



LESSON PLAN: Waste Not, Want Not

<p>MD Social Studies VSC Standards - 4th grade</p>	<p>Standard: Peoples of the Nations and World Topic: Elements of Culture Indicator: Describe the various cultures of early societies in Maryland.</p> <p>Standard: History Topic: Settlement and Beginnings of New Societies Indicator: Describe Native American societies indigenous to Maryland</p> <p>Standard: Geography Topic: Modifying and Adapting the Environment Indicator: Describe how people adapt to, modify and impact the natural environment</p>
<p>Objective:</p>	<p>Students will:</p> <ul style="list-style-type: none"> • Compare and describe the elements of culture including shelter, recreation, education, oral traditions, art, music and language of Native American societies. • Through interaction with reproduction Woodland Indian items and discussions concerning everyday lives to gain understanding of indigenous people survived in the past without modern technologies. • Describe the ways the Woodland Indians adapted to and modified the natural environment in order to survive. Discuss the possible consequences of these modifications
<p>Grade Level:</p>	<p>3rd – 5th</p>
<p>Length of Lesson:</p>	<p>30 – 45 minutes</p>
<p>Overview:</p>	<p>This lesson will use class discussion, hands-on investigation of replica tools and objects, and a Venn diagram to examine how Woodland Indians used the resources in their environment.</p>
<p>Teacher Background:</p>	<p>The Native Americans knew their environment very well. They paid close attention to animal trails, the seasons, and locations where various food resources could best be found. Because they relied so heavily upon their environment, Woodland Indians used resources frugally and little went to waste. One of the most important resources in their environment that they used was the white-tailed deer.</p> <p>Deer were to the Eastern Woodland Indians what the buffalo (Bison) were to the Western Plains Indian tribes. A deer carcass could provide nearly everything a Woodland Indian needed in order to survive. In addition to supplying a large amount of meat, every deer had a skin, inner organs, bones, hooves and antlers that were useful for survival. The white-tail deer was a department store on legs.</p> <p>Food Meat could be grilled, added to a stew or dried for jerky and pemmican Some organ meats such as the heart and liver were also eaten</p>



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	<p>Deer fat was used in cooking Marrow from the inside of bones was eaten</p> <p>Hides were tanned to make: Clothes Moccasins Robes Bags or sacks Tents and mats Cordage Scraps were boiled to make glue</p> <p>Sinew (came from tendons in the legs and back) Binding stone tools to handles Bow strings Tying up bundles and bags Sewing clothes and moccasins</p> <p>Bones Awls needles scrapers fishhooks garden hoes (scapula or shoulder bone)</p> <p>Antlers Sharpened into arrowheads or spear points Pressure flakers for making stone tools Tent pegs Wedges for splitting wood for basket making</p> <p>Hooves Boiled to make glue Dried hooves tied to a stick as a rattle</p> <p>Other Brain tissue used to soften hides during tanning Bags were made out of the stomach or bladder</p>
Lesson Procedure:	<ol style="list-style-type: none">1. Ask students to consider “What are the basic needs of every human?” [food, water, clothing, shelter] Discuss how people without 21st century technology would obtain these necessities.2. Using the laminated image of a white-tailed deer, talk about how important this one animal was to the Woodland Indians. Ask the students what they think the



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	<p>different parts of the deer could be used for. Use the replica tools and objects listed in the materials section to illustrate this discussion.</p> <p>3. Ask the students to complete the Waste Not, Want Not worksheet listing all the uses of white-tailed deer.</p>
Materials:	<p>Objects</p> <ul style="list-style-type: none">Elk Antler billet (hammer)Deer Antler pressure flakerHafted scraperHafted knife or Arrow (Sinew)Fishhook & lineTanned deer hideBone flesherBone beamerAwlNeedleRattle <p>Images</p> <p>White-tailed Deer</p> <p>Worksheet Waste Not, Want Not.</p>