

Priority Standard:	MS-LS4-6: Use mathematical representations to support explanations of how natural selection may lead to increases or decreases of specific traits over time.
Overarching Skills:	<p>We are able to read and construct histograms.</p> <p>We are able to apply data on histograms to explain how natural selection can cause an increase or decrease of specific traits over time.</p> <p>We are learning to identify adaptive and non-adaptive traits.</p> <p>Natural selection is the process by which the distribution of traits in a population changes over many generations.</p>
WALT:	We are learning to read and construct histograms.
Success Criteria:	<p>I can identify the independent and dependent variable on a histogram.</p> <p>I can use the proper scale on the y-axis when constructing a histogram.</p> <p>I can include a cause and effect title on my graph.</p> <p>I can label my x- and y- axes.</p> <p>I can correctly plot my data on the histogram.</p> <p>I can read a histogram to determine the variation and number of individuals in a population.</p>
WALT:	We are learning to apply data from histograms to explain how natural selection can cause an increase or decrease of specific traits over time.
Success Criteria:	<p>I can use the independent and dependent variables to interpret a histogram and how a population has changed over time.</p> <p>I can identify the adaptive trait on a histogram.</p>
WALT:	We are learning to understand the process of natural selection.
Success Criteria:	<p>I can explain that populations adapt, not individual organisms.</p> <p>I can argue that an adaptive trait can cause the variation of traits to change over time.</p> <p>I can explain that traits are adaptive based on their environment, and that the adaptive trait can change based on the environment.</p>