

Honors Biology - Unit 4 Calendar - Heredity

Date	Learning Goal (I can..)	Daily Activities	Homework
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 Webquest 2. Amoeba Sisters Meiosis Video 3. Meiosis Practice Worksheet 4. Meiosis Kahoot (if time)	1. Pandemic Project
Wednesday, March 24th	I can identify the steps of meiosis & explain why it is necessary in many living creatures. I can compare & contrast diploid & haploid cells. I can differentiate between sex cells, gametes, & somatic cells.	1. Go Over Unit 3 Test 2. Meiosis Coloring Worksheet 3. Meiosis CERs	1. Meiosis Concept Check 2. Cornell Notes - Genetics Basics
Thursday, March 25th	I can use vocabulary associated with heredity.	1. Finish Meiosis CERs 2. Note Check 3. Amoeba Sisters Alleles & Genes Video 4. Work Time <ul style="list-style-type: none"> Practice with Genotypes & Phenotypes Worksheet (Hints Video) Meiosis Kahoot Unit 3 Test Corrections 	Finish Practice with Genotypes & Phenotypes Worksheet
Friday, March 26th	I can use vocabulary associated with heredity.	1. Genetics Basics Concept Check 2. Dragon Genetics Lab	1. Finish Dragon Genetics Lab (due Thursday) 2. Cornell Notes on Punnett Squares & Complete Dominance
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	1. Notes/Note Check - Complete Dominance 2. Complete Dominance Practice 1 3. Work Time <ul style="list-style-type: none"> Unit 3 Test Corrections 	1. Complete Dominance Practice 2 2. Cornell Notes on Dihybrid Crosses

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	genotypes & phenotypes in complete dominance problems.	<ul style="list-style-type: none"> Complete Dominance Practice 2 Baby Dragon Genetics Lab Notes on Dihybrid Crosses 	
Thursday, April 8th	I can perform a dihybrid cross.	<ol style="list-style-type: none"> 1. Turn in Baby Dragon Genetics Lab & Correct Complete Dominance Practice 2 2. Note Check - Dihybrid Crosses 3. Dihybrid Practice - in class 4. Work Time <ul style="list-style-type: none"> Unit 3 Test Corrections Notes on Non-Mendelian Traits Complete Dominance Stations Extra Credit: Trihybrid Crosses 	<ol style="list-style-type: none"> 1. Cornell Notes on Non-Mendelian Traits 2. Complete Dominance Concept Check 3. OPTIONAL: Trihybrid Crosses Extra Credit (due Tue.)
Friday, April 9th	I can solve for offspring genotypes & phenotypes in incomplete dominance & codominance problems.	<ol style="list-style-type: none"> 1. Note Check - Non-Mendelian Traits 2. Incomplete & Codominance Practice 1 3. Work Time <ul style="list-style-type: none"> Unit 3 Test Corrections Dihybrid Concept Check Incomplete & Codominance Practice 2 Extra Credit: Trihybrid Crosses 	<ol style="list-style-type: none"> 1. Dihybrid Concept Check 2. Incomplete & Codominance Practice 2 3. OPTIONAL: Trihybrid Crosses Extra Credit (due Tue.)
Monday, April 12th	I can solve for offspring genotypes & phenotypes in sex-linked traits & multiple allele problems.	<p>Shortened Class Due to ASPIRE Testing</p> <ol style="list-style-type: none"> 1. Correct Incomplete & Codominance Practice 2 2. Sex-Linked Traits & Multiple Alleles Practice 1 Worksheets 3. Work Time <ul style="list-style-type: none"> Incomplete & Codominance Concept Check Sex-Linked Traits & Multiple Alleles Practice 2 Worksheets Extra Credit: Trihybrid Crosses 	<ol style="list-style-type: none"> 1. Incomplete & Codominance Concept Check 2. Sex-Linked Traits & Multiple Alleles Practice 2 Worksheets 3. OPTIONAL: Trihybrid Crosses Extra Credit (due Tue.)
Tuesday, April 13th	I can determine an individual's blood type.	<ol style="list-style-type: none"> 1. Turn in Trihybrid Extra Credit & Correct Sex-Linked Traits & Multiple Alleles Practice 2 Worksheets 2. Blood Type Lab (due Thur.) 	<ol style="list-style-type: none"> 1. Sex-Linked Traits & Multiple Alleles Concept Check 2. Cornell Notes on Pedigrees

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Wednesday, April 14th	I can create and interpret a pedigree.	<p>Shortened Class Due to ASPIRE Testing</p> <ol style="list-style-type: none"> 1. Note Check - Pedigrees 2. Pedigree Practice 1 3. Work Time <ul style="list-style-type: none"> • Finish Blood Type Lab • Extra practice on topics you received low concept check scores for • Extra Credit - Rudolph Pedigree • Pandemic Project 	<ol style="list-style-type: none"> 1. Study for Unit 4 Test 2. Extra Credit - Rudolph Pedigree (due Fri.)
Thursday, April 15th	I can create and interpret a pedigree.	<ol style="list-style-type: none"> 1. Turn in Blood Type Lab 2. Pedigree Practice 2 3. Work Time <ul style="list-style-type: none"> • Pedigree Concept Check • Extra practice on topics you received low concept check scores for • Unit 4 Test Review Packet • Pandemic Project • Extra Credit - Rudolph Pedigree 	<ol style="list-style-type: none"> 1. Pedigree Concept Check 2. Extra Credit - Rudolph Pedigree (due Fri.) 3. Study for Unit 4 Test
Friday, April 16th	I can demonstrate my knowledge of heredity.	<p>Shortened Class Due to ASPIRE Testing</p> <ol style="list-style-type: none"> 1. Turn in Rudolph Pedigree Extra Credit 2. Extra practice on topics you received low concept check scores for 3. Unit 4 Test Review <ul style="list-style-type: none"> • Unit 4 Test Review Packet • Kahoot 	<ol style="list-style-type: none"> 1. Study for Unit 4 Test
Monday, April 19th	I can demonstrate my knowledge of heredity.	Unit 4 Test	Watch Biology Before Darwin Crash Course Video