check
Monday, March 29th to Tuesday, April 6th		No School - Spring Break	
Wednesday, April 7th	I can utilize a Punnett square to determine the probability of a trait in offspring based on the genetics of its parents & solve for offspring genotypes & phenotypes in complete dominance problems.	1. <a href="#">Correct Genotypes &amp; Phenotypes Wkst &amp; Answer Questions About Dragon Lab</a> 2. Notes on Punnett Squares & Complete Dominance 3. <a href="#">Complete Dominance Practice 1</a> - in class 4. Work Time	1. Finish Baby Dragon Genetics Lab 2. <a href="#">Complete Dominance Practice 2</a>

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		<ul style="list-style-type: none"> <li>Unit 3 Test Corrections</li> <li>Complete Dominance Practice 2</li> <li>Baby Dragon Genetics Lab</li> </ul>	
Thursday, April 8th	I can solve for offspring genotypes & phenotypes in incomplete dominance & codominance problems.	<ol style="list-style-type: none"> <li>1. Turn in Baby Dragon Genetics Lab &amp; Correct Complete Dominance Practice 2</li> <li>2. Cornell Notes on Non-Mendelian Traits (Incomplete &amp; Codominance)</li> <li>3. <a href="#">Incomplete &amp; Codominance Practice 1</a></li> <li>4. Work Time <ul style="list-style-type: none"> <li>Unit 3 Test Corrections</li> <li>Complete Dominance Concept Check</li> <li>Complete Dominance Stations</li> <li>Incomplete &amp; Codominance Practice 2</li> <li>Extra Credit Dihybrid Practice</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Complete Dominance Concept Check</li> <li>2. <a href="#">Incomplete &amp; Codominance Practice 2</a></li> <li>3. OPTIONAL: <a href="#">Extra Credit - Dihybrid Practice</a> (watch video &amp; complete practice problems) - Due Wed.</li> </ol>
Friday, April 9th	I can solve for offspring genotypes & phenotypes in sex-linked trait problems.	<ol style="list-style-type: none"> <li>1. Correct Incomplete &amp; Codominance Practice 2 Worksheet</li> <li>2. Notes - Non-Mendelian Traits (Sex-linked)</li> <li>3. <a href="#">Sex-Linked Traits Practice 1</a></li> <li>4. Work Time <ul style="list-style-type: none"> <li>Unit 3 Test Corrections</li> <li>Incomplete &amp; Codominance Concept Check</li> <li><a href="#">Sex-Linked Traits Practice 2</a></li> <li>Genetics Review Kahoot - Vocabulary, Complete Dominance, Incomplete &amp; Codominance</li> <li>Extra Credit Dihybrid Practice</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Incomplete &amp; Codominance Concept Check</li> <li>2. <a href="#">Sex-Linked Traits Practice 2</a></li> <li>3. OPTIONAL: <a href="#">Extra Credit - Dihybrid Practice</a> - Due Wed.</li> </ol>
Monday, April 12th	I can solve for offspring genotypes & phenotypes in multiple allele problems.	<p>Shortened Class Due to ASPIRE Testing</p> <ol style="list-style-type: none"> <li>1. Correct Sex-Linked Traits Practice 2</li> <li>2. Notes - Non-Mendelian Traits (Multiple Alleles)</li> <li>3. <a href="#">Multiple Alleles Practice 1</a></li> <li>4. Work Time <ul style="list-style-type: none"> <li><a href="#">Multiple Alleles Practice 2</a></li> <li>Extra Practice on Any of the Types of Crosses</li> <li>Extra Credit Dihybrid Practice</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. <a href="#">Multiple Alleles Practice 2</a></li> <li>2. OPTIONAL: <a href="#">Extra Credit - Dihybrid Practice</a> - Due Wed.</li> </ol>
Tuesday, April 13th	I can determine an individual's blood type.	<ol style="list-style-type: none"> <li>1. Correct Multiple Alleles Practice 2</li> <li>2. Blood Type Lab (due Thur.)</li> </ol>	<ol style="list-style-type: none"> <li>1. Sex-Linked Traits &amp; Multiple Alleles Concept Check</li> <li>2. Finish Blood Type Lab</li> </ol>

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			3. OPTIONAL: <a href="#">Extra Credit - Dihybrid Practice</a> - Due Wed.
Wednesday, April 14th	I can create and interpret a pedigree.	<p><b>Shortened Class Due to ASPIRE Testing</b></p> <ol style="list-style-type: none"> <li>1. <b>Turn in Extra Credit Dihybrid Practice</b></li> <li>2. Notes - Pedigrees</li> <li>3. <a href="#">Pedigree Practice 1</a></li> <li>4. Work Time <ul style="list-style-type: none"> <li>• Finish Blood Type Lab</li> <li>• Extra practice on topics you received low concept check scores for</li> <li>• Extra Credit - Rudolph Pedigree</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Study for Unit 4 Test</li> <li>2. <a href="#">Extra Credit - Rudolph Pedigree</a> - Due Fri.</li> </ol>
Thursday, April 15th	I can create and interpret a pedigree.	<ol style="list-style-type: none"> <li>1. <b>Turn in Blood Type Lab</b></li> <li>2. <a href="#">Pedigree Practice 2</a></li> <li>3. Work Time <ul style="list-style-type: none"> <li>• Pedigree Concept Check</li> <li>• Extra practice on topics you received low concept check scores for</li> <li>• Unit 4 Test Review Packet</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Pedigree Concept Check</li> <li>2. <a href="#">Extra Credit - Rudolph Pedigree</a> - Due Fri.</li> <li>3. Study for Unit 4 Test <ul style="list-style-type: none"> <li>• Summary &amp; study questions for each set of notes</li> </ul> </li> </ol>
Friday, April 16th	I can demonstrate my knowledge of heredity.	<p><b>Shortened Class Due to ASPIRE Testing</b></p> <ol style="list-style-type: none"> <li>1. <b>Turn in Rudolph Pedigree Extra Credit</b></li> <li>2. Extra practice on topics you received low concept check scores for</li> <li>3. Review For Unit 4 Test <ul style="list-style-type: none"> <li>• Kahoot</li> <li>• Unit 4 Test Review Packet</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Study for Unit 4 Test</li> <li>2. Make sure you have a summary &amp; study questions for all notes (due tomorrow)</li> </ol>
Monday, April 19th	I can demonstrate my knowledge of heredity.	<ol style="list-style-type: none"> <li>1. Turn in Unit 4 Notes</li> <li>2. Unit 4 Test</li> </ol>	Watch <a href="#">Biology Before Darwin Crash Course Video</a>