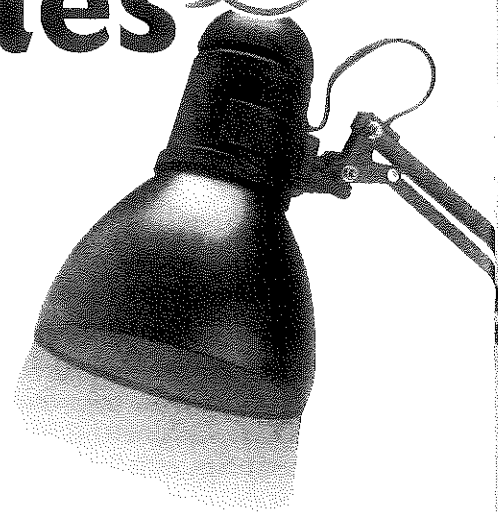


Context Clues

for
Word
Wisdom



The Apparition

Perhaps you've heard that "seeing is believing." Sometimes, however, what we think we see can be misleading.

Dr. Fogg sat down for lunch with his oldest friend, Professor Linear. "What new research have you been working on?" Professor Linear asked.

Dr. Fogg answered, "It's very exciting. I have produced an **apparition** in my lab on many occasions."

"An apparition! How did you create a ghostly image in a laboratory? Please **enlighten** me," the professor begged. "Do you have **evidence** to support your claim?"

"Of course," answered the doctor, polishing his thick glasses with the napkin on his lap. "I **expect** to show the world my supporting facts soon. I hope to **televis** my results next month."

"Fogg, I would love a **preview** of your lab work before you go on television."

The two men met the next day in Dr. Fogg's office. "Bad news," Fogg reported. "The lamp has burned out, and I cannot see the apparition."

Professor Linear offered to replace the light bulb. "Ah, there it is! The light made a **noticeable** difference," exclaimed Dr. Fogg.

"I see nothing," responded Professor Linear. "May I see your research notes?"

"I'm afraid my notes are not **legible**," said Dr. Fogg, taking off his eyeglasses to clean them on his lab coat. "Even I can barely read my own writing. Hmm, the apparition seems to **vanish** when I take off my glasses."

"May I look?" asked the professor, picking up the glasses. "Dear Fogg, you have polished these glasses so much that they are terribly scratched. The apparition you claim to have seen is simply a reflection on the scratched lens!"

"Imagine, Professor, if I had gone on TV to share my evidence! It's a good thing we had the **foresight** to bring you here!"

"A better thing," said Fogg's friend, "would be for you to get new glasses."


Context Clues Strategy

Look for Words That Mean the Same

EXAMPLE: Tim's *vision* is not as good as it once was. His eyesight is so weak that he has to wear glasses.


CLUE: The word *eyesight* is a definition for the word *vision* and helps explain its meaning.

Here are steps for using this context clues strategy to figure out the meaning of the word *apparition*.


 **Read** the sentence with the unknown word and some of the sentences around it.

.....
"I have produced an *apparition* in my lab on many occasions."

"An *apparition*! How did you create a ghostly image in a laboratory?"

 **Look** for context clues. Can you find Words That Mean the Same as the word *apparition*?

.....
When Professor Linear hears Dr. Fogg tell about an *apparition*, he asks how Fogg created a *ghostly image*.

 **Think** about the context clues and other information you may already know.

.....
Ghostly image tells the meaning of *apparition*.

 **Predict** a meaning for the word.

.....
An *apparition* is probably a ghostly image.

 **Check** the Word Wisdom Dictionary to be sure of the meaning.

.....
The word *apparition* means "a ghostly-looking image."



Unlock the Meanings

Practice the Strategy Here is another boldfaced word from the story about Dr. Fogg on page 6. Using the context clues strategy on page 7, follow these steps to figure out the meaning of the word.

evidence



Read the sentence that includes the word *evidence*. Read some of the sentences around the word.



Look for context clues. What Words That Mean the Same can you find?



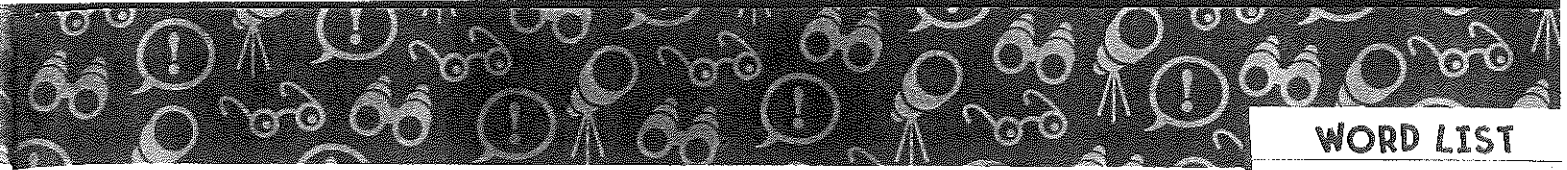
Think about the context clues. What other helpful information do you know?



Predict a meaning for the word *evidence*.



Check the Word Wisdom Dictionary to be sure of the meaning of the word *evidence*. Decide which of the meanings fits the context.



WORD LIST

- ✓ apparition
- enlighten
- ✓ evidence
- expect
- televisе
- preview
- noticeable
- legible
- vanish
- foresight

Use Context Clues You have been introduced to two vocabulary words from “The Apparition.” Those words are checked off in the Word List here. Under “Vocabulary Word” below, write the other eight words from the Word List. Predict a meaning for each word under “Your Prediction.” Then check the meanings in the Word Wisdom Dictionary. Write the definition under “Dictionary Says.”

Vocabulary Word

Your Prediction

Dictionary Says

1

2

3

4

5

6

7

8



Process the Meanings

WORD LIST

- apparition
- enlighten
- evidence
- expect
- televise
- preview
- noticeable
- legible
- vanish
- foresight

Find the Synonyms Choose a word from the Word List that means the SAME or NEARLY THE SAME as each word below. Write the synonym on the line next to the word.

- 1** disappear _____ **3** readable _____
- 2** facts _____ **4** ghost _____

Rewrite the Sentences Rewrite each sentence. Use the word in parentheses. You may add an ending to the word.

5 I watched a sample of several new movies. (preview)

6 It's helpful to plan ahead when you go camping. (foresight)

7 The games will be shown on television. (televise)

8 Would you please explain that to me? (enlighten)

9 Mud is easily seen on a clean floor. (noticeable)

10 What time do you look forward to doing your homework? (expect)



Apply What You've Learned

Solve Riddles Solve each riddle with a word from the Word List.

- 1** You can't see this, but it's useful for planning. _____
- 2** If you said you saw one of these, your friends might think you were seeing things. _____
- 3** Without this, you can't solve a mystery. _____
- 4** If you had a messy room and you wanted to go out to play, you might wish the mess would do this. _____

Connect to Your Life Respond to each question or statement.

- 5** Why is a preview of a book useful?

- 6** Describe a time when someone **enlightened** you about something.

- 7** What might happen if you write a message that is not **legible**?

- 8** Describe what was **noticeable** when you arrived at school today.

- 9** Describe something that you **expect** to happen tomorrow.

- 10** Describe something **televised** that you found surprising.



Write It! Imagine that your favorite book, CD, or video game has disappeared from your room. How would you solve the mystery? Use several words from the Word List on page 10.

Latin Roots

for
Word
Wisdom

More Than Double Vision:

Flies' Eyes

Do you understand how we see? First, light travels through space from the sun, a lamp, or another light source. This light strikes objects in its path. The objects absorb some of the light and reflect the rest. When you look at something, you see the reflected light.

Not all living things see in the same way that humans do. Did you ever **inspect** the eyes of a fly or of another insect? Insects and certain other living things have compound eyes. We have single eyes. If you can, find a dead fly and study this **specimen**. You will find that a compound eye has a strange **appearance**. Make sure you wash your hands when you are finished!

A compound eye is made of hundreds or even thousands of units. Each unit is like our single eye in some ways. The unit has its own **transparent**, or clear, lens and a nerve that leads to the insect's brain.

The units in compound eyes are different from our eyes, too. Each unit faces in a slightly different direction. It sees only a small,

specific part of the insect's surroundings. The insect's brain blends the **visual** images from all of these units into one image.


Our eyes can change focus. They allow us to see close up or far away. A compound eye cannot change focus. That gives insects a limited **perspective**. They see only what is close by. Still, compound eyes **provide** insects with a vital skill. This kind of eye is very good at detecting motion. And because the eye bulges out, it can see up, down, forward, backward, and to the sides—all at the same time. This skill is **apparent** to anyone who has ever tried to swat a fly!


Compound eyes allow insects to fly at high speeds without running into anything. Insects see changes in their surroundings quickly, allowing them to swerve to miss an object in their path. This skill also helps them chase—and catch—other flying insects.


So flies and other insects don't need a **visa** or a passport to go sightseeing around the world—they can see only a few feet away! All they really need is something to eat and people to annoy!


Practice the Context Clues Strategy Here is one of the boldfaced words from the selection on page 12. Use the context clues strategy you learned in Part 1 on page 7 to figure out the meaning of the word.


transparent

 **Read** the sentence that uses the word *transparent*. Read some of the sentences around the word.

 **Look** for context clues to the word's meaning. What Words That Mean the Same can you find?

 **Think** about the context clues. What other helpful information do you know?

 **Predict** a meaning for the word *transparent*.

 **Check** your Word Wisdom Dictionary to be sure of the meaning of the word *transparent*. Which of the meanings for the word *transparent* fits the context?



Unlock the Meanings

Many English words are made from Latin roots. If you know the meanings of different roots, you can unlock the meanings of many new words. Several words you learned in Part 1 have a Latin root. Each root is related to seeing.

Latin Root: **par**
meaning: to appear

English word: *apparition*
meaning: a ghostly-looking image

Latin Root: **spec, spect, spic**

meaning: to see, to look
English word: *to expect*
meaning: to look forward to

Latin Root: **vid, vis**
meaning: to see

English word: *evidence*
meaning: facts leading to proof

WORD LIST

- inspect
- specimen
- appearance
- transparent
- specific
- visual
- perspective
- provide
- apparent
- visa

Sort by Roots Find these roots in the Word List. Write each word on a line under the correct root. Then think of other words you know that come from the same Latin roots. Write each word in the correct place.

Sight

Latin Root:
par

Latin Root:
spec, spect, spic

Latin Root:
vid, vis

Prefix	Meaning
trans-	across, through
in-	in, into
pro-	forward, for

Example

trans- (through) + par (appear) + -ent
= transparent

Use Roots and Prefixes Circle any root or prefix you find in the boldfaced words below. Use context clues, roots, and prefixes to write the meaning of each word. Check your definitions in the Word Wisdom Dictionary.

1 The guard **inspected** the contents of our bags. _____

2 We recognized Alice's face because her **appearance** hadn't changed.

3 Please **provide** your phone number so that I can call you.

4 The butterfly is a **specimen** of the monarch variety.

5 Talking to many people gives me a new **perspective** on solving the problem. _____

6 It was **apparent** that we arrived for dinner on the wrong day, because no one was home. _____

7 A stop sign is a **visual** signal. _____

8 Windows are **transparent**, but you cannot see through walls.

9 Do you have any **specific** plans for vacation, such as where you will go and when? _____

10 Students from other countries need a government **visa** to study in the United States. _____



Process the Meanings

WORD LIST

inspect

specimen

appearance

transparent

specific

visual

perspective

provide

apparent

visa

Choose the Words Read the pair of related boldfaced words in the sentence. Circle the word that completes each sentence correctly.

- 1 The scientist found a **specific**, **specimen** of a frog with yellow spots.
- 2 It is **apparent**, **transparent** that you did not study for the test.
- 3 My parents **provide**, **visa** the things I need for school.
- 4 Glass is **apparent**, **transparent**, but paper is not.
- 5 The dentist will **perspective**, **inspect** your teeth.
- 6 Please give me **specific**, **specimen** directions so that I can find your house.

Find the Words Write the word from the Word List that best completes each sentence.

- 7 The star put in an _____ at the opening of her latest movie.
- 8 Before traveling overseas, you may have to get a tourist's _____.
- 9 What does a person look like from a dog's _____?
- 10 The doormat is a _____ reminder to wipe your feet.



Apply What You've Learned

Demonstrate Word Knowledge Answer the questions or follow the directions.

1 Would you like to live in a house with **transparent** walls? Explain.

2 Name two kinds of people who might **inspect** things.

3 What is your **perspective** on learning another language?

4 Describe what you like best about your **appearance**.

5 Describe an object in the room. Give three **visual** clues.

6 Is it always **apparent** if a dog is friendly or unfriendly? Explain.

7 What kinds of **specimens** might a scientist collect?

8 If you had to **provide** a snack for the class, what would you do?

9 When does a person need a **visa**? _____

10 Give three **specific** details about the clothes you are wearing.



Speak It! Describe a movie or play you have seen. Use several words from the Word List on page 16.

Reference Skills

for
Word
Wisdom

Come and See “My House”!

Trash is everywhere! It’s around your home, streets, and school. Even if you pick up the trash, what should you do with it? Will it end up in a landfill? Can it be recycled?

When you **scan** all of your surroundings, do you see too much trash? Can you **distinguish** between a plastic bottle that can be recycled and one that can’t? You can brush up on recycling at “My House,” an **exhibit** at the Columbus Zoo and Aquarium in Columbus, Ohio. It **resembles** a regular house—until you walk inside.

There are three habitats that make up the living room of “My House.” They are a marsh, a forest, and a prairie. As you walk through, you learn how these habitats are **distinct** from each other. In the marsh, you can climb on lily pads and search for frog eggs and fish. In the forest, you can get tangled in a giant spiderweb or explore a hollowed-out tree. You can also **observe** the insects, reptiles, and tall grasses that live in the prairie.

The bedroom of the house **demonstrates** how these habitats are threatened. You learn how harmful trash is, and you see how


exhaust from cars and smoke from factories pollute the air. You also hear how building roads and houses can destroy natural habitats.


In the kitchen of “My House,” you learn ways to conserve Earth’s resources. Some of the ways are **obvious**, such as not wasting electricity or water. Other ways might be new to you, like using cleaning products that will not harm the environment. Visitors are asked to look for the recycling **emblem**, or symbol, before they buy a product. They are also shown how to **detect** water leaks so that water is not wasted. Visitors are shown how recycled products can be used again. In fact, the whole house was built from recycled products. The outside walls are a mixture of cement and disposable lunch trays that were collected from 63 local schools. The floors were made from recycled tires. The house’s roof, siding, and chairs were also made from recycled products.


If your community has an exhibit like this one, be sure to go see it. You can help make your environment safer and healthier. At the same time, you can protect natural habitats!


Practice the Context Clues Strategy Here is one of the boldfaced words from the selection on page 18. Use the context clues strategy you learned in Part 1 on page 7 to figure out the meaning of the word.


emblem

 **Read** the sentence that uses the word *emblem* and some of the sentences around it.

 **Look** for context clues to the word's meaning. What **Words That Mean the Same** can you find?

 **Think** about the context clues. What other helpful information do you know?

 **Predict** a meaning for the word *emblem*.

 **Check** your Word Wisdom Dictionary to be sure of the meaning of the word *emblem*. Write the definition here.



Unlock the Meanings

Idioms and Special Dictionaries An idiom is a phrase or an expression that has a special meaning. You can't understand an idiom from the meaning of each separate word. You can look up unfamiliar idioms in a dictionary of idioms like *A Dictionary of American Idioms* to learn their meanings. Read this sentence:

We never pass notes in class because our teacher has eyes in the back of her head.

The words *has eyes in the back of her head* form an idiom. The phrase means "can see things without seeming to look."

Match the Meanings Read the sentences below. Each underlined idiom relates to one of the words in the Word List on page 21. Look up the meaning of the idiom in a dictionary of idioms. Match the idiom with the vocabulary word it relates to. Write the word on the line.

1 The answer was as plain as the nose on my face.

2 The twins were like two peas in a pod.

3 The dishonest man will show his true colors by taking a bribe.

4 Those two are as different as night and day.

5 Keep your eyes peeled during the magic trick to see how easy it is.



**Find
the
Meaning**

1. Use context clues.
2. Look for a familiar root, prefix, or suffix.
3. If the context or a word part doesn't help, check the dictionary.

Define the Words Follow the steps above to write the meaning of each boldfaced word. Then write 1, 2, or 3 to show which steps you used.

WORD LIST

- scan
- distinguish
- exhibit
- resemble
- distinct
- observe
- demonstrate
- obvious
- emblem
- detect

1 Most people can **distinguish** a dog from a cat.

2 When I sing in the choir, I **scan** the audience for my family.

3 Ohio has four seasons with **distinct** weather.

4 Do you **resemble** your mother?

5 Please **observe** how to make a bed so that you can do it.

6 You sound very serious, but I **detect** a smile on your face.

7 It's **obvious** by your high score that you studied for the test.

8 The eagle is an **emblem** that appears on U.S. money.

9 The artist's **exhibit** was worth seeing!

10 Our teacher will **demonstrate** how to use the microscope.



Process the Meanings

WORD LIST

scan
distinguish
exhibit
resemble
distinct
observe
demonstrate
obvious
emblem
detect

Choose the Correct Word Write the word from the Word List that best completes each sentence. You may need to add or change an ending for some words.

- 1** Our team chose the tiger as the _____
for our uniforms.
- 2** The paintings at the art _____ are all for sale.
- 3** Can you _____ between a cockatoo and a cocker spaniel?
- 4** With careful examination, I could _____ signs of a struggle around the fishbowl.
- 5** Please _____ for me how to set the table properly.
- 6** It is _____ that Jill has grown. Her shoes are two sizes bigger now.
- 7** My mother and I _____ each other.
- 8** Paul _____ the want ads each day to look for a job.
- 9** Many historic homes have _____ architecture, so each one is unique.
- 10** Please _____ how well the puppy behaves when I give a command.



Apply What You've Learned

Answer the Questions Answer each question below.

1 What emblem would you like to use for a team or club? Why?

2 In what ways can you be distinguished from your friends?

3 What skill would you be proud to demonstrate for an audience?

4 How do you detect feelings of happiness in a friend?

5 How can you make an exhibit out of your favorite photos?

6 Which family member do you most resemble?

Build a Word Ladder Use the words in the box to complete each word ladder below. Order each list from most (top) to least (bottom). Use a dictionary if needed.

.....

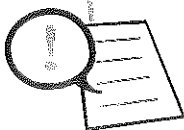
glance	obvious	scan	hidden
--------	---------	------	--------

.....

7 _____
 distinct _____

MOST
 ↓
 to
 ↓
 LEAST

observe _____
9 _____
10 _____



Write It! Write a paragraph to compare and contrast two things or two people. Use as many words from the Word List on page 22 as you can.

Review

for
Word
Wisdom

Sort by Parts of Speech Sort the words in the Word List by their part of speech. Write each word in the correct column. If a word can be more than one part of speech, write it in every column that applies.

WORD LIST

apparition

enlighten

evidence

expect

televise

preview

noticeable

legible

vanish

foresight

inspect

specimen

appearance

transparent

specific

visual

perspective

provide

apparent

visa

scan

distinguish

exhibit

resemble

distinct

observe

demonstrate

obvious

emblem

detect

Nouns

(words that
name a person,
place, or thing)

Verbs

(action words)

Adjectives

(words that
describe)

Use Multiple Meanings Some words in this unit have more than one meaning. Look up the words *scan* and *preview* in your Word Wisdom Dictionary. Write two sentences for each word. Show that you understand two different meanings for each word.

scan

1 _____

2 _____

preview

3 _____

4 _____

Use Related Words Answer the questions. Use the word in parentheses in your response.

5 What similar qualities do tropical birds **exhibit**? (resemble)

6 How can you **distinguish** between a kindergartner and a fourth grader? (observe)

7 What would you do if you saw an **apparition**? (appearance)

8 If someone **inspected** your desk, what would he or she think? (expect)

9 Does seeing a **preview** of a TV show make you want to watch it? (televisе)

10 Can you **detect** when someone has been in your room? (evidence)



TEST-TAKING STRATEGY

Some vocabulary tests ask you to choose the meaning of a word in a phrase or sentence. Every answer choice will fit the sentence, so context will not help you decide on an answer. You can narrow your choices by first throwing out the answers you know are wrong.

Sample:

a brilliant star

- dull
- bright
- large
- new

Taking Vocabulary Tests

Practice Test Read each phrase. Fill in the circle for the word or words that have the SAME or NEARLY THE SAME meaning as the underlined word.

- 1** her legible handwriting
 - unusual
 - easy-to-read
 - confusing
 - beautiful
- 2** to mysteriously vanish
 - appear
 - escape
 - grow larger
 - disappear
- 3** an enlightening class
 - informative
 - long
 - boring
 - difficult
- 4** a unique perspective
 - look
 - subject
 - behavior
 - point of view
- 5** a visual clue
 - unimportant
 - small
 - visible
 - strange
- 6** a transparent material
 - heavy
 - clear
 - hidden
 - colorful
- 7** specific instructions
 - detailed
 - short
 - wordy
 - foreign
- 8** a familiar emblem
 - sight
 - saying
 - symbol
 - sound
- 9** an important specimen
 - group of men
 - meeting
 - speech
 - sample
- 10** to provide an answer
 - pay no attention to
 - give
 - ask for
 - argue with

Build

New

Words

Use Suffixes The suffix *-ly* can make a word into an adverb. Adverbs tell **how** or **to what extent**. Words ending in a vowel may drop the vowel before adding *-ly*. Use the suffix *-ly* to form new words. Then use each new word in a sentence.

Word	+ Suffix	= New Word	Sentence
distinct	-ly		
obvious	-ly		
apparent	-ly		
legible	-ly		
noticeable	-ly		



Speak It! Keep your eyes open for the words in this unit. Tell about an amazing sight you would like to see sometime.