




Mrs. Huff's Lesson Plan 2– Plants of Texas

Date: June 2006	Objectives	Procedures	Materials
<p style="text-align: center;">Reading</p> 	<p>TSW (the student will) answer critical thinking questions 4.10K contrast ideas across text and media 4.11D; recognize different organization of information 4.12B; use charts to organize information 4.13B produce reports using visuals to support meaning 4.13F (see below)</p>	<p>Read about the “Edible Plants” of Texas in the Texas Parks and Wildlife article on Native Americans pp.14-15. Answer the critical thinking questions on the Edible Plant Fact Sheet.</p>	<p>Edible Plant Fact Sheet</p> <p>Arboretum Virtual Tour</p>
<p style="text-align: center;">Writing</p> 	<p>TSW produce reports using visuals to support meaning 4.13F determine purpose for listening for information 4.1A connect informational ideas through listening and writing 4.4A; use the writing process for assigned writing 4.19A-H</p>	<p>Students will listen to the guide’s explanation of rope making and take notes. Using the writing process, write a “How To” composition sequencing the steps of making a cattail rope. Include illustrations to go along with the steps of the process.</p>	<p>Thumbnail pictures of Native American Plants-http://titan.sfasu.edu/%7Ef_vankleyje/gallery/GALLERY.HTM</p> <p>Arboretum Virtual Tour</p>
<p style="text-align: center;">Social Studies</p> 	<p>TLW create written and visual material 4.23D; translate geographic data into a variety of formats 4.6B; describe ways people adapted to and modified their environment 4.9A; describe Native American regional plant life 4.1A</p>	<p>Student will pretend they are botanists. They will choose one plant from the virtual tour to sketch in its native surroundings. Include labels, habitat information (regional location) and plant uses.</p>	<p>Arboretum Virtual Tour</p> <p>Thumbnail pictures of Native Plants-http://titan.sfasu.edu/%7Ef_vankleyje/gallery/GALLERY.HTM</p>

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<p>Math</p>	<p>TSW identify the mathematics in everyday situations 4.14A; select or develop an appropriate problem solving strategy, including drawing a picture 4.14C; use addition and subtraction to solve problems 4.3A; model factors and products using area models 4.4A</p>	<p>Plan your own garden. Make a 4 inch by 5 inch plot. Divide it into 4 equal sections. Place four different Texas plants in each section. Using this garden plan, answer the math problems on the Garden Math Sheet.</p>	<p>Garden Math Sheet</p> <p>Thumbnail pictures of Native American Plants-http://titan.sfasu.edu/%7Ef_vankleyje/gallery/GALLERY.HTM</p>
<p>Science</p>	<p>TSW identify and describe organisms in living systems 4.5A; identify characteristics which allow survival and reproduction of a plant 4.8A compare various species of plants 4.8B</p>	<p>Student will pretend they are botanists. They will choose one plant from the virtual tour to sketch in its native surroundings. Label the parts of the plant, its nutritional requirements and the purpose of each part.</p>	<p>Arboretum Virtual Tour</p> <p>Thumbnail pictures of Native American Plants-http://titan.sfasu.edu/%7Ef_vankleyje/gallery/GALLERY.HTM</p>
<p>Enrichment</p>	<p>TSW design original artwork 4.2B; use problem solving to implement a solution and evaluate effectiveness 4.24.A use the decision making process, gather information and take action to implement a decision 4.24B</p>	<p>Make a Native Texas Plants Garden: using the information you have gained from the above activities, choose at least 5 Native Texas plants. View each of the garden plans from the math lesson above and choose one plan to recreate in a small area outside your classroom. Be sure to read the research given for each plants needs.</p>	<p>http://texashistory.unt.edu/young/browse/subject/Texas_Landscape_and_Nature/?start=51</p> <p>Thumbnail pictures of Native American Plants-http://titan.sfasu.edu/%7Ef_vankleyje/gallery/GALLERY.HTM</p>

Name: _____

Date: _____

Edible Plants Fact Sheet



1. List 5 edible plants mentioned in this article.

1. _____
2. _____
3. _____
4. _____
5. _____

2. Choose three of the plants listed above. Make a list of uses for this these plants:

Plant	Use	Use	Use	use

3. Describe how you would prepare a Sotol (P.16) plant for eating.

4. Think of a plant not mentioned in this article which has several uses. Describe it below. Hint– several are mentioned in the virtual tour of the Arboretum in Nacogdoches.

