

Unit 3 Heredity: Learning Target Review for the Review Project (AP Classroom Unit 5)

Learning Target	Rating				
1. I can explain how meiosis results in the transmission of chromosomes from one generation to the next.	1	2	3	4	5
Your evidence:					
2. I can describe the similarities and/or differences between the phases and outcomes of mitosis and meiosis.	1	2	3	4	5
Your evidence:					
3. I can explain how the process of meiosis generates genetic diversity.	1	2	3	4	5
Your evidence:					
4. I can explain how shared, conserved, fundamental, processes and features support the concept of common ancestry for all organisms.	1	2	3	4	5
Your evidence:					

5. I can explain the inheritance of genes and traits as described by Mendel's laws.	1	2	3	4	5
Your evidence:					
6. I can perform chi-square hypothesis testing.	1	2	3	4	5
Your evidence:					
7. I can explain deviations from Mendel's model of the inheritance of traits (i.e. sex-linkage, linked genes, polygenic traits, mitochondrial inheritance, chloroplast inheritance, co-dominance, incomplete dominance, etc.)	1	2	3	4	5
Your evidence:					
8. I can construct linkage maps from recombination data.	1	2	3	4	5
Your evidence:					

9. I can explain how the same genotype can result in multiple phenotypes under different environmental conditions.	1	2	3	4	5
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Your evidence:

10. I can explain how chromosomal inheritance generates genetic variation in sexual reproduction.	1	2	3	4	5
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Your evidence: