

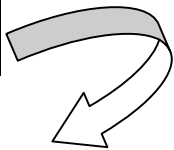
**Mrs. Patterson**

**Key Learning:** Living things change over time.



**Topic:**  
Evolution  
**Subject Area:**  
7<sup>th</sup> grade Life  
Science

**Student Learning Map**  
**Unit:# 3**

**Unit Essential Question:** Why do organisms change over time?



<b>Concept:</b> Fossil Record  <b>State Standard(s):</b> S7L5.C	<b>Concept:</b> Species change over time.  <b>State Standard(s):</b> S7L5.A	<b>Concept:</b> Natural Selection  <b>State Standard(s):</b> S7L5.B	<b>Concept:</b> Adaptations  <b>State Standard(s):</b> S7L5.B	<b>Concept:</b> Evidence to support evolution.  <b>State Standard(s):</b> S7L5.C	<b>Concept:</b>  <b>State Standard(s):</b>
<b>Lesson Essential Question:</b>  How do fossil records help scientists understand the history of life?  <b>Extended Learning:</b>	<b>Lesson Essential Question:</b>  How have the physical characteristics of organisms changed over time?  <b>Extended Learning:</b>	<b>Lesson Essential Question:</b>  How has natural selection led to the evolution of species?  <b>Extended Learning:</b>	<b>Lesson Essential Question:</b>  How do adaptations give organisms an advantage in their environment?  <b>Extended Learning:</b>	<b>Lesson Essential Question:</b>  What evidence do scientists have to support evolution?  <b>Extended Learning:</b>	<b>Lesson Essential Question:</b>  <b>Extended Learning:</b>



<b>Vocabulary:</b> Fossil record Fossil Sedimentary rock Relative dating Absolute age Endangered Threatened Extinct	<b>Vocabulary:</b> Evolution Inherited characteristics Darwin	<b>Vocabulary:</b> Natural selection	<b>Vocabulary:</b> Adaptations Camouflage Mimicry Venom	<b>Vocabulary:</b> Vestigial structures Homologous structures Ancestor	<b>Vocabulary:</b>
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<b>Example(s) of Assessment Item(s):</b>  How do scientists know that the first organisms were simple, unicellular organisms?	<b>Example(s) of Assessment Item(s):</b>  What is evolution?	<b>Example(s) of Assessment Item(s):</b>  What did Darwin observe in the finch population that supported his idea of natural selection?	<b>Example(s) of Assessment Item(s):</b>  How do adaptations help organisms capture prey and defend themselves?	<b>Example(s) of Assessment Item(s):</b>  Identify different types of evidence that today's scientists use to support the theory of evolution?	<b>Example(s) of Assessment Item(s):</b>
<b>Forms of Assessments:</b> Weekly Quiz Do Now Exit Ticket Oral questions Writing ro Win Assignments Fossil lad  <b>Additional Information:</b>	<b>Forms of Assessments:</b> Weekly Quiz Do Now Exit Ticket Oral questions Writing ro Win Peppered Moth activity Manipulatives  <b>Additional Information:</b>	<b>Forms of Assessments:</b> Weekly Quiz Do Now Exit Ticket Oral questions Writing ro Win Manipulatives  <b>Additional Information:</b>	<b>Forms of Assessments:</b> Weekly Quiz Do Now Exit Ticket Oral questions Writing ro Win Manipulatives Adaptation Activity  <b>Additional Information:</b>	<b>Forms of Assessments:</b> Weekly Quiz Do Now Exit Ticket Oral questions Writing ro Win ns Manipulatives  <b>Additional Information:</b>	<b>Forms of Assessments:</b>  <b>Additional Information:</b>

