

# Read and Discover

## Nouns

### Lesson 11

In 1891, a **teacher** invented a new game.  
His students **played** it indoors during winter.

Which word in bold type names a person, place, or thing?

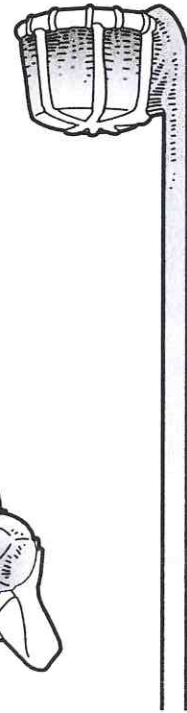
A **noun** is a word that names a person, place, or thing.

See Handbook Section 13

## Part 1

Circle each underlined word that is a noun.

1. James Naismith stuck two wooden baskets on railings ten feet above the floor.
2. The playing court was in between the baskets.
3. Two teams of students played the game.
4. Each team tried to throw a ball into its basket.
5. The sport he invented is called basketball.
6. A kind of basketball was played in Mexico long ago.
7. It was played on a court between two walls.
8. A stone ring was attached to each wall.
9. The game was played with a rubber ball.
10. Players tried to knock the ball through a ring.
11. They could not use their hands or feet.
12. The players hit the ball with other parts of their bodies.



James Naismith invented basketball in 1891.

## Part 2

Write complete sentences to answer these questions. Circle each noun you use.

13. What is your favorite sport? \_\_\_\_\_

\_\_\_\_\_

14. What are some things that are used to play the game? \_\_\_\_\_

\_\_\_\_\_

15. Where is the game played? \_\_\_\_\_

\_\_\_\_\_

16. What do the players wear? \_\_\_\_\_

\_\_\_\_\_

## Part 3

Circle the hidden nouns. Then write them on the lines.

B	A	S	G	D	B	F	R	O
A	B	H	A	T	O	R	K	P
S	C	E	M	U	Y	H	N	Q
K	P	L	E	V	A	I	J	R
E	X	F	B	W	W	E	K	R
T	E	L	E	P	H	O	N	E
B	F	P	Y	X	B	C	X	S
A	G	Q	L	Y	C	E	N	I
L	H	R	X	Z	D	A	K	Q
L	X	P	S	R	E	N	H	T

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_

21. \_\_\_\_\_

22. \_\_\_\_\_

23. \_\_\_\_\_

Name \_\_\_\_\_

# Read and Discover

## Proper Nouns

### Lesson 12

In 1971 a **woman** named **Stephanie Kwolek** invented a material that was five times as strong as steel. The material was called Kevlar. The invention would make millions of dollars and save millions of lives.

Circle the word in bold type that is the name of a certain person. Draw a box around the word that is the name of a certain thing.

A **proper noun** names a certain person, place, or thing. Proper nouns begin with a capital letter. A **common noun** names any person, place, or thing.

See Handbook Section 13

## Part 1

Underline the proper nouns in these sentences.

1. Stephanie Kwolek was born in New Kensington, Pennsylvania.
2. She went to a college named Carnegie-Mellon.
3. Stephanie studied chemistry.
4. Then she worked at DuPont, a chemical company.
5. She created a very stiff material called Kevlar.
6. Greg, a policeman, is thankful for this invention.
7. The Kevlar in his vest saved his life last August.
8. Melinda skis, and she is also thankful.
9. The material that Ms. Kwolek invented makes skis stronger and lighter.
10. The shoes that Ramji wears are strong and flexible because of this wonderful material.



Skis made of Kevlar  
are strong and light.

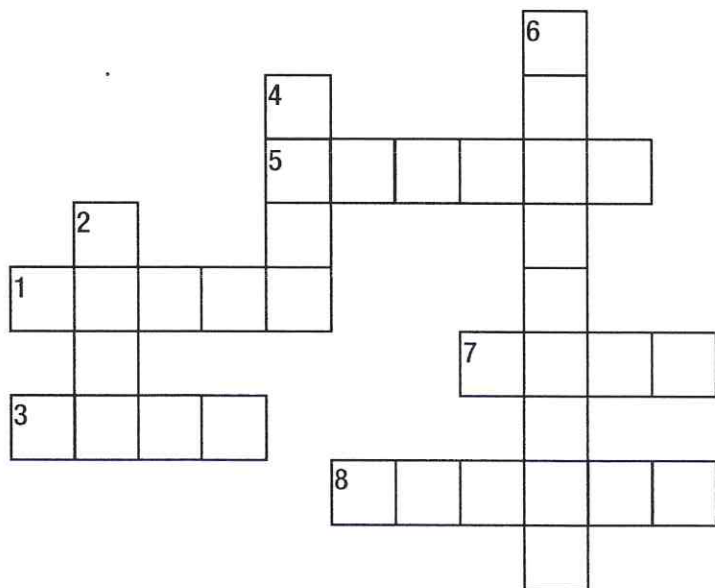
## Part 2

Write a proper noun of your choice to complete each sentence. Remember to start each proper noun with a capital letter.

11. I would invent a material called \_\_\_\_\_.
12. A company called \_\_\_\_\_ would make this material.
13. I would set up this company in the state of \_\_\_\_\_.
14. I would like to work there with my friend \_\_\_\_\_.

## Part 3

Use common and proper nouns to complete the crossword puzzle. Color each proper noun blue. Color each common noun red.



### Across

1. Inventor of basketball (first name)
3. Protective piece of clothing made with Kevlar
5. Inventor of Kevlar (last name)
7. A toy that can be bounced
8. A country south of the United States

### Down

2. A contest for fun
4. Equipment used to go down hills or mountains
6. Inventor of Kevlar (first name)

Name \_\_\_\_\_

# Read and Discover

## Singular and Plural Nouns

### Lesson 13

Benjamin Franklin once put a metal rod on top of his **house**. Lightning hit the rod instead of the roof. The lightning traveled down a wire to the ground, and the house did not catch on fire. Soon many **houses** and other buildings had rods on their roofs.

Which word in bold type names more than one thing?

\_\_\_\_\_ Circle three other words in the paragraph that name more than one thing.

A **singular noun** names one person, place, or thing. A **plural noun** names more than one person, place, or thing. Many plural nouns are formed by adding an *s* to the end of the singular noun.

See Handbook Sections 13 and 23

## Part 1

Write *S* above the noun in bold type if it is singular. Write *P* above the noun in bold type if it is plural.

1. Ben Franklin invented a **stove** that used less fuel and made **rooms** warmer.
2. In one famous **experiment**, Franklin flew a **kite** in a thunderstorm.
3. He proved that **lightning** is electricity.
4. Franklin invented **lenses** that help people see **things** both near them and far away from them.
5. Franklin studied ocean **currents** and waves.
6. He proved that **oil** can calm rough **waters**.
7. Franklin never tried to make **money** from his **ideas**.
8. He just wanted his **inventions** to make life better for people.



Bifocal lenses are one of Franklin's inventions.

## Part 2

Change each underlined singular noun to a plural noun. Write the plural nouns.

9. Benjamin Franklin flew the kite. \_\_\_\_\_
10. The bolt of lightning struck the kite. \_\_\_\_\_
11. Electricity traveled down the string. \_\_\_\_\_
12. Sparks flew from a key he had tied on the string. \_\_\_\_\_
13. Franklin was famous for this experiment. \_\_\_\_\_

## Part 3

Think of an invention that would make your life easier. Draw a picture of it in the space below. Then write about your invention. Use singular and plural nouns.

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Name \_\_\_\_\_

# Read and Discover

## Pronouns for People

### Lesson 14

Maria read a book about the famous inventor Thomas Edison. *She* learned that Edison invented the phonograph and the electric light.

Circle a., b., or c. below to tell whom or what the word *She* talks about.

a. Edison

b. Maria

c. book

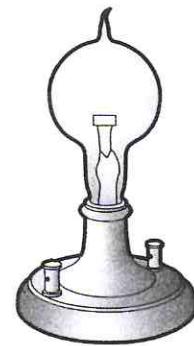
A **pronoun** takes the place of one or more nouns. Some singular pronouns are *I, you, he, she, me, him, and her*. Some plural pronouns are *we, you, they, us, and them*.

See Handbook Section 15

## Part 1

Find the pronoun in each sentence. Write it on the line.

1. Maria asked the librarian to help her find a book. \_\_\_\_\_
2. She wanted to read more about Edison. \_\_\_\_\_
3. Maria found out that he invented an early motion-picture device. \_\_\_\_\_
4. Do you know about Edison's other inventions? \_\_\_\_\_
5. I wrote a letter to the Edison Birthplace Museum in Ohio. \_\_\_\_\_
6. A woman sent me some information. \_\_\_\_\_
7. We are reading about Edison. \_\_\_\_\_
8. I read that Edison was born in 1847. \_\_\_\_\_
9. Do you want to visit Edison's workplace? \_\_\_\_\_
10. Scientists still admire the lab he built. \_\_\_\_\_



Edison's first successful lamp looked like this one.

## Part 2

Write the pronoun from the word bank that can take the place of each underlined word or phrase.

I

you

he

she

they

11. Thomas Edison and Benjamin Franklin were two of America's greatest inventors. \_\_\_\_\_

12. Maria gave a report on Thomas Edison to her class. \_\_\_\_\_

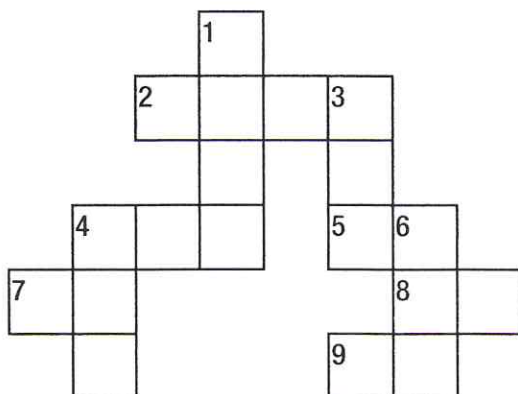
13. The students asked questions afterward. \_\_\_\_\_

14. Steve asked if Edison invented the car. \_\_\_\_\_

15. Maria told Steve that the car was invented by Karl Benz and Gottlieb Daimler. \_\_\_\_\_

## Part 3

Decide which pronoun could take the place of each clue. Use those pronouns to complete the puzzle.



### Across

2. Edison and Franklin
4. Thomas Edison
5. You, Steve, and me
7. You and I
8. Benjamin Franklin
9. Myself

### Down

1. Karl Benz and Gottlieb Daimler
3. Yourself
4. Maria
6. Maria's sister

Name \_\_\_\_\_

# Read and Discover

## Pronouns for Things

### Lesson 15

In 1872, Elijah McCoy patented a cup that dripped oil onto machinery. **That** was his most famous invention. The oil cup kept machine parts from wearing out.

What does the word in bold type refer to? Circle your answer.

- a. 1872      b. Elijah McCoy      c. the cup that dripped oil

The pronouns **this** and **these** refer to a thing or things close by.  
The pronouns **that** and **those** refer to a thing or things far away.

See Handbook Section 15

## Part 1

Underline the pronoun in each sentence.

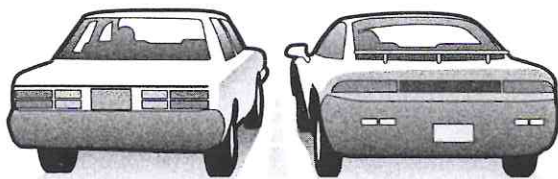
1. "This is oil," Sheila said.



2. "Put that in the car," Sheila said.



3. "The oil helps those run,"  
Sheila continued.



4. "These may be useful, too,"  
said Mikio.



## Part 2

Pick a pronoun from the word bank to replace each underlined phrase. Write the pronoun after the sentence.

this

that

these

those

5. The cars over in the junkyard do not run anymore. \_\_\_\_\_
6. The cars next to me are new. \_\_\_\_\_
7. The robots beside me help make car engines. \_\_\_\_\_
8. The robots over there put the roofs on. \_\_\_\_\_
9. The tiny robot in the parking lot is a clever invention. \_\_\_\_\_
10. The computer I am holding controls it. \_\_\_\_\_
11. The switch on the wall turns the lights on. \_\_\_\_\_
12. The key in my pocket locks the door. \_\_\_\_\_

## Part 3

Imagine that you could visit a factory that makes something you like, such as pretzels, baseballs, or games. Write about what you might see there. Use *this*, *that*, *these*, and *those*. You might want to read about that kind of factory first.

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Name \_\_\_\_\_

# Read and Discover

## Action Verbs

### Lesson 16

In 1997 Donna Shirley's invention **rolled** across Mars.  
Which word in bold type tells what Donna Shirley's  
invention did? \_\_\_\_\_

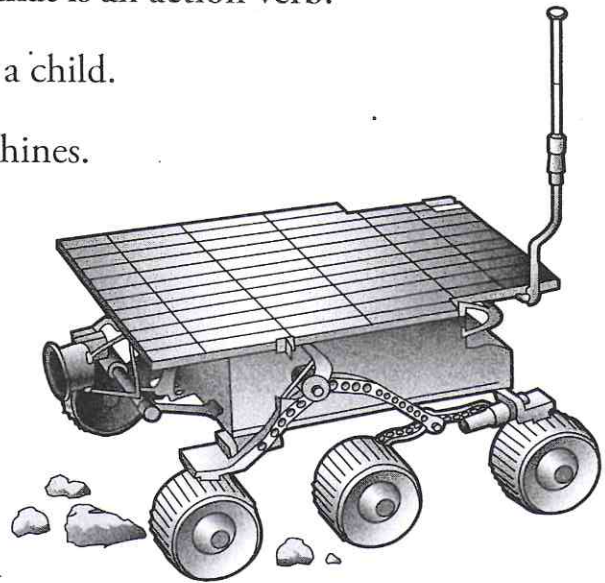
An **action verb** tells what the subject of a sentence does or did.

See Handbook Section 16

## Part 1

Circle the word in bold type in each sentence that is an action verb.

1. Donna Shirley **loved** stars and **planets** as a child.
2. In high **school**, she **drew** designs for machines.
3. At age sixteen, she **flew** an **airplane**.
4. **Eventually**, Donna **moved** to California for an exciting job.
5. She **led** a **team** on a project to send a machine to explore Mars.
6. Shirley **designed** a vehicle for the **project**.
7. On July 4, 1997, a machine **traveled** on **another** planet for the first time.
8. The Mars rover **rolled** a few feet across Mars.
9. It **collected** **information**.
10. The rover **sent** amazing pictures of Mars back to Earth.



Donna Shirley designed the Mars rover for NASA.

## Part 2

Pick three action verbs from the word bank or think of your own. Use the verbs to write three sentences that tell what the Mars rover did. Underline the action verb in each sentence you write.

landed      traveled      photographed      rolled      gathered

11. \_\_\_\_\_

\_\_\_\_\_

12. \_\_\_\_\_

\_\_\_\_\_

13. \_\_\_\_\_

\_\_\_\_\_

## Part 3

Answer these riddles. Each answer is a boldfaced word from page 43. Write one letter on each blank to make a word.

14. What flies but is not a bird?

\_\_\_ ○ \_\_\_ ○ ○ \_\_\_ ○ \_\_\_

16. What is a neighbor but is millions of miles away?

○ ○ \_\_\_

15. What is round but cannot bounce?

○ \_\_\_ ○ ○ \_\_\_

Write three action verbs that you can make from the circled letters.

\_\_\_\_\_

Name \_\_\_\_\_

# Read and Discover

## Verbs That Tell About the Past

### Lesson 17

Today, Ling and her friend **talk** on the telephone.  
Alexander Graham Bell **invented** the telephone  
between 1874 and 1876.

Which word in bold type shows that the action happened in the past? \_\_\_\_\_

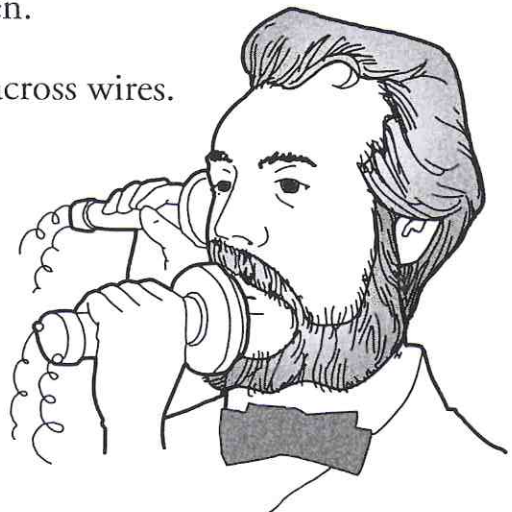
**Past tense verbs** show that the action happened in the past.  
Many past tense verbs end in **-ed**.

See Handbook Section 16

## Part 1

Circle the verb that fits in each sentence.

1. In 1872, Alexander Graham Bell (opens/opened) a school in Boston.
2. He (trained/trains) teachers to help deaf children.
3. Bell also (dreams/dreamed) of sending sounds across wires.
4. Thomas A. Watson (helps/helped) him find a way to do this.
5. Bell and Watson (work/worked) for about two years on the invention.
6. They (call/called) the invention the telephone.
7. Bell and Watson (show/showed) their telephone at a fair in Philadelphia in 1876.
8. One British scientist (calls/called) it "the most wonderful thing in America."
9. Yesterday, our class (visits/visited) a science museum.
10. At the museum, we (learn/learned) how a telephone works.



Alexander Graham Bell was fascinated with sound.

## Part 2

Answer these questions about you and your class. Write in complete sentences. Use the past tense form of the underlined verbs.

11. What did you learn this week? \_\_\_\_\_

12. What games did you play together last week? \_\_\_\_\_

13. What place did you visit together this year? \_\_\_\_\_

## Part 3

Find seven hidden past tense verbs. Three go across and four go down. Write them on the lines. Circle the ending that shows they are past tense verbs.

L	M	S	M	E	L	L	E	D
E	N	X	A	C	I	H	M	N
A	D	P	B	R	K	X	L	T
R	P	Y	L	D	E	J	O	P
N	R	Z	A	X	D	K	O	T
E	S	B	C	D	Y	L	K	A
D	T	S	R	E	X	E	E	L
H	U	S	T	A	Y	E	D	K
I	V	C	F	G	H	I	J	E
J	S	M	I	L	E	D	L	D

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_

Name \_\_\_\_\_