

Native American Artists

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

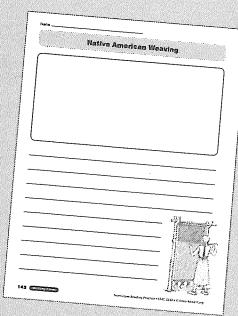
1. You can see Native American blankets from long ago in _____.
Ⓐ looms
Ⓑ schools
Ⓒ museums
2. The large frames used for weaving are called _____.
Ⓐ looms
Ⓑ boxes
Ⓒ threads
3. Why does it take time and patience to make a blanket?

4. Tell how the woman in the picture is making a blanket.

Write About the Topic

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

Draw someone weaving a blanket. Write to tell how Navajo blankets were made long ago.



Photography

Level 1 ■

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

What Cameras Can Do

Fill in the circle to complete the sentence.

What Cameras Can Do

Cameras pictures can show us things we can't see every day. Special cameras can go places where we can't go. Some cameras go deep into the oceans. The underwater cameras take pictures of animals that live in very deep water. Humans can't go that deep, but cameras can. We can see amazing fish and other sea creatures.

What Cameras Can Do

The doctor uses the camera to see inside the body. This is called *internal photography*.

Words to Know: What Cameras Can Do

- camera
- pictures
- oceans
- underwater
- humans
- amazing
- creatures
- human body
- doctors
- earache

154 Photography 2
Nonfiction Reading Practice • EMC 3232

Level 2 ■■

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

High-Speed Photography

Fill in the circle to complete the sentence.

High-Speed Photography

Many people enjoy taking pictures with a camera. The art of taking pictures, or photographs, is called photography. Some people film cameras. Others use digital cameras. You can look at printed photographs in a photo album. You can look at digital photographs on a computer. Sometimes, it can be hard to take good pictures. It's not easy to focus a camera on something that is moving. High-speed cameras take many pictures very quickly. People use these kinds of cameras to photograph sports or animals in nature.

A photographer can use a high-speed camera at a race. It might look like several cameras are tied because they're going so fast. But a high-speed camera takes a picture of the finish line. The photographer shows who really won.

A photographer can also use a high-speed camera to take pictures of a very fast animal such as a hummingbird or a cheetah. We can learn a lot about the actions of animals by using high-speed cameras.

Words to Know: High-Speed Photography

- photographs
- photography
- film
- cameras
- digital
- photo album
- computer
- focus
- high-speed
- photographer

155 Photography 2B
Nonfiction Reading Practice • EMC 3232

Level 3 ■■■

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

Learning from Pictures

Fill in the circle to complete the sentence.

Learning from Pictures

Photography is the art of taking pictures, or photographs, with a camera. There are many kinds of photographers. Some photographers take photographs of people. Some take photographs of things in the news. Still others photograph tiny cells in a science lab.

There are many kinds of cameras, too. Some use film. Some use digital cameras. All cameras work in the same basic way. They take in light and focus it to images. The camera record, or keep, those images. People can print the pictures on special photo paper. They can also look at digital photographs on computers. Many people take photographs and look at them on cellphones.

This photograph shows the first satellite ever sent into space. This was in 1957.

Words to Know: Learning from Pictures

- photography
- photographs
- camera
- photographers
- film
- digital
- photo cards
- focus
- images
- photo paper
- cellphones
- technology
- high-speed

156 Photography 2B
Nonfiction Reading Practice • EMC 3232

Assemble the Unit

Reproduce and distribute one copy for each student:

- Visual Literacy page: Photography Tools, page 151
- 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: Photography, page 152

Introduce the Topic

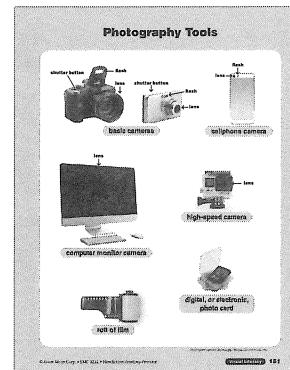
Review the different kinds of cameras and how they take pictures. Explain that most cameras today are digital, which means they take pictures electronically. Ask students which kinds of cameras they've seen the most.

Read and Respond

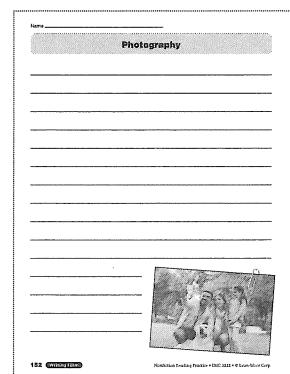
Form leveled groups and review the Words to Know lists with each group of students. Instruct each group to read their selection individually, in pairs, or as a group. Have students complete the Reading Comprehension page for their selection.

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.

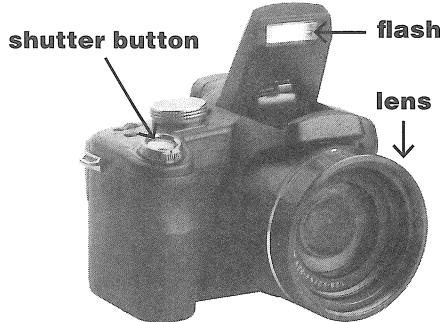


Visual Literacy

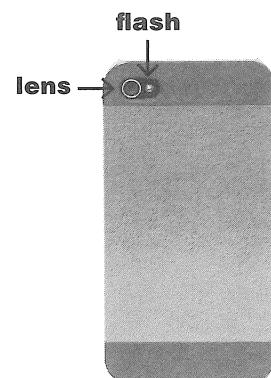
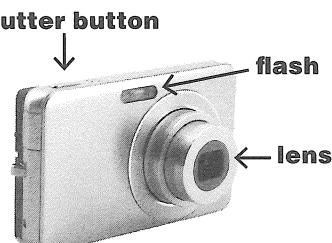


Writing Form

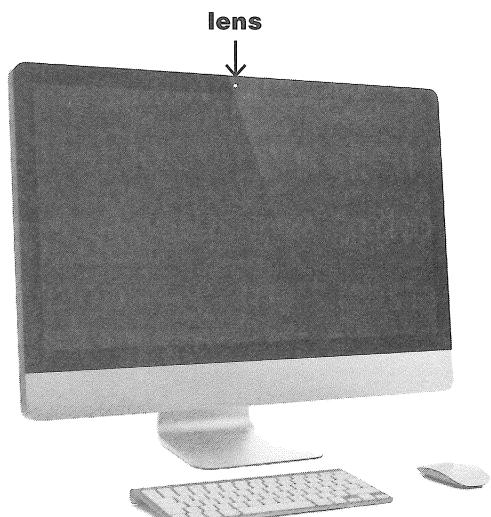
Photography Tools



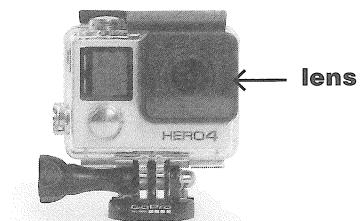
basic cameras



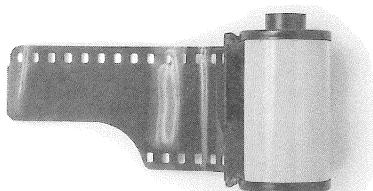
cellphone camera



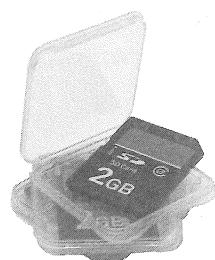
computer monitor camera



high-speed camera



roll of film



digital, or electronic,
photo card

High speed camera: MyImages - Micha / Shutterstock.com

Name _____

Photography



Words to Know
**What Cameras
Can Do**

camera
pictures
oceans
underwater
humans
amazing
creatures
human body
doctors
earache

Words to Know
**High-Speed
Photography**

photographs
photography
film
cameras
digital
photo album
computer
focus
high-speed
photographer

Words to Know
**Learning from
Pictures**

photography
photographs
camera
photographers
film
digital
photo cards
focus
images
photo paper
cellphones
technology
high-speed

Photography ■

Photography ■ ■

Photography ■ ■ ■

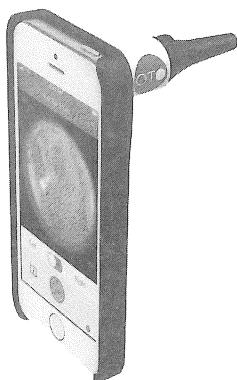


What Cameras Can Do

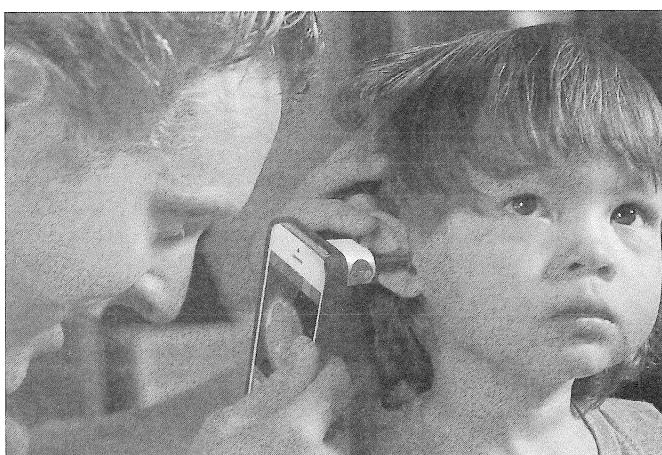
Camera pictures can show us things we can't see every day. Special cameras can go places where people can't go. Some cameras go deep into the oceans. The underwater cameras take pictures of animals that live in very deep water. Humans can't go that deep, but cameras can. We can see amazing fish and other sea creatures.



A diver uses an underwater camera to take pictures of fish near the bottom of the ocean.



Tiny cameras can go inside the human body. These cameras can help doctors. The pictures can show why someone is sick. One small camera can go inside a person's ear. The doctor can take a picture. The picture will show the inside of the ear. This can help the doctor learn why the person has an earache. Cameras are useful and help us learn many things.



The doctor uses the camera to look in the child's ear for an ear infection.

What Cameras Can Do

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

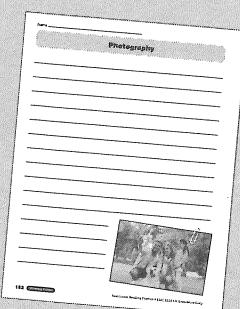
1. _____ can take pictures in places where people can't go.
Ⓐ A camera
Ⓑ A fish
Ⓒ An ear
2. Doctors can use _____ cameras to see inside the human body.
Ⓐ loud
Ⓑ tiny
Ⓒ sick
3. Why do humans send cameras deep into the oceans?

4. You have an underwater camera. Write three questions you hope the pictures can help you answer about a deep-sea fish.

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell about cameras. Tell two ways that cameras can be helpful.



High-Speed Photography

Many people enjoy taking pictures with a camera. The art of taking pictures, or photographs, is called photography. Some people use film cameras. Others use digital cameras. You can look at printed photographs in a photo album. You can look at digital photographs on a computer.

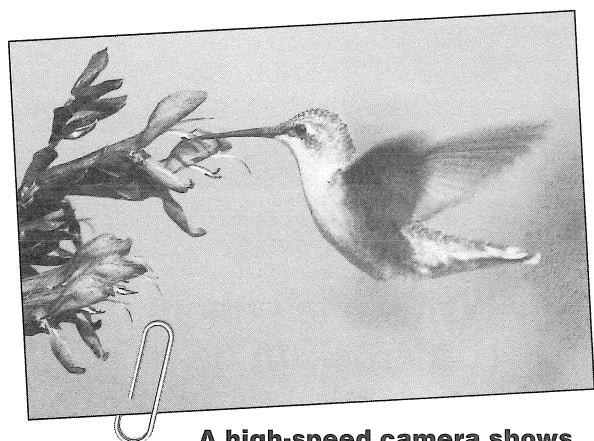
Sometimes, it can be hard to take good pictures. It's not easy to focus a camera on something that is moving. High-speed cameras take many pictures very quickly. People use these kinds of cameras to photograph sports or animals in nature.

A photographer can use a high-speed camera at a race. It might look like several runners are tied because they are going so fast. But a high-speed camera takes a picture at the finish line. The photograph shows who really won.

A photographer can also use a high-speed camera to take pictures of a very fast animal such as a hummingbird or a cheetah. We can learn a lot about the actions of animals by using high-speed cameras.



Sometimes, no one knows who has won a race until everyone sees the high-speed picture of the finish line.



A high-speed camera shows a hummingbird in action.

High-Speed Photography

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

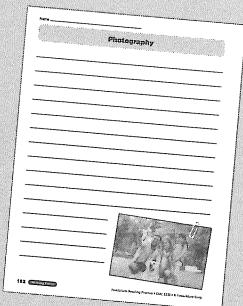
1. Photography is the art of _____ pictures.
Ⓐ looking at
Ⓑ taking
Ⓒ touching
2. People can keep _____ pictures in photo albums.
Ⓐ printed
Ⓑ high-speed
Ⓒ digital
3. When can a high-speed camera be useful? Think of your own example.

4. Write two details from the text about high-speed cameras.

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell about photography. Describe the different kinds of cameras and pictures.



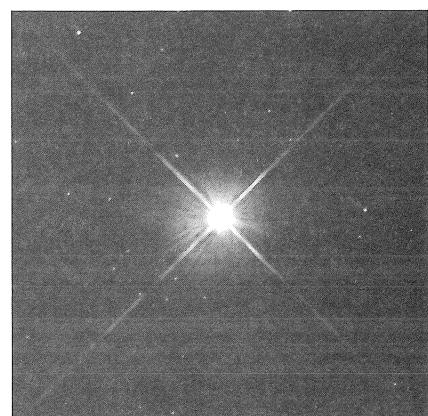
Learning from Pictures

Photography is the art of taking pictures, or photographs, with a camera. There are many kinds of photographers. Some photographers take photographs of people. Some take photographs of things in the news. Still others photograph tiny cells in a science lab.

There are many kinds of cameras, too. Some use film. Some use digital photo cards. All cameras work in the same basic way. They take in light and focus it into images. The cameras record, or keep, those images. People can print the pictures on special photo paper. They can also look at digital photographs on computers. Many people take photographs and look at them on cellphones.



pictures printed
on photo paper



Credit: ESA/Hubble & NASA

This photograph shows the nearest star to our sun. This star is many trillions of miles away.

Photography is a useful technology. A space telescope takes photographs of objects in space that are very far away. High-speed cameras take photographs of things that happen too quickly for human eyes to see. Old photographs show what life was like in the past. Photography helps people learn about the past, the present, and even the future.