

Genetics Unit 2

Timeframe:

Standards & Essential Question(s)	Student Friendly Daily Learning Targets	Resources	Critical Vocabulary	Assessments
<p>08-LS4-5 Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.</p> <p>08-LS3-1 Develop and use a model to describe why structural changes to genes (mutations) located on chromosomes may affect proteins and may result in harmful, beneficial, or neutral effects to the structure and function of the organism.</p> <p>How do humans influence the inherited traits of organisms?</p> <p>https://www.nextgenscience.org/sites/default/files/evidence_statement/black_white/MS-LS4-5%20Evidence%20Statements%20June%202015%2</p>	<p>I can: develop a model that shows how mutations can occur</p> <p>I can: use a model to explain how mutations affect organisms</p> <p>I can: gather and explain information about the technologies humans use to obtain desired traits in organisms</p>		<ul style="list-style-type: none"> ● mutations ● genetics ● DNA ● chromosomes ● traits ● natural selection ● inheritance ● cell ● structure ● variation ● sexual reproduction ● artificial selection ● selective breeding ● offspring ● generation ● phenotype ● genotype ● genetic modification ● animal husbandry ● gene therapy ● biological evolution ● diversity ● heredity 	

<p>0asterisks.pdf</p> <p>https://www.nextgenscience.org/sites/default/files/evidence_statement/black_white/MS-LS3-1%20Evidence%20Statements%20June%202015%20asterisks.pdf</p>			<ul style="list-style-type: none">• adaptation	
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