

<b>Course: 3<sup>rd</sup> grade</b>			<b>Designated Six Weeks: 6th Six Weeks</b>		
<b>Unit: Rainforest Part II</b>			<b>Days to teach: 21 days</b>		
<b>TEKS</b>	<b>Guiding Questions/ Specificity</b>	<b>Sample Assessment</b>	<b>Vocabulary</b>	<b>Instructional Strategies</b>	<b>Resources/ Weblinks</b>

(10) Organisms and environments. The student knows that organisms undergo similar life processes and have structures that help them survive within their environments.

<p>3.10 (A) explore how structures and functions of plants and animals allow them to survive in a particular environment;</p> <p>3.10 (B) explore that some characteristics of organisms are inherited such as the number of limbs on an animal or flower color and recognize that some behaviors are learned in response to living in a certain environment such as animals using tools to get food; and</p> <p>3.10 (C) investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady bugs. <b>(SUPPORTING)</b></p>	<p><b>The 3<sup>rd</sup> grade focus for living systems should be The Rainforest</b></p> <p>3.10 (A) Characteristics help plants and animals survive.</p> <p>Describe characteristics that a macaw has that allow it to survive? ~<b>beak, bright colors, shape, body covering, position of eyes</b></p> <p>3.10 (B) Learned behaviors have to be taught. Inherited traits are traits that an organism is born with such as fur color.</p> <p>What are some learned characteristics of a jaguar? ~<b>how, when and where to hunt and drink</b></p>	<p><b>TMSDS: 3<sup>rd</sup> grade Curriculum Check</b></p> <p><b>Preparation for 5<sup>th</sup> grade Science STARR Test</b></p> <p><b>Sample Questions:</b></p> <p>1. Which one is a physical trait of the tree frog that enables to survive in the colorful plants of the rainforest?</p> <p>2. An animal has long, sharp teeth. What can you infer about the animal's niche?</p> <p>3. Create a t-chart of inherited and learned traits using an animal from the rainforest.</p> <p>4. Which is not part of the life of a tree?</p>	<p>ecosystem habitats interactions resources tropical rainforest nutrients survival environment metamorphosis adaptation camouflage mimicry instinct migration hibernation classification trait characteristic learned behavior inherited trait</p>	<p><b>Examples of Instructional Strategies</b></p> <p>K-W-L Journals Demonstration Graphic Organizers Lecture-Discussions Cooperative Learning Discovery Learning Simulations Learner Centered Approach</p> <p><b>Link to ELPS Instructional Strategies:</b> <a href="http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074a.html">http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074a.html</a> 2F/4D: Graphic Organizers; Visuals/Video 3E/3H: Question/Answer; Relationship QAR 4C: List/ Sort/Label</p>	<p><b>Simple Science CD</b> 3<sup>rd</sup> grade Folder: Rainforest Part 2 Activities # 1-21</p> <p><b>Harcourt Science Textbook Grade 3:</b> B 2-24: Where Animals are Found B 38-52: How Animals Depend on each other -you can also revisit the pages listed un the 5<sup>th</sup> 6 weeks</p> <p><b>MISD Teacher Wiki:</b> <a href="http://www.misd4science.pbworks.com">www.misd4science.pbworks.com</a></p> <p><b>FOSS Kits:</b> Earth Materials</p> <p><b>Websites:</b> <a href="http://www.pearsonsuccessnet.com">www.pearsonsuccessnet.com</a> Click on leveled readers. Choose one of the following titles. There is a link for each book for Instructional Materials. See Student Practice Page for an activity that complements the book. •Changing For Survival: Bird •Adaptations</p>
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	<p>What are some inherited characteristics? ~<b>walking, growling, nursing, coloring and patterning</b></p> <p>3.10 (C) Compare complete and incomplete metamorphosis.</p>	<p>5. Illustrate and compare the life cycle of a tree and a tree frog.</p>			<p><a href="http://safari.mansfieldisd.org/SA/FARI/montage">http://safari.mansfieldisd.org/SA/FARI/montage</a></p> <ul style="list-style-type: none"> <li>•All About Animal Adaptations by Schlessinger</li> <li>•Animal Disguises by Schlessinger</li> <li>•All About Animal Life Cycles by Schlessinger</li> <li>•Bill Nye: Genes by Disney</li> <li>•Characteristics of Animals by Schlessinger</li> </ul> <p><a href="http://www.prometheanplanet.com">www.prometheanplanet.com</a></p> <ul style="list-style-type: none"> <li>•Animal Adaptations by Kirsten Linsenbardt</li> <li>•Understanding Ecosystems by Cameron Park</li> <li>•What is Animal Adaptation?</li> </ul> <p><u>United Streaming Videos:</u>  <a href="#">13 minutes: Biome of the Rainforest</a></p> <p><a href="#">10 minutes: Diversity of Life in the Rainforest</a></p> <p><a href="http://sln.fi.edu/tfi/units/life/habitat/habitat.html">http://sln.fi.edu/tfi/units/life/habitat/habitat.html</a></p> <p><a href="http://mbgnet.mobot.org/">http://mbgnet.mobot.org/</a></p>

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