

4th Grade

N.T.I. Day 4

Name: _____

Keep packet stapled together and turn in all work at the same time.

*Please contact us by email or remind,
between the hours of 8:00AM-3:00PM, if
your child needs help on an assignment.*

Teacher Email Addresses

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YOU CAN DO
anything

Remind

Send a text to: **81010**
Text this message: **@4cdd27**

NTI Day 4

Physical Education (PE) Bingo

B I N G O

5 squat jumps	10 side to side jumps	5 plank jacks	5 burpees	10 high kicks
5 calf raises	5 side lunges	10 forward jumps	10 second imaginary rope	5 sumo squats
5 lunges	10 scissor kicks	Free!	10 mountain climbers	5 push ups
10 star crunches	30 jog on the spot	10 crunches	10 torso twists	10 hammer fists
10 arm raises	5 knee ups	5 arm circles	10 toe touches	5 Russian twists

Directions: Read the text and answer the questions. You should use complete sentences with capital letters and correct punctuation. Make sure you restate the question.

On number 5, you should answer with at least 5 sentences.

LITERARY TEXT: CHARACTER

A Girl Called N.V.

N.V. is what everyone called Niki Veronica. Besides being her initials, her nickname was perfect because she was so full of **envy**. Whenever someone had something, N.V. always wanted it. Jan got a new bracelet. N.V. wanted it. Jabir got a pet fish. N.V. wanted it. Alison got a cool yo-yo. N.V. wanted it.

But then Danny got chicken pox. "I want it," said N.V.

This was just plain weird. So Sammi asked, "Do you even know what chicken pox is?"

"It's food right, like nuggets?" replied N.V.

"No, it's an illness," explained Sammi. "Trust me, N.V., even *you* don't want chicken pox!"



KEY QUESTIONS

- 1. CHARACTER:** Can you describe N.V.'s character in a sentence or two?
- 2. CHARACTER:** Why did the author use the initials N.V.?
- 3. PREDICTION:** What would N.V. do if another kid got a skateboard?
- 4. CONTEXT CLUES:** What do you think *envy* means?
 - goofiness
 - happiness
 - jealousy
- 5. S-T-R-E-T-C-H:** Briefly describe a character named Gary Oswald whose initials are G.O.

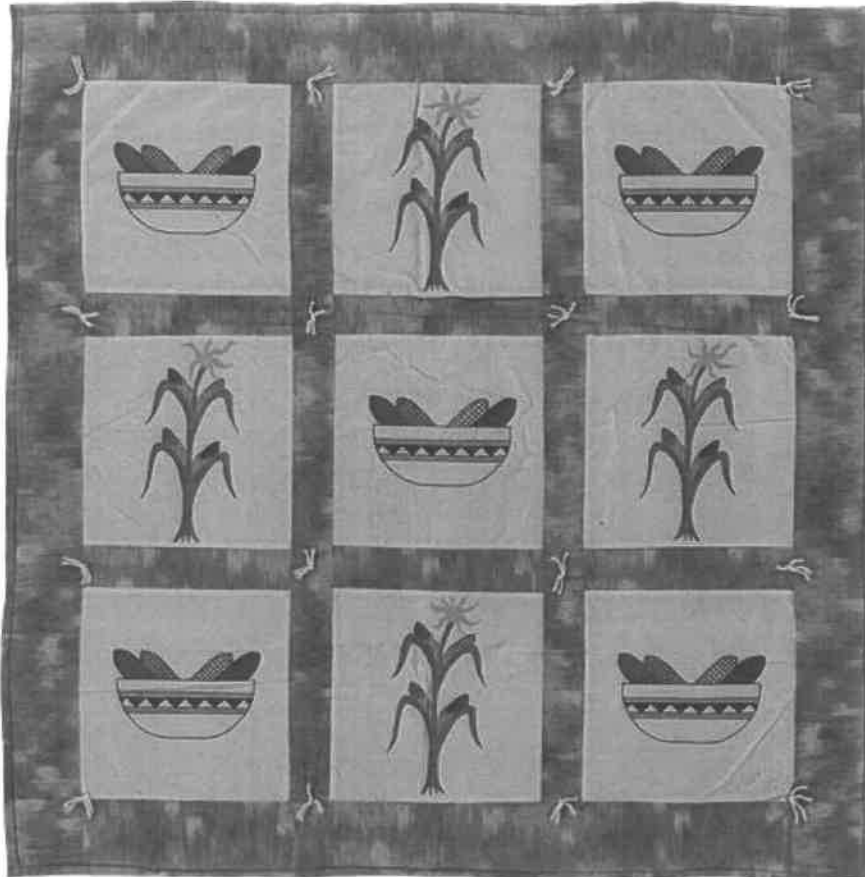
1.

Day 4

The Importance of Corn to the Hopi People

by Lauren Holt

The text and image are provided courtesy of the International Quilt Museum, University of Nebraska-Lincoln.



This quilt by Hopi artist Milfred Dallas Jr depicts four types of corn.

Each type plays a different role in Hopi culture.

International Quilt Museum, University of Nebraska-Lincoln

What foods do you use to celebrate with your family? Do you eat something special on your birthday, or another holiday? Among the Hopi people, many foods for special celebrations are made from corn. Corn is also part of Hopi religion.

The Hopi people are Native Americans who live in Black Mesa, Arizona, USA. They have lived there for more than 900 years. Today, there are 34 Hopi clans, or ancestral family groups, within the Hopi tribe. Most tribe members live in one of 12 Hopi villages on Hopi lands in Black Mesa. The Hopi people have a long history. They have been farming and making art for hundreds of years. Today, some Hopi artists also make quilts. A quilt is a type of blanket

made from three layers.

The quilt in the picture above was made by a Hopi artist named Milfred Dallas Jr. It shows corn growing on a plant and set in a bowl. The Hopi grow special types of corn with long roots. These long roots help the corn reach water in the ground in the hot and dry desert. Corn is an important traditional food for the Hopi. In fact, in Hopi tradition, corn is the first solid food a baby eats.

How many colors of corn do you see in the picture? The Hopi use each color of corn for something different. For example, blue corn is used to make some traditional Hopi foods. Piiki is one Hopi food made with blue corn. It is like a paper-thin, rolled pancake. Another way the Hopi eat blue corn is in a boiled dish called somiviki. The Hopi also eat corn pudding and cornmeal tamales.

Corn is also used in Hopi ceremonies. When girls grow up, they grind corn for four days as part of their Coming of Age Ceremony. The Hopi also grind corn by hand for wedding ceremonies. White corn is used in spiritual ceremonies about birth and motherhood. When a new baby is born, cobs of white corn are placed in the baby's cradle. The corn is kept with the baby until their Naming Ceremony. At the Baby Naming Ceremony, new babies are welcomed to the clan. White corn is used as part of prayers and rituals related to good health and long life. The babies are given clan names and quilts like the one in the picture.

Some Hopi today still live as they did hundreds of years ago. For example, in some Hopi villages, women walk down the mesa to gather water and firewood every day. Men in those villages run up to 40 miles to their farms every day to grow corn, bean, and chili pepper crops. Other Hopi live in modern homes and use modern technology in their daily lives. But both groups still practice Hopi spirituality and other traditions. Corn and art are both an important part of Hopi life today.

What art would you make to represent your own culture and family?

Name: _____ Date: _____

1. What food is very important for the Hopi people?

- A. green beans
- B. rice
- C. wheat
- D. corn

2. What kind of artwork using corn does the author describe in the third paragraph?

- A. a painting of corn stalks
- B. a quilt that shows pictures of corn
- C. a movie about the stages of growing corn
- D. a song about corn

3. Read the following sentences from the text.

"When girls grow up, they grind corn for four days as part of their Coming of Age Ceremony. The Hopi also grind corn by hand for wedding ceremonies. White corn is used in spiritual ceremonies about birth and motherhood. When a new baby is born, cobs of white corn are placed in the baby's cradle."

What can you conclude about how the Hopi use corn based on this information?

- A. Corn has many different and important spiritual meanings for the Hopi.
- B. Corn is only used in connection with motherhood.
- C. The most important use of corn is for wedding ceremonies.
- D. White corn is thought of as an unlucky type of corn.

4. How would you describe the ways that the Hopi use corn in their daily lives?

- A. They eat corn in many different forms and also use it for ceremonies.
- B. They eat corn in the form of cornmeal every morning for breakfast.
- C. They use corn in ceremonies that they do every day.
- D. They use corn very rarely and only eat it on special occasions.

5. What is the main idea of this text?

- A. Most Hopi tribe members live in one of 12 Hopi villages in Black Mesa, where the Hopi have lived for over 900 years.
- B. Some Hopi people today still live like they would have hundreds of years ago, farming in the same way that their ancestors would have.
- C. Corn is an important food used in different art forms and rituals for the Hopi people, a Native American group who live in Black Mesa.
- D. Corn is a delicious food and it can be made into many different kinds of meals, including cornmeal and corn pancakes.

Amazing Trees Help Us Breathe

This text is provided courtesy of the National Fish and Wildlife Foundation.



a live oak tree in South Carolina known as "Angel Oak"
iStock

When you look at trees from the ground up, you can identify four parts: the roots, the trunk, the branches, and the leaves. All four parts are vital to the health of the tree. What might be harder to see is just how important trees are to the health of the earth and all of us people! Here are some of the many ways that trees help us all.

The roots of trees help prevent erosion, which makes streams and rivers healthier by keeping soil where it is supposed to be. If topsoil washes into streams and rivers during heavy rains, it can lower oxygen levels in the water and hurt fish. Soil and sediment can form layers in areas that cause other problems, like changing the water depth.

Trees also help us breathe! Tree trunks transport water and nutrients from the roots to the branches, which hold the leaves. Leaves are like tiny chemistry laboratories. They use water from the roots, the sun's energy, and carbon dioxide - one of the gases in the air - in a process called photosynthesis, which creates sugars to feed the tree. While making their own food and absorbing carbon dioxide, trees discard oxygen, which is the gas in the air that animals (including people) breathe. One large tree can provide a day's supply of oxygen for up to four people!

Trees also store carbon dioxide in their fibers, which are found in the roots, trunk, branches, stems, and leaves. Carbon dioxide in the atmosphere helps keep the earth warm through a

process called the greenhouse effect, which traps heat from the sun. Too much carbon dioxide makes the earth heat up too much, causing strong storms and sea-level rise. Since trees absorb carbon dioxide, they can help reduce the greenhouse effect. One mature tree absorbs about 48 pounds of carbon dioxide from the atmosphere each year.

Now that people understand how important trees are, groups are getting together to plant more trees and help forests in other ways. Arborists and forestry specialists study trees, tree diseases, and ways to keep trees healthy. They work with community groups to promote healthy forests.

Some people help support the health of natural forests by removing dead brush to prevent bad wildfires. They may remove smaller trees to open up space that helps other trees grow larger. There are even groups in cities that focus on planting trees to provide shade for recreation, food for wildlife and people, and carbon absorption to help cities cool down in summer months.

You can help the earth and people, too, by planting more amazing trees.

These conservation efforts are supported by the National Fish and Wildlife Foundation (NFWF), which specializes in bringing together individuals, government agencies, nonprofit organizations, and corporations to restore our nation's fish, wildlife, plants, and habitats for current and future generations.

Name: _____ Date: _____

1. What four parts of a tree can you identify by looking at a tree from the ground up?

- A. head, shoulders, legs, and feet
- B. back, side, front, and top
- C. roots, trunk, branches, and leaves
- D. fruit, flowers, vegetables, and bark

2. What effect do trees have on streams and rivers?

- A. They make streams and rivers healthier by keeping soil where it's supposed to be.
- B. They make streams and rivers dirtier when branches break off and fall in.
- C. They make streams and rivers shallower by blocking off the flow of water.
- D. They make streams and rivers less photogenic by blocking sun from the water.

3. Trees play an important role in making sure our atmosphere doesn't get too hot.

What evidence from the passage supports this idea?

- A. "Arborists and forestry specialists study trees, tree diseases, and ways to keep trees healthy. They work with community groups to promote healthy forests."
- B. "If topsoil washes into streams and rivers during heavy rains, it can lower oxygen levels in the water and hurt fish. Soil and sediment can form layers in areas that cause other problems, like changing the water depth."
- C. "Too much carbon dioxide makes the earth heat up too much, causing strong storms and sea-level rise. Since trees absorb carbon dioxide, they can help reduce the greenhouse effect."
- D. "The roots of trees help prevent erosion, which makes streams and rivers healthier by keeping soil where it is supposed to be."

4. The text says that conservationists are trying to keep forests healthy. Based on the information in the text, how would a healthy forest impact the earth's atmosphere?
- A. By creating more wood to burn, a healthy forest would make the atmosphere smokier.
 - B. By blocking sunlight, a healthy forest would make the atmosphere too cold.
 - C. By absorbing too much carbon dioxide, a healthy forest would make the atmosphere thin.
 - D. By absorbing more carbon dioxide, a healthy forest would help the atmosphere not get too hot.
5. What is the main idea of this text?
- A. Trees are very important for the earth's atmosphere and living things, and many people are working together to make sure that trees are healthy.
 - B. Trees discard oxygen, which is the gas in the air that helps people breathe, and one large tree can provide oxygen for four people for a whole day.
 - C. Photosynthesis is the process by which trees use water from their roots, the energy from the sun, and carbon dioxide to make sugars to feed the tree.
 - D. Trees process carbon dioxide in two ways: by using it to make sugars in photosynthesis, and by storing it in their fibers.

Name: _____

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Chapter

1

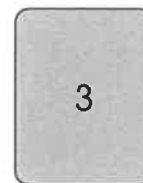
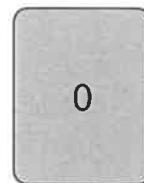
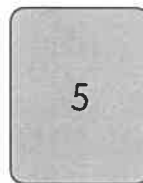
Enrichment Working with Whole Numbers

Math Day 4

Activity 1 Numbers to 100,000

Solve. Show your work.

- 1 You are given the following five number cards.



- a Write the greatest possible 5-digit number.

- b Write the least possible 5-digit number.

- 2 There are five number cards in a stack: A, B, C, D, and E. Each card has a 5-digit number on the reverse side.

- The number on Card E is the greatest number.
- Card D has the least number.
- The numbers on Card A and Card C have a difference of 7,345.
- The number on Card A is greater than the number on Card B but less than the number on Card C.

Match the numbers with the correct cards.

29,034

57,162

75,681

64,507

43,588

3 Jordan forgot the 5-digit verification code needed to open a mobile app. Use the following clues to help him recall the code.

- The digit in the thousands place is the same as the number of legs an ant has.
- The digit in the tens place is 4 less than the digit in the thousands place.
- The digit in the hundreds place is 2 more than the digit in the thousands place.
- The digit in the ones place is half the digit in the hundreds place.
- The digit in the ten thousands place is 1 less than the digit in the hundreds place.