

<b>Course: 2<sup>nd</sup> grade</b>			<b>Designated Six Weeks: 6th Six Weeks</b>		
<b>Unit: Grasslands Biome</b>			<b>Days to teach: 28</b>		
<b>TEKS</b>	<b>Guiding Questions/ Specificity</b>	<b>Sample Assessment</b>	<b>Vocabulary</b>	<b>Instructional Strategies</b>	<b>Resources/ Weblinks</b>

(9) Organisms and environments. The student knows that living organisms have basic needs that must be met for them to survive within their environment.					
<p>2.9 (A) identify the basic needs of plants and animals;</p> <p>2.9 (B) identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration, hibernation, and dormancy of living things; and</p> <p>2.9 (C) compare and give examples of the ways living organisms depend on each other and on their environments such as food chains within a garden, park, beach, lake, and wooded area.</p>	<p><b><u>The focus of Organisms and their Environment TEKS should be on the Grasslands</u></b></p> <p>2.9 (A) What does a plant need to survive?</p> <p>What does an animal need to survive?</p> <p><b>Plants and animals need food, shelter, water, and space.</b></p> <p>2.9 (B) How do patterns of behavior help living things survive?</p> <p><b>Example- plants can do into a dormacy stage to survive harsh conditions.</b></p> <p>2.9 (C) How do plants and animals depend upon each other to meet</p>	<p><b><u>2<sup>nd</sup> grade End of Year Curriculum Check</u></b></p> <p><b>Sample Questions:</b></p> <p>1. What is one thing animals do not need?</p> <p>a. water b. space c. food d. gills</p> <p>2. Which living thing is a producer in the Grasslands?</p> <p>a. fish b. grass c. hawk</p> <p>3. Which of the following would be the best pollinator?</p> <p>a. bear b. bee c. fish</p> <p>4. Why is it important for animals to meet their basic needs?</p>	<p>grassland ( prairie) basic need growth behavior grasses blade environment organism plant photosynthesis migrate hibernate carnivore herbivore omnivore dormant nutrients energy food chain predator prey mammal burrow drought insect temperature precipitation living non-living</p>	<p><b><u>Examples of Instructional Methods:</u></b></p> <p>demonstrations discovery learning Journals/blogs graphic organizers learning centers read - alouds word sorts student generated questions KWL text connections</p> <p><b><u>Link to the ELPS Strategies:</u></b></p> <p><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></p> <p>2F - Visual/Video 3J - Graphic Organizers 2C- Instr. Conversation 2I - Question &amp; Answer 3D - Literature Circles 3I- Word Walls 3B - Word Sorts 5B - List, sort, and label 1A- KWL</p>	<p><b><u>Simple Science CD:</u></b> 2<sup>nd</sup> grade folder- Grasslands Daily Target Plans: Activity 1-26</p> <p><b><u>Harcourt Science Textbook Grade 2:</u></b> A4-14: Plant Growth A 24-30: Life Cycles B 4-14: Habitats B30-44: Changing Habitats</p> <p><b><u>FOSS Kits:</u></b> New Plants and Insects</p> <p><b><u>MISD Teacher Wiki:</u></b> <a href="http://www.misd4science.pbworks.com">www.misd4science.pbworks.com</a></p> <p><b><u>Safari Montage</u></b> Grasslands: All about the Deserts and Grasslands Animal World: Zebras All about deserts and Grasslands (ch. 7-9) MSB – Butterfly and the Bog Beast All about animal life cycle (cp.8)</p> <p><b><u>United Streaming</u></b> <a href="#">15 minutes: Prairie Dog: Survivor of the Grasslands</a> <a href="#">24 minutes: Grassland Biomes</a></p>

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	their needs? <b>Plants and animals make up the food chains in their ecosystem.</b>	5. Why do some animals have to hibernate?  6. All food chains begin with _____.		5D - Peer Editing 2C - Draw & Write 4I - Comp. Strategies 2F- Visuals & Video 1C - Word Walls 3B - List, sort, label 2E - Think a loud 2G - Draw & Write	<u>Websites</u> <a href="http://librarythinkquest.org/11922/habitats">Enchanted Learning - go to grassland biome</a> <a href="http://librarythinkquest.org/11922/habitats">http://librarythinkquest.org/11922/habitats</a> <a href="http://projectwild.org">http://projectwild.org</a> <a href="http://mbgnet.mobot.org">http://mbgnet.mobot.org</a>  <a href="http://www.nps.gov/serengeti">Serengeti - The National Park's Official Site</a>  <u>Literature</u> A Grassland Habitat by Bobbie Kalaman Explore the Grasslands by Kay Jackson Savanna Food Chains by Bobbie Kalman
(10) Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments.					
2.10 (A) observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs such as fins help fish move and balance in the water;  2.10 (B) observe, record, and compare how the physical characteristics of plants help them	2.10 (A) How do the parts of animals help it survive? <b>Animals have characteristics that help them meet their basic needs. Including (physical features)</b> <b>• Beaks, mouth with teeth type, Body</b>	<b>2<sup>nd</sup> grade End of Year Curriculum Check</b>  <u>Sample Questions:</u> 1.How does an arctic fox change its physical appearance?  2. What happens to a plant when its basic	grassland ( prairie) basic need growth behavior grasses blade environment organism plant photosynthesis migrate hibernate	<u>Examples of Instructional Methods:</u> demonstrations discovery learning Journals/blogs graphic organizers learning centers read - alouds word sorts student generated	<u>Simple Science CD:</u> 2 <sup>nd</sup> grade folder- Grasslands Daily Target Plans: Activity 1-26  <u>Harcourt Science Textbook Grade 2:</u> A4-14: Plant Growth A 24-30: Life Cycles B 4-14: Habitats B30-44: Changing Habitats <b>FOSS Kits:</b> New Plants and

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<p>meet their basic needs such as stems carry water throughout the plant; and</p> <p>2.10 (C) investigate and record some of the unique stages that insects undergo during their life cycle.</p>	<p><b>covering,</b></p> <p>2.10 (B) How do the parts of a plant help it survive?</p> <p><b>Plants have parts, or characteristics that help them meet their needs.</b></p> <p><b>Animals have parts, or characteristics that help them meet their needs.</b></p> <p>2.10 (C) What are some of the unique stages of an insect's life cycle?</p> <p><b>Some insects have unique stages of change during their life cycles-egg, larva, pupa, adult.</b></p>	<p>needs are not met?</p> <p>3. Where does a life cycle begin?</p>	<p>carnivore herbivore omnivore dormant nutrients energy food chain predator prey mammal burrow drought insect temperature precipitation living non-living</p>	<p>questions KWL text connections</p> <p><b><u>Link to the ELPS Strategies :</u></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 - Visual/Video 3J - Graphic Organizers 2C- Instr. Conversation 2I - Question &amp; Answer 3C- Structured Conversation 3D - Literature Circles 3I - Acct. Conversation Stems 3I- Word Walls 3B - Word Sorts 5B - List, sort, and label 1A- KWL 5D - Peer Editing 2C - Draw &amp; Write 4I - Comp. Strategies 2F- Visuals &amp; Video 4F- Vis. Lit. Frames/Graphic Organizers 3F - Accountable Conversation Stems</p>	<p>Insects</p> <p><b><u>MISD Teacher Wiki:</u></b> <a href="http://www.misd4science.pbworks.com">www.misd4science.pbworks.com</a></p> <p><b><u>Safari Montage</u></b> Grasslands: All about the Deserts and Grasslands Animal World: Zebras All about deserts and Grasslands (ch. 7-9) MSB – Butterfly and the Bog Beast All about animal life cycle (cp.8)</p> <p><b><u>United Streaming</u></b> <a href="#">15 minutes: Prairie Dog: Survivor of the Grasslands</a> <a href="#">24 minutes: Grassland Biomes</a></p> <p><b><u>Websites</u></b> <a href="#">Enchanted Learning - go to grassland biome</a> <a href="http://librarythinkquest.org/11922/habitats">http://librarythinkquest.org/11922/habitats</a> <a href="http://projectwild.org">http://projectwild.org</a> <a href="http://mbgnet.mobot.org">http://mbgnet.mobot.org</a></p> <p><a href="#">Serengeti - The National Park's Official Site</a></p>

## Science

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				3G - Question Answer 1C - Word Walls 3B - List, sort, label 1A - KWL 2E - Think a loud 2G - Draw & Write	<b>Literature</b> <u>A Grassland Habitat</u> by Bobbie Kalaman <u>Explore the Grasslands</u> by Kay Jackson <u>Savanna Food Chains</u> by Bobbie Kalman