

Maple Sugaring Among the Delaware

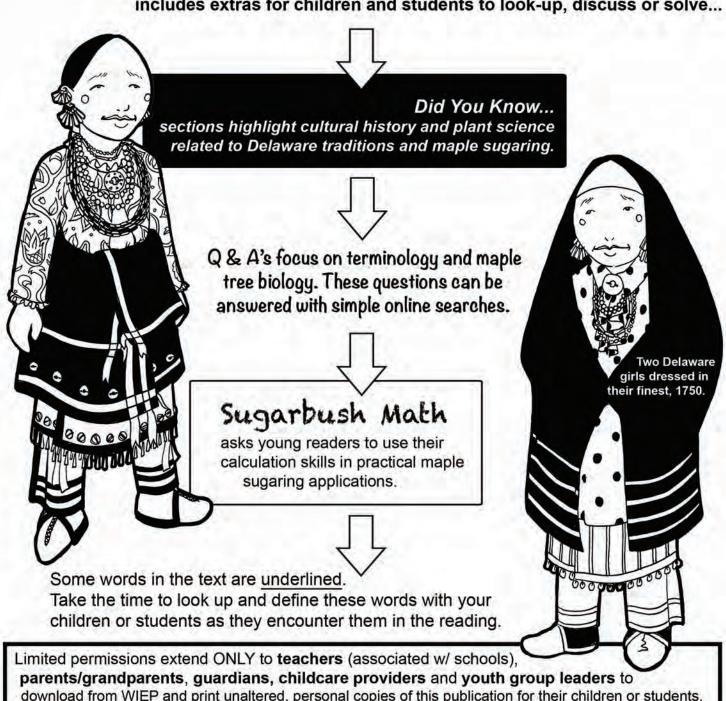
An Illustrated Reading Highlighting the Native Tradition of Sugar-Making

# Maple Sugaring Among the Delaware

#### Context of Illustrations and Time Period of Story

This educational story focuses on the Delaware tradition of maple sugaring during the later half of the 18th century. The illustrations depict common Delaware material culture - tools, utensils, housing, clothing and appearance - from 1750 to 1800. This story highlights a cultural tradition in historical context.

> More than an illustrated reading, Maple Sugaring Among the Delaware includes extras for children and students to look-up, discuss or solve...

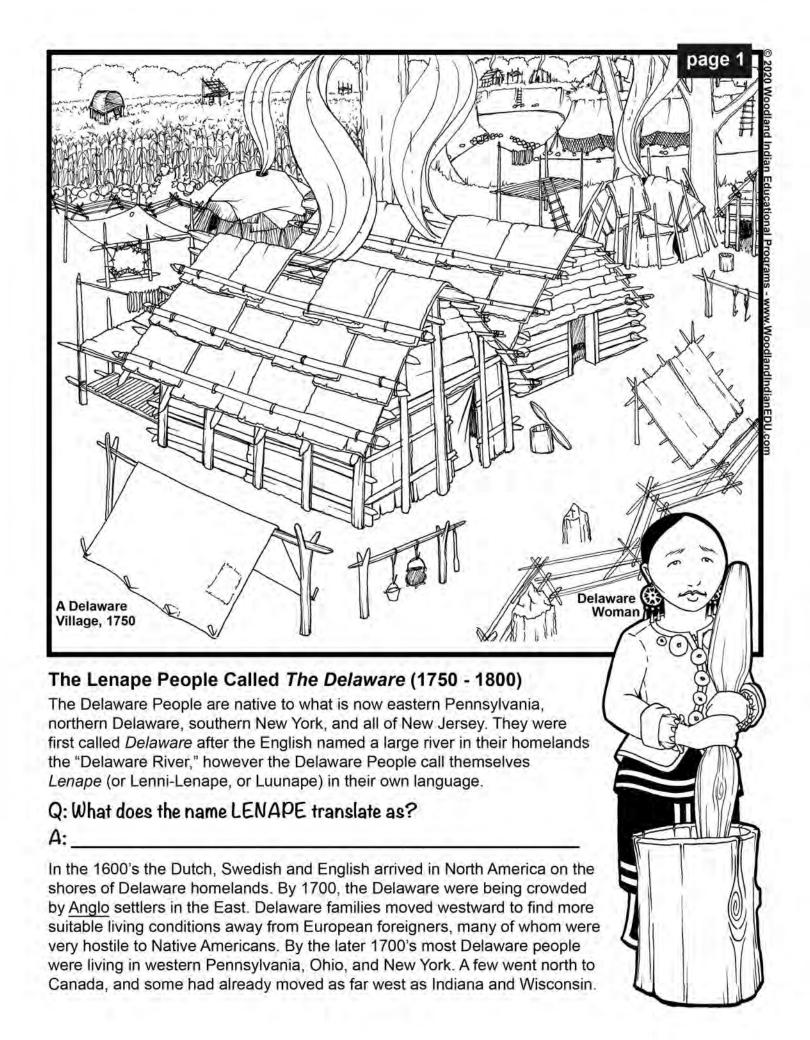


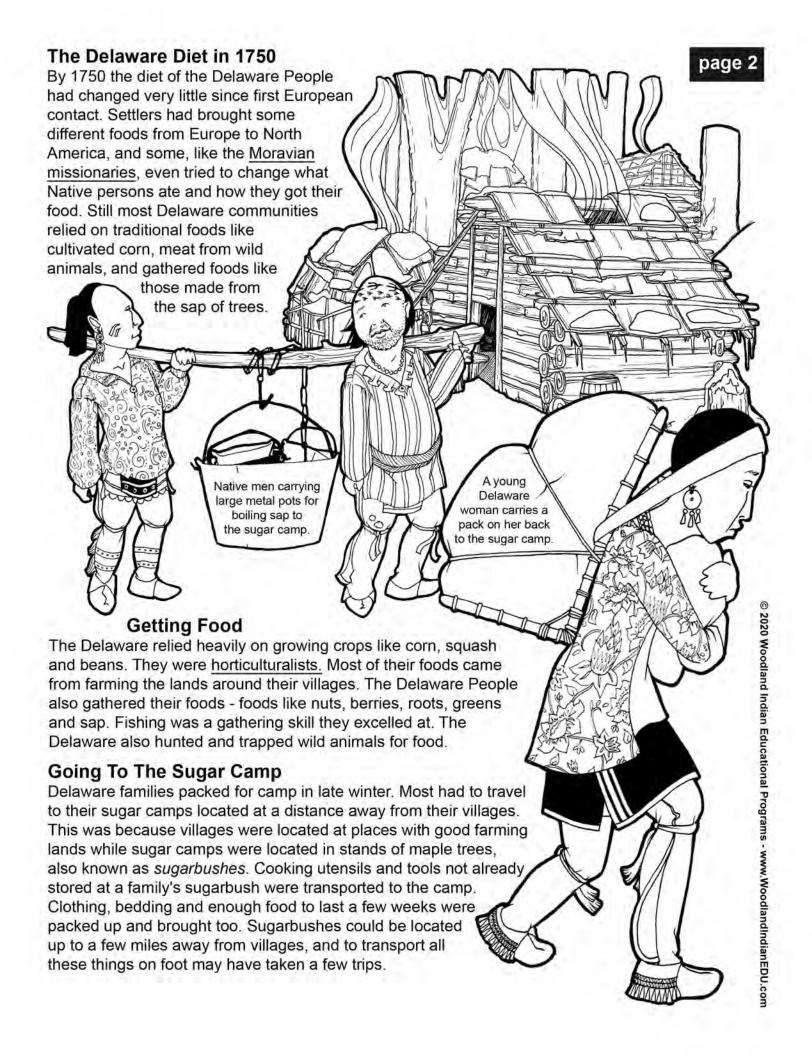
download from WIEP and print unaltered, personal copies of this publication for their children or students.

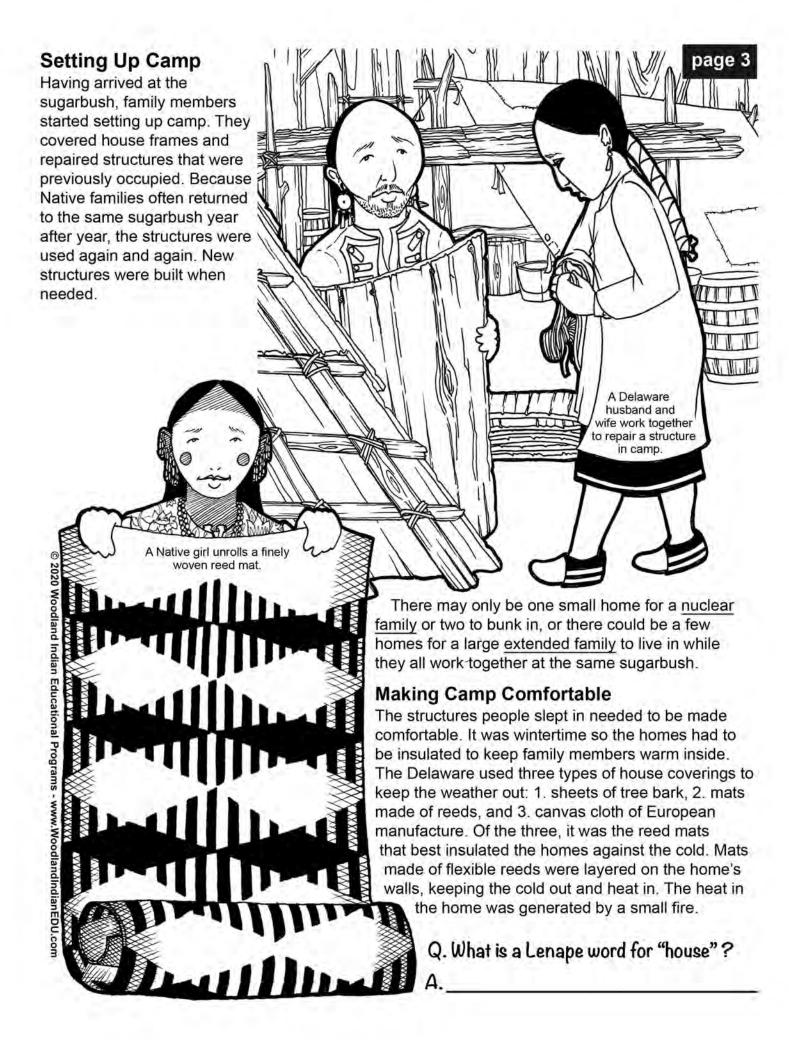
Permissions DO NOT extend to businesses or vendors, events, parks, museums or other organizations, etc. DO NOT distribute. DO NOT upload electronically or post any part of this publication online (including blogs).

© 2020 Woodland Indian Educational Programs

2020 WIEP online resource, revised from original 2010 Classroom Resource on CD-ROM Maple Sugaring Among the Delaware







#### Unpacking and Repairing

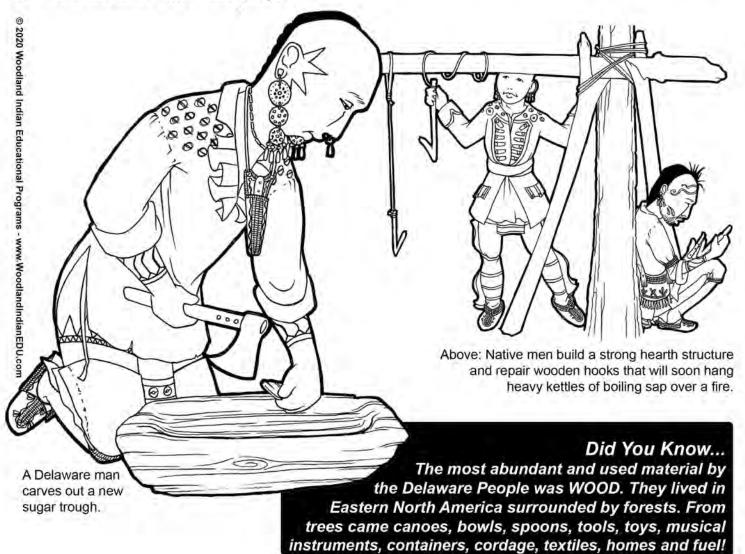
page 4

Before the first tree was tapped, all the sugaring equipment and tools had to be unpacked. Many of the tools and utensils were previously stored at the sugar camp. For example, sap catching pails were specialized utensils only needed in the sugaring season, so if a Delaware woman owned 100 sap catching vessels, she could just store them at the sugar camp rather than transporting them to and from her village. They were carefully stored below ground in lined pits, or packed away in small storage structures. Any utensils that did not have use outside of the sugar camp, like large wooden troughs and barrels used for holding sap, could all be stored in camp.

Other items that were used year-round like metal pots, hatchets, stirring paddles, pot hooks and more, were brought to camp and unpacked. With everything accounted for, any utensil that needed repair or replaced was tended to. Kettles were scrubbed, pot hangers were repaired and bark buckets were mended.

#### Collecting Firewood

Gathering firewood was of the upmost importance. So much wood was necessary to keep the sap hot and boiling all day and night. A person could be fully occupied in just this one task for the whole sugar season. Delaware women were in charge of the cooking fires. They mainly collected branches and limbs that fell from trees to the forest floor. Children too gathered firewood to help their mothers and aunts, and Native men dragged in the large heavy limbs. Ladies used their hatchets to break up branches and limbs into smaller pieces.





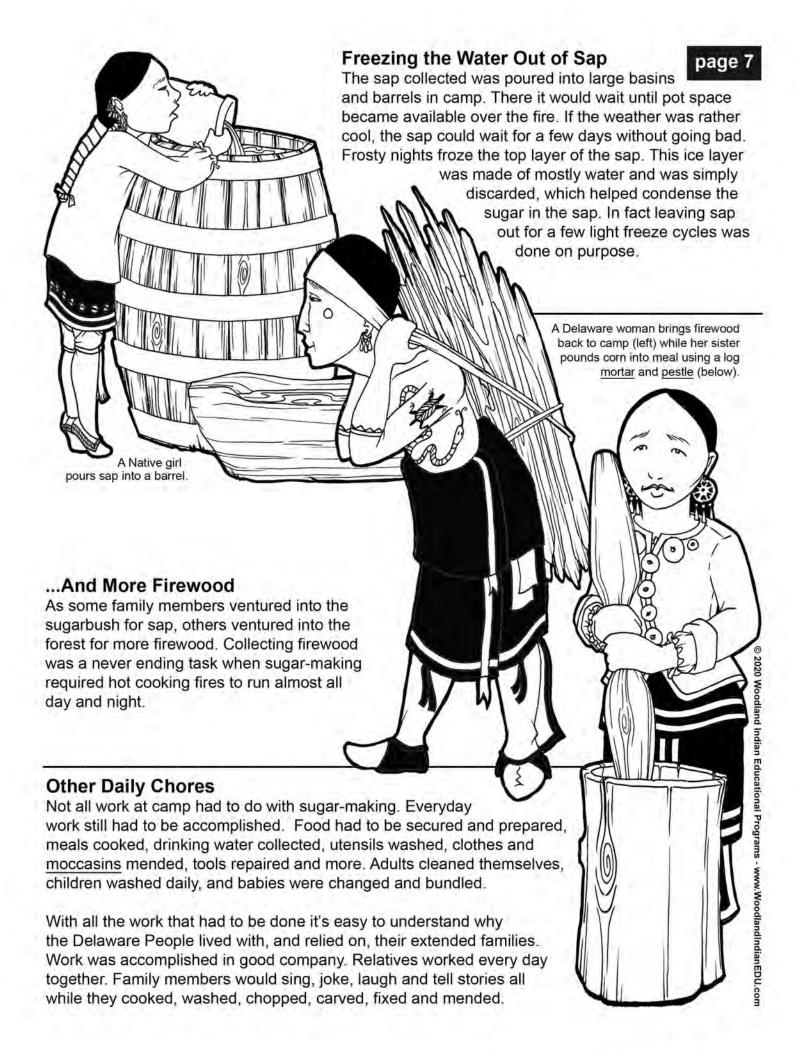
#### Collecting Sap

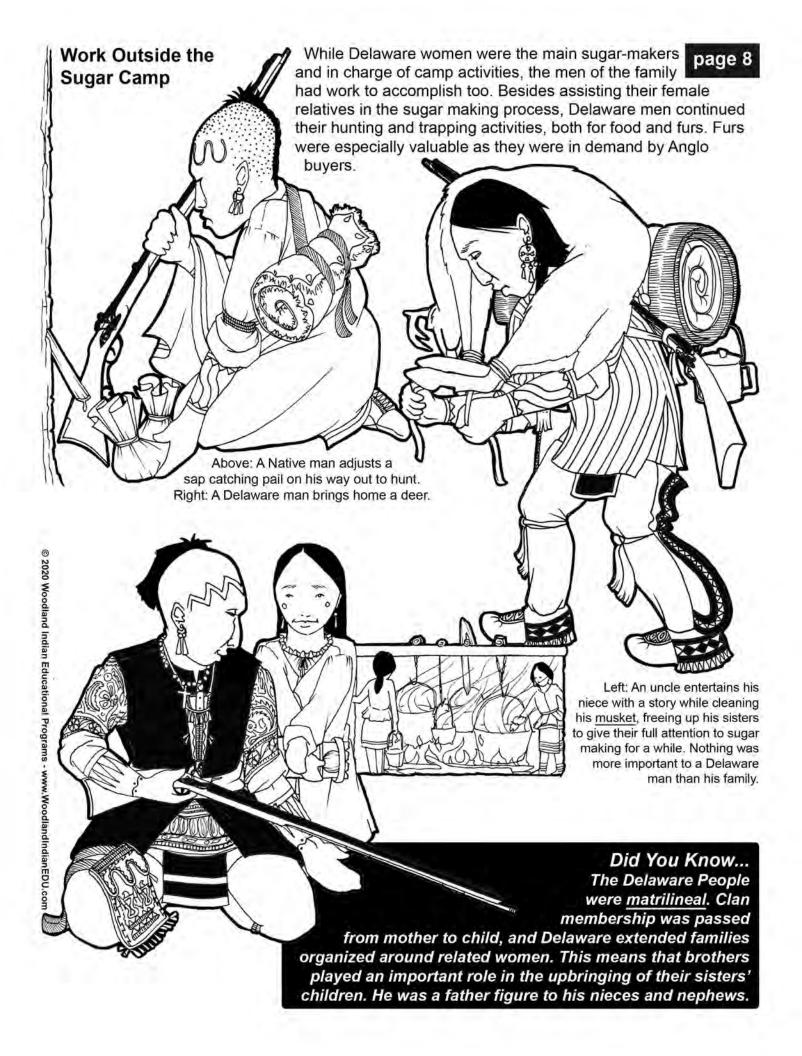
page 6 Native American sugarbushes could have up to 200 trees tapped, though most families tapped fewer. How many trees were tapped depended on the number of maple trees in a sugarbush, the number of persons working in a sugarbush, and how much maple sugar was desired.

Larger trees could be tapped more than once, and each tap could produce a gallon of sap on a good day. Sap was collected every day. This means that if a sugarbush had 100 taps that produced well, about 100 gallons of sap needed to be collected in a single day's time. And collecting sap was all done by hand and on foot.

Most family members had a role in collecting sap. If old enough, children could check the taps and transport small buckets of sap back to camp. Smaller sap pails were emptied into larger carrying buckets. The larger the bucket, the heavier they were filled with sap. Older youth and able-bodied adults carried larger buckets of sap back to camp. Buckets were carried by hand or sometimes with the aid of European-style yokes. Some Delaware persons may have even used toboggans to help transport sap back to camp, just like their Native neighbors to the north did.







**Processing The Sap** 

Pots made of copper, brass, and iron were filled with tree sap and hung over the fire. The sap boiled, evaporating the water content of the sap. Sap then condensed to syrup. When cooked further to a high temperature, it became maple sugar. This process took many, many hours. Day and night the sap was heated over fire. Family members took turns watching the pots, making sure the sap was hot enough, the syrup didn't boil over, and the sugar didn't burn. Women in charge of sugar-making kept the fires hot with a constant supply of wood.

# Sugarbush Math

It takes about 40 gallons of sap to make 1 gallon of syrup. Write this as a ratio.

Using the amount of sap collected in your answer on page 6, how many full gallons of syrup could be made?

A Native woman tends to her pots filled with sap over the fire.

#### Did You Know...

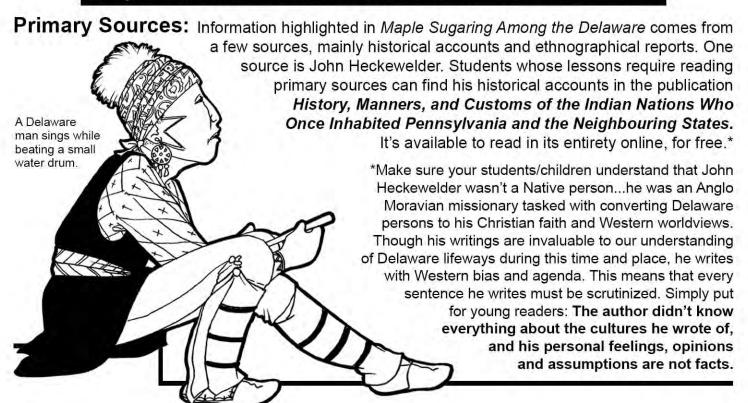
Before Europeans came to North
America, the Delaware People cooked
in earthenware pots. They made these
vessels from clay mixed with ground shell,
stone, or sand. Clay pots were filled with
corn porridges, squash puddings, hominy,
greens, venison stews, berry drinks, teas
and other foods, then placed over
a fire to cook. By 1750 the Delaware
had adopted Anglo-made metal pots
acquired in trade. Like the pottery they
made previously, they cooked all their
foods in copper, brass, and iron kettles.

A Delaware mother, with her daughter and son-in-law, browse through trade goods laid out on a blanket.





### Maple Sugaring Among the Pelaware Post-Reading Materials



"...THEY GO TO THEIR SUGAR CAMPS,... THE MEN HAVING BUILT OR REPAIRED THEIR TEMPORARY CABIN, AND MADE ALL THE TROUGHS..., THE WOMEN COMMENCE MAKING SUGAR, WHILE THE MEN ARE LOOKING OUT FOR MEAT, AT THIS TIME GENERALLY FAT BEARS... WHEN AT HOME, THEY WILL OCCASIONALLY ASSIST THEIR WIVES IN GATHERING THE SAP, AND WATCH THE KETTLES IN THEIR ABSENCE, THAT THE SYRUP

MAY NOT BOIL OVER." -JOHN HECKEWELDER

Post-Reading Worksheets Included in this Packet:

- Forced Migration, Removals & Displacement (online searches can help children answer the questions)

- The Delaware Clan System

Limited permissions extend ONLY to teachers (associated w/ schools),

parents/grandparents, guardians, childcare providers and youth group leaders to download from WIEP and print unaltered, personal copies of this publication for their children or students.

Permissions DO NOT extend to businesses or vendors, events, parks, museums or other organizations, etc. DO NOT distribute. DO NOT upload electronically or post any part of this publication online (including blogs).

© 2020 Woodland Indian Educational Programs

2020 WIEP online resource, revised from original 2010 Classroom Resource on CD-ROM Maple Sugaring Among the Delaware

An expectant mother, this Delaware lady sits down to rest and listen to the man's singing.

# Forced Migrations, Removals & Displacement



- 1. What state is fully engulfed by Delaware homelands?
- 2. Name at least one other state that has areas of Delaware homelands.
- 3. In what general direction did the Delaware People move from 1700 to 1900?
- 4. Why did most Delaware People have to move away from their eastern homelands? \_\_\_\_\_

Name	Date
Forced Migrations, Removals & Displacement continued. Online searche	es will help you answer these questions.
5. What does "forced migration" mean?	<b>\\</b>
6. Look up and define "colonialism?" How did European color Native Peoples like the Delaware?	<u>ā</u>
7. Delaware communities were already settling more and more <i>Indian Removal Act</i> was signed into law in 1830. What did this act	
mulan Nemoval Act was signed into law in 1830. What did this act	establish and for what purpose?  Woodland Indiane Durpose?
8. Name the three U.S. federally-recognized Native American tri that resulted of Delaware communities being removed westwa (clue: two are located in Oklahoma, and one in Wisconsin).  1	ard —
9. How many Delaware persons are there today whose ancestowere displaced from their eastern homelands to the Midwestern United States and Canada? Circle the answer below.  A. Less than 5,000 B. 5,001 to 10,000 C. More than 10,000  10. The Delaware are a Woodlands tribe because they come from the Eastern Woodlands region. The Eastern Woodlands region encompasses most U.S. land east of the Mississippi River. Name five more Woodlands tribes/communities that were relocated to Indian Territory from east of the Mississippi River  1	
4 5	A Delaware sister and brother dressed in their finest, 1830.

- 2. The children in bracket E and G belong to the turtle clan. Why can E pass along their clan name to their future children but G cannot?
- 3. The boys in bracket G will need to learn skills as they grow up, so they may become productive members of their Delaware community. These brothers will be taught a lot by both their father (D) and their uncle (C). The Delaware uncle loves all his nieces and nephews, but based on what you have learned about the Delaware clan system, why do you suppose a *maternal* uncle takes special care to help raise his sister's children?