

Learning About Mars

Fill in the circle to complete the sentence. Then answer questions 3 and 4.

1. The *Curiosity Rover* looks for _____.

- (A) pictures of Mars
- (B) messages
- (C) signs of ancient life

2. Scientists give orders to *Curiosity* _____.

- (A) by telephone
- (B) electronically
- (C) with cameras

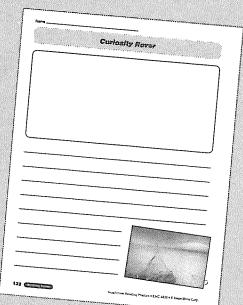
3. Why do you think “*Curiosity*” was chosen as the name for the rover?

4. If you could name a Mars rover, what name would you give it? Tell why.

Write About the Topic

Use the Writing Form to draw and write about what you read.

Draw the *Curiosity Rover*. Write to tell where *Curiosity* is and how scientists control it.



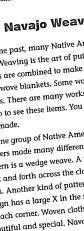
Native American Weaving

Level 1

Words to Know list, Reading Selection, and Reading Comprehension questions

Level 2 ■ ■

Words to Know list, Reading Selection, and Reading Comprehension questions

	<p>Name _____</p> <p>Navajo Weaving Designs</p> <p>Fill in the circle to complete.</p>
 <p>Navajo Weaving Designs</p>	
<p>In the past, many Native American people were different items. Weaving is one of putting threads together. The threads are combined to make cloth. Some Native American artists wove blankets. Some wove rugs. Others wove clothes or blankets. There are many works of woven art in museums. You can go to see these items. You will learn more about how they were made.</p> <p>One group of Native Americans is the Navajo. Navajo weavers weave many different designs, or patterns. One pattern is a wedge weave. A wedge weave has lines that go back and forth across the cloth. The lines look like lightning bolts. Another kind of pattern is the star pattern. This design has a large X in the middle. More lines go from the X to each corner. Woven cloth is beautiful and special. Navajo artists are still making it today.</p>	
 <p>Navajo wedge weave blanket</p>	 <p>Navajo star pattern blanket</p>
<p>Native American Weaving 146 Native American Weaving</p>	

Level 3

Words to Know list, Reading Selection, and Reading Comprehension questions

Assemble the Unit

Reproduce and distribute one copy for each student:

- Visual Literacy page: Weaving Supplies, page 141
 - Level 1, 2, or 3 Reading Selection and Reading Comprehension page and the corresponding Words to Know list
 - Graphic Organizer of your choosing, provided on pages 180–186
 - Writing Form: Native American Weaving, page 142

Introduce the Topic

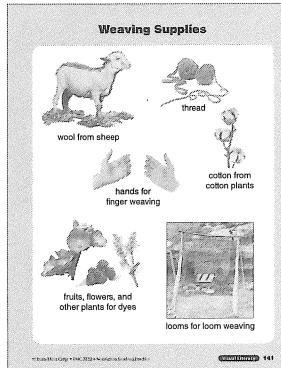
Explain that weaving is one way people make cloth for clothes, blankets, or other beautiful items. Review the supplies needed to make traditional Navajo blankets. Explain that Native American weavers may use ground-up plant parts to make colorful dyes.

Read and Respond

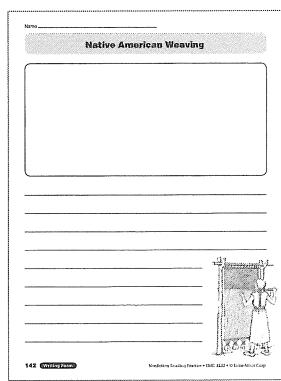
Form leveled groups and review the Words to Know lists with each group of students. Instruct each group to read their selection individually, in pairs, or as a group. Have students complete the Reading Comprehension page for their selection.

Write About the Topic

Read aloud the leveled writing prompt for each group. Tell students to use the Graphic Organizer to plan their writing. Direct students to use their Writing Form to respond to their prompt.



Visual Literacy



Writing Form

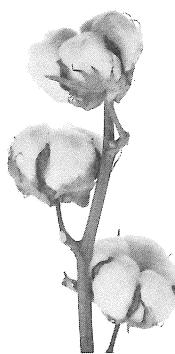
Weaving Supplies



wool from sheep



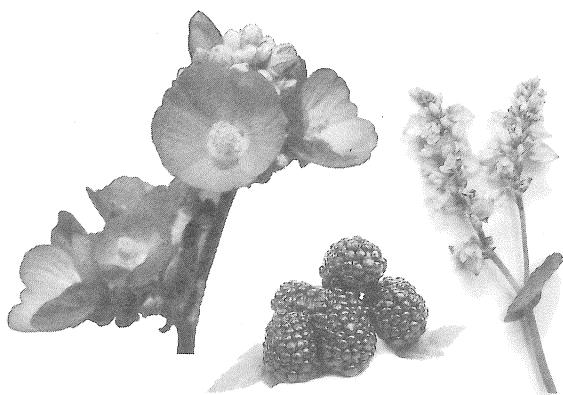
thread



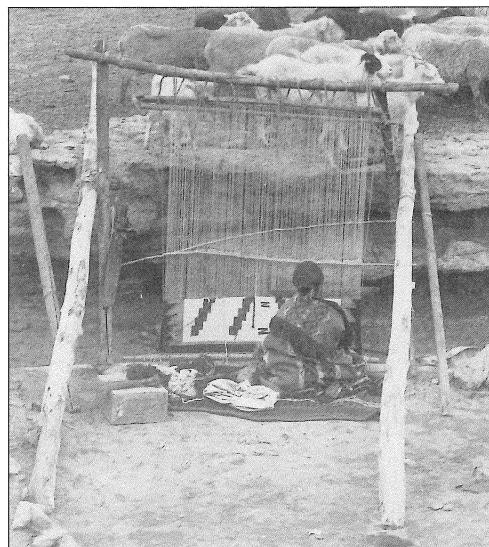
cotton from
cotton plants



hands for
finger weaving



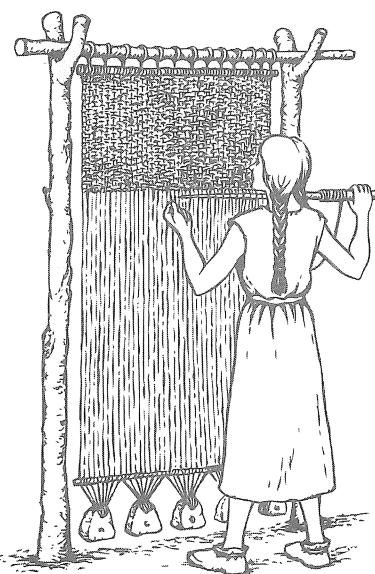
fruits, flowers, and
other plants for dyes



looms for loom weaving

Name _____

Native American Weaving



Words to Know
**Navajo Chief's
Blankets**

art
weaving
thread
cloth
Navajo
Native Americans
designs
patterns
chief's blanket
phase

Native American Weaving



Words to Know
**Navajo Weaving
Designs**

Native American
wove
art
threads
cloth
artists
woven
museums
Navajo
designs
wedge weave
lightning bolts

Native American Weaving

Words to Know
**Native American
Artists**

Native American
artists
museums
Navajo
weaving
wool
wove
frames
looms
patience
thread
dye

Native American Weaving

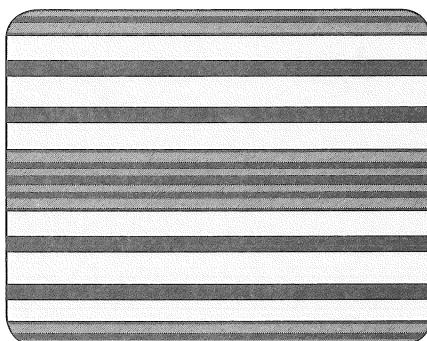


Navajo Chief's Blankets

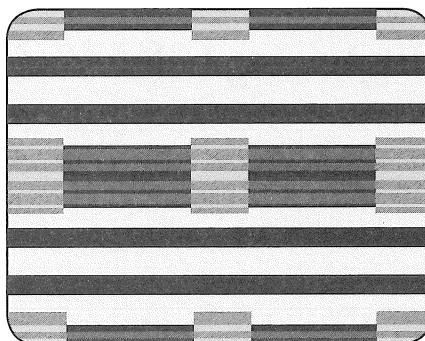
There are many different ways that people make art. Weaving is one kind of art. People who weave put thread together to make cloth. Weavers can make blankets. They can make clothes. People can weave beautiful and useful things.

The Navajo people are Native Americans. The Navajo have been weavers for hundreds of years. Navajo weavers make beautiful designs, or patterns. Today's Navajo weavers still use designs from long ago. Some of the designs have changed. Some have stayed the same. Let's look at how one design has changed.

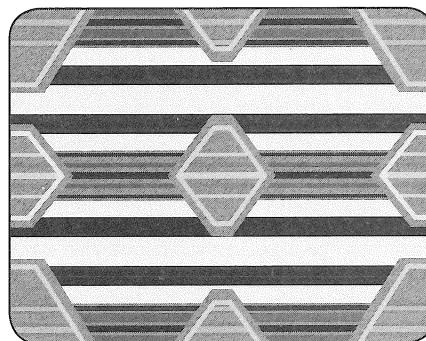
One type of Navajo blanket is called a chief's blanket. There are three kinds of these blankets. That is because the designs changed over time. Each kind has its own name.



A first-phase chief's blanket has simple stripes.



A second-phase chief's blanket has stripes. It also has rectangles.



A third-phase chief's blanket has stripes, diamonds, and half-diamonds. Sometimes, the diamonds have more patterns inside of them.

Navajo Chief's Blankets

Fill in the circle to complete the sentence. Then answer questions 3 and 4.

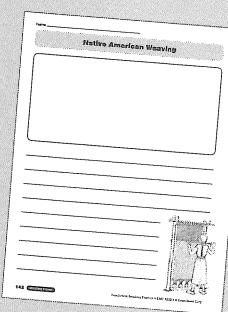
1. Weaving is the art of making _____.
Ⓐ cloth
Ⓑ paintings
Ⓒ stripes
2. A Navajo first-phase chief's blanket has _____.
Ⓐ rectangles
Ⓑ diamonds
Ⓒ stripes
3. How have Navajo chief's blankets changed throughout time?

4. Why do you think weavers still use designs from long ago?

Write About the Topic

Use the Writing Form to draw and write about what you read.

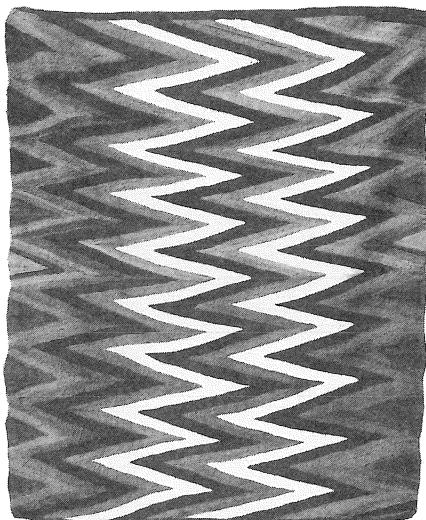
Draw a chief's blanket. Write to tell about Native American weaving.



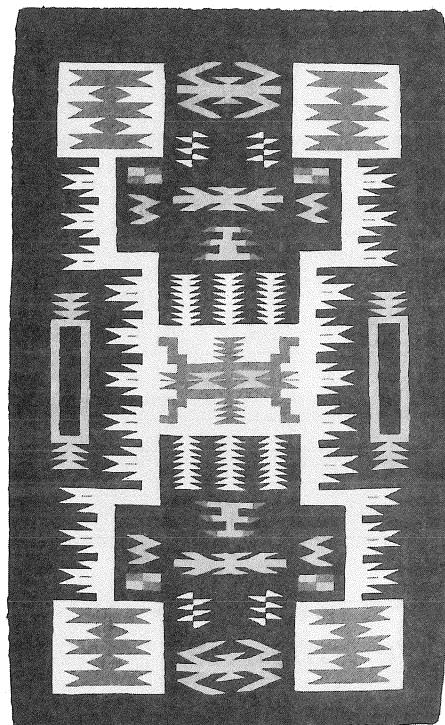
Navajo Weaving Designs

In the past, many Native American people wove different items. Weaving is the art of putting threads together. The threads are combined to make cloth. Some Native American artists wove blankets. Some wove rugs. Others wove clothes or baskets. There are many works of woven art in museums. You can go to see these items. You will learn more about how they were made.

One group of Native Americans is the Navajo. Navajo weavers made many different designs, or patterns. One pattern is a wedge weave. A wedge weave has lines that go back and forth across the cloth. The lines look like lightning bolts. Another kind of pattern is the storm pattern. This design has a large X in the middle. More lines go from the X to each corner. Woven cloth is beautiful and special. Navajo artists are still making it today.



Navajo wedge weave blanket



Navajo storm pattern blanket

Navajo Weaving Designs

Fill in the circle to complete the sentence. Then answer questions 3 and 4.

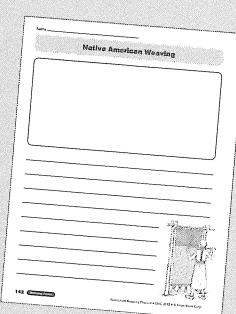
1. A _____ blanket has an “X” shape in the middle.
Ⓐ storm pattern
Ⓑ wedge weave
Ⓒ pattern
2. Different kinds of patterns on cloth are called _____.
Ⓐ baskets
Ⓑ designs
Ⓒ corners
3. What would you call the kind of artist who makes Navajo rugs?

4. What other name could you give to a wedge weave pattern?

Write About the Topic

Use the Writing Form to draw and write about what you read.

Draw a Navajo blanket. Write to tell about two kinds of Navajo weaving designs.



Native American Artists

You probably have a blanket on your bed. You might have a blanket on your couch. Blankets can be used to keep warm. They can also be works of art. Native American artists have been making colorful blankets for many years. You can see some old blankets in museums.

One group of Native American people is the Navajo. There are many examples of Navajo blankets from the past. Long ago, these artists made blankets by weaving wool. Some people wove using only their hands. Other people wove using large wooden frames. These frames are called looms.

It took a lot of time to weave a blanket. It also took patience. First, the weaver made the thread from sheep's wool. The weaver added colors to the thread with dye. Then the weaver made the blanket, one row at a time. Some Navajo artists still weave blankets today. People can buy new and old blankets.



This Navajo weaver uses a loom to work on a blanket.