

Natural Selection Unit 3

Timeframe:

Standards & Essential Question(s)	Student Friendly Daily Learning Targets	Resources	Critical Vocabulary	Assessments
<p>08-LS3-2 Develop and use a model to describe why asexual reproduction results in offspring with identical genetic information and sexual reproduction results in offspring with genetic variation.</p> <p>08-LS4-4 Construct an explanation based on evidence that describes how genetic variations of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment.</p> <p>08-LS4-6 Use mathematical representations to support explanations of how natural selection may lead to increases and decreases of specific traits in populations over time.</p> <p>Why do some organisms survive when others don't?</p>	<p>I can: compare and contrast asexual and sexual reproduction.</p> <p>I can: use a model to predict the potential offspring from sexually reproducing organisms and asexually reproducing organisms.</p> <p>I can: make an evidence-based claim that supports the process of natural selection.</p> <p>I can: use a mathematical model as evidence for why traits in a population have increased or decreased over time.</p>		<p>continued from last unit</p> <ul style="list-style-type: none"> <li>● asexual reproduction</li> <li>● adaptation</li> <li>● natural selection</li> <li>● variation of traits</li> <li>● chormosomes</li> <li>● alleles</li> <li>● gene</li> <li>● identical</li> <li>● fraternal</li> <li>● probability</li> <li>● Punnett squares</li> <li>● population</li> </ul>	

How does natural selection influence future generations?

[https://www.nextgenscience.org/sites/default/files/evidence\\_statement/black\\_white/3-LS3-2%20Evidence%20Statements%20June%202015%20asterisks.pdf](https://www.nextgenscience.org/sites/default/files/evidence_statement/black_white/3-LS3-2%20Evidence%20Statements%20June%202015%20asterisks.pdf)

<https://www.nextgenscience.org/sites/default/files/MS-LS4-4%20June%202015.pdf>

[https://www.nextgenscience.org/sites/default/files/evidence\\_statement/black\\_white/MS-LS4-6%20Evidence%20Statements%20June%202015%20asterisks.pdf](https://www.nextgenscience.org/sites/default/files/evidence_statement/black_white/MS-LS4-6%20Evidence%20Statements%20June%202015%20asterisks.pdf)