Vocabulary can be reinforced by using a variety of game formats. Focus may be placed upon word building, spelling, meaning, sound/symbol correspondences, and words inferred from sentence context.

**TEACHING TECHNIQUES.** The full communicative potential of these games can be realized through good spirited team competition. Working in pairs or in small groups, students try to be the first to correctly complete a task.

These games can be used at the end of a lesson or before introducing new material as a “change of pace” activity. Teachers should allow sufficient time for class discussion after the game has been completed.
## Add a letter

A. From each word below, make two new words by adding a letter (1) at the end; (2) at the beginning.

1. go __
   __ go
2. oil __
   __ oil
3. arm __
   __ arm
4. hear __
   __ hear
5. hat __
   __ hat
6. not __
   __ not

B. Form new words as in A (above). In addition, form a third word by adding a letter at the beginning and the end of the word.

1. ever __
   __ ever
   __ ever __
2. car __
   __ car
   __ car __
3. eight __
   __ eight
   __ eight __
4. in __
   __ in
   __ in __
5. on __
   __ on
   __ on __
6. pin __
   __ pin
   __ pin __
7. at __
   __ at
   __ at __
8. he __
   __ he
   __ he __
9. an __
   __ an
   __ an __
10. all __
    __ all
    __ all __
11. ear __
    __ ear
    __ ear __
12. can __
    __ can
    __ can __
Change the first letter

Make one word into another by changing the first letter.

Example: Change a possessive pronoun to not sweet. Answer: your, sour

1. Change a past tense of BE to an adverb of place.
2. Change an adjective meaning not high to an adverb meaning at the present time.
3. Change a period of time to a term of affection.
4. Change was seated to have a meal.
5. Change a part of the head to international strife.
6. Change a respectful title to atmosphere.
7. Change to learn thoroughly to not as slow.
8. Change very warm to a negative adverb.
9. Change a motor vehicle to not near.
10. Change a man's title to a female relative.
A T-party

Put T before a word to form a new word.

**Example:** Add a T to a *firearm* and get a *thing of little value*. Answer: *rifle*, *trifle*

1. Add T to *at this place*, and get *at that place*.
2. Add T to a *covering for the head*, and get a *demonstrative adjective*.
3. Add T to *rip*, and get a *journey*.
4. Add T to a *possessive pronoun*, and get a *demonstrative adjective*.
5. Add T to a *part of the head*, and get to *pull apart*.
6. Add T to *of great age*, and get *narrated*.
7. Add T to a *mistake*, and get *great fear*.
8. Add T to the *entire amount*, and get *of great height*.
9. Add T to a *shower from the sky*, and get to *teach*.
10. Add T to a *kind of vase*, and get to *rotate*.

Change a letter

Each picture illustrates a common word. Change one letter of each word to produce the name of an animal.

**Example:**

1. [Hat] — *ax* — *ox*
Change the last letter

Make one word into another by changing the last letter.

Example: Change a color to a welcome. Answer: green, greet

1. Change a monarch to an adjective describing a good quality.
2. Change a negative to the present time.
3. Change a female horse to a stain or blemish.
4. Change alarm or worry to a notable achievement.
5. Change a reading process to a short dramatic act.
6. Change a person who lacks good judgment to something to eat.
7. Change a unit of weight to a color.
8. Change a part of a plant to a hole or a crack.
9. Change the top or summit of a mountain to a fruit.
10. Change a woman servant to what is delivered by the postal service.
Animals in hiding

Find the *animals* hiding in the following sentences.

*Example* Close the door at once! (rat)

1. That will be a real help.
2. She came late every day.
3. He came to America today.
4. Eric owes me ten cents.
5. We made errors in each one.
6. Do good workers succeed?
7. If I shout, he’ll hear me.
8. If Roger comes, we’ll begin.
9. We will go at two o’clock.
10. Is it the sixth or seventh?
11. In April I only came once.
12. I’ll sing; you hum on key.
13. I made a Xerox copy of it.
14. She clothes naked babies.
15. At last, I, Gerald, had won.
16. Was Pilar mad, ill, or glad?
17. That man ate eleven cookies.
18. Your comb is on the table.
19. We’re sending only one book.
20. He regrets having said that.
21. If Al concentrates, he’ll win.
22. When I withdrew, Al rushed in.
23. He called Mikko a lazy boy.
24. It’s only a kilometer away.
Fair Finds

Below is a scrambled list of animals and foods commonly found at state and county fairs. Unscramble each word, placing one letter in each blank. To help you, some letters have been placed in the correct positions.

1. ipg
2. wco
3. cukd
4. atog
5. keac
6. nocr
7. srohe
8. tapoot
9. teutlec
10. arctpito
11. umppikn
12. uahqss
13. plaep ipe
14. recyrh ipe
15. conott dncay
16. mewatlrone
Animal Crazy Quilt

Step 1. Unscramble the names of the animals. Then place each of the letters, in order, in the “quilt” box below. Place one letter in each box working across from left to right. To get you started, the first animal name has been completed.

1. ERED  D E E R
2. ATR ___ ___ T
3. ELAS ___ ___ A ___
4. GDO ___ O ___
5. ABRE B ___ ___
6. GPI ___ ___ G
7. TAN A ___ ___
8. ELE ___ E ___
9. ATC ___ ___ T
10. OILN ___ I ___ ___
11. OWC ___ O ___
12. FLWO W ___ ___ ___

Step 2. Place the circled letters, in order, into the spaces below to learn the name of the fastest animal in the world. The first letter, from the word deer has been placed for you.

Which animal is the fastest in the world?

This bird can fly at over 200 miles per hour, making it the fastest animal in the world:

P E ___ ___ ___ ___ ___ E F ___ ___ ___ ___ N
Hidden colors

Find the name of a color hidden in each sentence: (The first one has been done as a sample.)

1. Some parts of the face are the eye, eyebrow, nose, and mouth.
2. I’m not really dumb; lack of sleep made me forget the answers.
3. If I tell you what she said, will you agree never to tell anyone?
4. In the box we found a pencil, a pin, keys, and a few coins.
5. Are three zeros enough to write the number one thousand?
6. The wheelbarrow hit eleven rocks as it rolled down the hill.
7. When the nurse gives you the injection, just yell “Ow” if it hurts.
8. Eisa and Otto ran gently down the path to the river.
9. Before arriving at Kuala Lumpur, please fill out these forms.
10. I play nearly all the stringed instruments: violin, cello, bass viol, etc.
11. When I opened the window, shining rays of sunlight flooded the room.
12. We’ll go in Jim’s car. Let’s leave at six o’clock.
A numbers game: seen and heard

I. Each of the sentences below contains a hidden number. It may be wholly within a word or may go across two or more words. In each case the spelling is exactly the same as the written form of the number, although the pronunciation may be different.

   Example: If I've said something to hurt you, I’m sorry, (five)

A. Listen carefully to the dialogue on the tape recording.
B. It would be better to learn the language thoroughly.
C. When the plane took off, I very much wanted to cry.
D. We thought that was the best year of our lives.
E. Now their team is even with ours.
F. “Honesty is the best policy” is a well-known maxim.
G. The papers I xeroxed didn’t turn out very well.
H. The words were spoken in each of the languages native to those present.
I. Paul is going to leave today; Robert went yesterday.
J. You replaced the thou and thee of English several centuries ago.
K. I hope that our efforts to rectify the error will comfort you a little.
L. Her remarks about the silent way made Caleb ill; I on the other hand, thought the points were well taken.
M. Wish I could have been present at this event you are telling us about.
II. The numbers hidden in the following sentences may be heard but not seen. That is, the sound or pronunciation of the number is present, but not the spelling.

Example: We found Janet well versed on the subject, (twelve)

A. John is now working as a tutor of English.
B. He answered before I could even finish the question.
C. Mary ate the whole pizza all by herself!
D. We all breathed a sigh of relief when our team finally won the game.
E. Even I know better than that!
F. Turn the radio off if teenagers come into the house.
G. We both respect your judgment very much.
H. Robert ended his speech on a strong note.
I. The zookeeper moved the sick seals to a different cage.
J. The baker added leaven and some water to the bread dough.
The following activities build upon a common base of letters to create new words.

The “ANT” family

What kind of an ant works with figures? An account **ANT**. Get it? Now what kind of an ant:

1. Lives in the jungle?
2. Is far away?
3. Is extraordinarily large?
4. Works for a master?
5. Is good-natured?
6. Is unchanging?
7. Is luxurious?
8. Is one who takes part?
9. Is a very small child?
10. Is sleeping?
11. Is very bright?
12. Is empty?
13. Is immediate?
14. Is plentiful?
15. Has moved to a different country?
16. Is meaningful?
17. Is something that grows?
18. Has influence over others?
19. Is unsure and indecisive?
20. Lives in a certain place?
An artful puzzle

Each answer to the clues below ends in the letters -art. How many can you get?

1. A portion of the whole
2. A navigator’s map
3. To make a beginning
4. Clever; intelligent
5. Seat of the emotions; part of the body
6. To leave; go away
7. A two-wheeled horse drawn vehicle
8. To pass on information; communicate knowledge
9. A fruit-filled pastry
10. To frustrate; oppose and defeat a plan
11. One who boasts
12. The sum of two pints

Four letters in common

The answer to each of the definitions below is a five-letter word. Each of these words ends in the same four letters, but has a different first letter. What are they?

1. Power
2. Vision
3. Opposite of loose
4. Not dark
5. Opposite of wrong
6. Not day
7. Contend, struggle
8. The number of this clue
Do you know these cities?
(Adapted from H.A. Dayananda, Sri Lanka, Forum, April, 1986)

Use the definitions to identify the words ending in city. The first letter of each word is given as an additional clue.

1. V _____ CITY speed
2. S _____ CITY plainness; lacking anything fancy
3. E _____ CITY generates power
4. A ____ CITY boldness; rudeness
5. D ____ CITY deception; lying behavior
6. F ____ CITY fierceness
7. S ____ CITY an insufficient amount
8. C ____ CITY ability to hold or contain
9. S ____ CITY wisdom
10. E _____ CITY A rubber band has this quality
11. F ____ CITY bliss; happiness
12. T ____ CITY persistence; quality of holding on to one’s views
13. E ____ ____ CITY group membership defined by one’s national, cultural, religious or linguistic background
14. V ____ CITY truthfulness
15. E _____ ____ CITY being centered upon oneself
16. R _____ CITY a complementary relationship often regarding trade and law
17. C ____ CITY involvement in a crime
18. D _____ CITY being devoted to home and family life
19. P ____ CITY information to attract attention
20. P ____ CITY combative nature; fighting attitude
Simple arithmetic: $? + 1 = X$

Add one or more letters before the word one to get the word defined.

1. $? + \text{one} = \text{something that holds ice cream}$
2. $? + \text{one} = \text{part of a skeleton}$
3. $? + \text{one} = \text{no longer here}$
4. $? + \text{one} = \text{accomplished; finished}$
5. $? + \text{one} = \text{without anyone else present}$
6. $? + \text{one} = \text{a musical sound}$
7. $? + \text{one} = \text{a rock}$
8. $? + \text{one} = \text{a geographical region or area}$
9. $? + \text{one} = \text{an identical copy}$
10. $? + \text{one} = \text{a chair for a king or queen}$
11. $? + \text{one} = \text{a windstorm; tornado}$
12. $? + \text{one} = \text{an instrument for talking to someone far away.}$
13. $? + \text{one} = \text{nobody}$
14. $? + \text{one} = \text{not any}$
15. $? + \text{one} = \text{two}$
A perfect ten puzzle

The word ten can be found in all the answers except one (and that has already been provided for you). Each of the words defined begins at the corresponding number of the diagram; it may end at or after the following number. That is, each of the words overlaps with one or more letters of the following word.

1. n. something contained; the substance or matter of a written work or an object; adj. satisfied
2. part of a plant that curls around any nearby support
3. be attentive; try to hear
4. not fully worked out or developed; done as a trial; hesitant, uncertain
5. to make longer; stretch forth; enlarge
6. a relaxation of strained relations or tensions as between nations (an English word borrowed from French)
7. a game for two or four players who use rackets to hit a ball back and forth across a net on a level court
8. to make or become less hard; to weaken or make pliant
9. adj. tightly stretched or strained; n. a verb form that expresses distinctions of time
10. a grammatically self-contained speech unit consisting of a word or syntactically related group of words usually containing a subject and a predicate
11. far-reaching; covering a large area
12. to reveal truths to; to free from ignorance; to inform
13. the language taught by readers of this text
14. hurry; move swiftly; be quick
15. a person who pays rent for the use of land, a house, etc.
16. one of a pair of jointed sense organs on the head of an insect, crab, lobster, etc.; a feeler
17. to be present at; to accompany; to listen, pay heed to; to wait on, give care to
Teacher
How many English words can you make by combining the letters in the word TEACHER? 
Rules: Letters may be combined in any order, but a letter may be used only as many times as it occurs in the word TEACHER. Proper names and abbreviations are not permitted.

Maine
How many words can you make from the word MAINE, the northeasternmost state in the United States.

Clues:
1. Nickname for Mother
2. principal; chief
3. belonging to me
4. male person
5. cruel; average; signify
6. grown-up boys
7. hair on a horse’s or lion’s neck
8. myself (as object)
9. a form of to be
10. indefinite article
11. purpose; objective
12. preposition
13. myself (as subject)
14. contraction for I am
15. what you are called
Words Within Words

How many words can you make from the letters in the phrases below?
Do not use letters more often than they appear in the phrases. Each word you find must be at least two letters long. See if you can find at least 20 words for each of the phrases.

I. Classroom teacher
   Example: heart
   _______     _______     _______     _______     _______     _______
   _______     _______     _______     _______     _______     _______
   _______     _______     _______     _______     _______     _______
   _______     _______     _______     _______     _______     _______
   _______     _______     _______     _______     _______     _______

II. English students
    Example: slide
    _______     _______     _______     _______     _______     _______
    _______     _______     _______     _______     _______     _______
    _______     _______     _______     _______     _______     _______
    _______     _______     _______     _______     _______     _______
    _______     _______     _______     _______     _______     _______

III. Language homework
     Example: moon
     _______     _______     _______     _______     _______     _______
     _______     _______     _______     _______     _______     _______
     _______     _______     _______     _______     _______     _______
     _______     _______     _______     _______     _______     _______
Tools
How many words can you make out of the word TOOLS?

Can you find:

- a preposition
- a word meaning “also”
- a word meaning “implement”
- the capital of Norway
- British slang for “lavatory”
- goods taken away unlawfully
- a poetic word meaning “look”
- a plot of ground
- very much
- a word meaning “that cannot be found”
- a song sung by one person
- therefore
- chimney dirt
- a drunk
- a name for the sun
- a small narrow opening
- something to sit on
Ninepins
Can you knock down, one at a time, each of the bowling pins in the row above, so that the remaining letters always spell an English word? HINT: Begin by taking out the second “T.” That will leave the word starling, which is the name of a bird. (The remaining words are easier and more familiar.)

SHRINKING WORDS

The object of this game is to make each word shorter by taking away one letter at a time (keeping the remaining letters in their original order) to form a new word. Do this as many times as you can, each time forming a new word as a letter is deleted.

Example: FORUM, FORM, FOR, OR

1. PLATE
2. STAND
3. WAIST
4. STOOP
5. SNIKE
6. CHASTE
7. THINK
8. PAINT
9. BOUNCE
10. BOARD
11. BEREFT
12. FRIEND
13. SHINGLE
14. DINNER
15. RELATE
Westward ho!

Change one word into another in steps by changing one letter at each step to make a new word.

**Example:** Change EAT to HOT in 2 steps: EAT — HAT — HOT

1. Change ROPE to RIDE in 2 steps:
   - ROPE
   - RIDE
2. Change ROPE to MULE in 3 steps:
   - ROPE
   - MULE
3. Change ROPE to LIFE in 4 steps:
   - ROPE
   - LIFE
4. Change FLOUR to BREAD in 6 steps:
   - FLOUR
   - BREAD
5. Go from EAST to WEST in 3 steps:
   - EAST
   - WEST
6. Change MEAT to STEW in 6 steps:
   - MEAT
   - STEW
7. Put FOOT into SHOE in 3 steps:
   - FOOT
   - SHOE
Alchemy

Using the clues provided, go from the first word to the last word by adding a letter at each step to form the intervening words.

From nothing to a precious metal in 3 steps:
1. Nothing
2. Move; progress
3. Deity
4. Precious metal

From one to a bridge in 3 steps:
1. One (article)
2. One (article)
3. Cooking utensil
4. Bridge

From myself to a span in 5 steps:
1. Myself
2. I would (contraction)
3. To free or do away with (something undesirable)
4. To sit on and be carried along
5. A woman just married or about to be married

An alternate route:
1. Myself
2. Prefix meaning two
3. Command or ask
4. Stay, continue; wait; reside
5. A woman just married or about to be married
6. Span

...
Bird watch

By changing one letter at a time, change BIRD to LARK and BIRD to DOVE (definitions are provided for each transitional word).

**BIRD**

_ _ _ _ to tie or fasten; to bandage
_ _ _ _ people who play music together
_ _ _ _ a place where money is kept for safekeeping
_ _ _ _ cry of a dog; outer covering of a tree

**LARK**

**BIRD**

_ _ _ _ poet; Shakespeare
_ _ _ _ naked
_ _ _ _ to make weary by being uninteresting
_ _ _ _ part of the skeleton
_ _ _ _ finished; accomplished (past part.)

**DOVE**
A pale pachyderm puzzle

Fill in the spaces to make words that fit the definitions. The circled letters from top to bottom will spell out a two-word idiom that means **rare and expensive possessions that are burdensome to maintain.**

1. Somewhat hot
2. Partial darkness produced by a shelter from the sun
3. Tracks that trains go on
4. Give ear to; pay attention
5. A piece of furniture consisting of a smooth flat surface resting on four legs
6. A fast train that does not stop at intermediate points
7. Near
8. Large woody plants that provide shade
9. Not complicated; easy
10. Something, no matter what; whatever thing
11. High parts of the earth’s surface
12. A stopping place on a railroad line; depot
13. A discussion in which there is disagreement
14. Structures with walls and a roof

<table>
<thead>
<tr>
<th>Definition</th>
<th>Space</th>
</tr>
</thead>
<tbody>
<tr>
<td>Somewhat hot</td>
<td>O __</td>
</tr>
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</tr>
<tr>
<td>Structures with walls and a roof</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ O</td>
</tr>
</tbody>
</table>
A four footed puzzle

If you correctly fill in the blanks with each of the four-letter words defined below, the initial letters (left-hand vertical column) will spell the name of an animal, and the final letters (right-hand vertical column) will spell an adjective that describes that animal.

1. ___ ___ ___  
2. ___ ___ ___  
3. ___ ___ ___  
4. ___ ___ ___  
5. ___ ___ ___  
6. ___ ___ ___  
7. ___ ___ ___  

1. Small hoofed farm animal  
2. Thought; concept  
3. Existing; not fictitious  
4. A friend (two words, colloquial)  
5. Front part of the head  
6. Suits; matches in size  
7. Opposite of entrance

Middle riddle

Identify each of the pictures below. In the space beneath each picture write the middle letter of each word. For example, the first picture is an apple and the middle letter is P. When finished, the Middle Riddle will reveal an important thing that you can do to help the environment.

```
\[\begin{array}{c}
\text{apple} \\
\text{balloon} \\
\text{bat} \\
\text{1} \\
\text{button} \\
\text{hat} \\
\text{pretzel} \\
\text{arrow} \\
\text{martini} \\
\text{key}
\end{array}\]
```
A national symbol

Fill in the spaces to make words that fit the definitions. The circled letters from top to bottom will spell out the name of one of the national symbols of the United States of America.

1. Something that flies
   
2. A place to play or relax in
   
3. American currency
   
4. A valuable mineral
   
5. Big; large
   
6. The world of living things
   
7. A busy road
   
8. A symbol
   
9. A low area of land
1. Considering the pronunciation of laugh, women, and nation, how would you pronounce GHTI?

2. Considering the pronunciation of Thomas (or thyme), weigh, school, glamour, and handsome (or handkerchief), what English word might be spelled THEIGHCHOUND?

3. Considering the pronunciation of said, pneumonia, of, action, belle, dough, and shepherd, what English word might be spelled AIPNFOLLEOUGHPH?

The poem below is full of sound/symbol surprises in English.

I take it you already know
Of tough and bough and cough and dough?
Some falter, (but I think not you)
On hiccough, thorough, tough and through.
Well done! And now you wish, perhaps,
To learn of less familiar traps?

Beware of heard, a dreadful word,
That looks like beard and sounds like bird.
And dead; It’s said like bed not bead—
For goodness sake, don’t call it deed!
Watch out for meat and great and threat
They rhyme with suite and straight and debt.

A moth is not the moth in mother
Nor both in bother, broth in brother;
And here is not a match for there,
Nor dear and fear for bear and pear—
And then there’s dose and rose and lose;
Just look these up, with goose and choose.

Now, cork and work; and card and ward;
And font and front; and word and sword;
And do and go; and thwart and cart—
Come, come, I’ve hardly made a start!
A dreadful language? Sakes alive!
I’d mastered it when I was five!

Anonymous
"We the people of the United States, to secure the blessings of liberty to ourselves and our posterity, do ordain and establish this constitution for the United States of America."

*s-f* words

There was a time when the English “s” was written like an “f,” as shown in the above excerpt from *The Federalist*, a series of newspaper essays published between the years 1787 and 1788 to urge ratification of the U.S. Constitution. If the words defined below were written in that 18th century style, you might confuse the two words in each pair. What are they?

**Example:** Moral fault—Part of a fish = *Sin*—*Fin*

1. A star—A good time
2. Identical—Reputation, renown
3. Noise—Discovered
4. Half a dozen—Repair
5. Rest on a chair—Be appropriate, suitable
6. Vision—Contend, struggle
7. What a plant grows from—Nourish
8. Was on a chair—Not thin
9. Offer a product for money—Past tense of *fall*
10. Make a boat go in the wind—Be unsuccessful
11. Something to sit on—An exploit or deed
12. Cleverly deceitful—Soar on wings
Slight flight s/f game

In colonial America, one form of the letter s used in writing and printing was a “long s” : f, which looked very much like the letter f. If the long s were used in writing the words defined in the left-hand column (all of which begin with s), each of those words would look like a word defined in the right-hand column, (all of which begin with f). How many of the s-f “minimal pairs” can you match up together?

Example: 1 - k (slight—flight)

1. Small in amount; not important
2. A number
3. An important part of a wind-driven boat
4. A noise; healthy
5. Vision
6. Identical; alike
7. To take a seat
8. Took a seat; was seated
9. The hot, bright star around which the earth revolves
   The part of a plant that can be sown to grow into a new plant; kernel origin
10. Tricky; able to fool others
11. Tried to find; looked for

a. To nourish; give food to
b. Big; thick; fleshy; full of oil
c. To repair
d. To move through the air by using wings, or in an airplane
e. To be the right size; to be suitable
f. To not succeed
g. Did battle with
h. Amusement; lively play or joking; a happy time
i. Discovered
j. Great reputation; the condition of being well known
k. The act of flying
l. Battle
Fauna sauna $s/f$ game

Here is a more advanced version of the $s/f$ game.

Example: Clue—A *steam bath for animals*. Answer: *Fauna sauna*

1. A foolish horse
2. An unhappy trend
3. A black legend
4. A light-headed holy person
5. A light-shoe tosser
6. A tricky winged insect
7. Quick-moving icy rain
8. Opposite of the lost chord
9. A knighted evergreen tree
10. A thin strip of wood without humps
11. A trickier aviator
12. Not a fast stream
Mind over matter

Using the position and arrangement of the letters and words in each box find the English word or phrase the picture represents.
Cornerstone

Using the position and arrangement of the letters and word in each box, find the English word or phrase the picture represents. The first one has been done as an example.
three-letter words
For each definition, give two three-letter words that begin with the same letter.

*For example:*
something that holds a vegetable—pea pod

1. a teeter totter
2. walk quietly
3. an insect that bites at night
4. the most popular of something
5. an amateur foreign correspondent
6. sultry weather
7. later on
8. end of the day

JUST FOR FUN!
Match each riddle to its answer and identify the “play” on words.

1. What flowers are always right under your nose?  
   **d. Tulips**
2. What do ghouls like at the amusement park?  
   **a. Ghoul, calm and collected**
3. What is used to build houses in Alaska?  
   **h. Igloo**
4. What do you call a pileup of giraffes?  
   **b. A giraffic jam**
5. What kind of witch turns on lights?  
   **e. A lights witch**
6. How does Dracula behave during a crisis?  
   **f. The roller-ghoster**
7. What happened to the fish that jumped on the scale?  
   **g. It got a weigh**
8. How can you divide the ocean?  
   **c. With a sea-saw**
Did Dinosaurs have armor?

Armored dinosaurs such as the thirty-five-foot-long and ten-foot-wide ankylosaurus (an-key-low-SORE-us), which means “fused lizard,” were like living tanks! Ankylosaurus had a thick, strong skull, wide bony plates and studs along its back and sides, and protective eyelids made of bone. And if those weren’t enough, ankylosaurus also had a remarkable tail. At the end of the tail were two large lobes of bone. If attacked, this dinosaur could swing this deadly tail from side to side like a club. With such an incredible weapon, ankylosaurus could easily knock down a predator or even break an enemy’s leg.

The scrambled letters on the right form words when added to the letters of ankylosaurus’s name on the left. Can you solve the puzzle?

Hint: The words can all be found in the text above.

---

An
K
Y
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bcu
slbe
ngiw
rmro
sfde
eaortpd
lkls
sutd
How many times can you find the word TREE? Only the letters that spell TREE are in the puzzle. Start with any T. Move to R, to E, and to another E. You can move up and down, backwards and forwards, diagonally and at an angle. Do not skip or jump over any letters.

H I D D E E E N

Find the name of a tree hidden in each sentence.
Sample: It’s sad to see a man grove I when he should really stand up for his rights.

1. Many people would rather use cash than credit cards.
2. The treasure map led us to the secret hiding place.
3. If the deal goes through, Tim will own his dream house.
4. There was a tiny top in Eddie’s Crackerjack box.
5. Down near Oyster Bay, berry bushes were in blossom.
6. I knew there would be echoes in the empty house.
7. I told Mimi mosaics are small tiles.
8. In Ohio, Akron is the center of rubber manufacturing.
9. The asp entered the cabin through a crack in the wall.
10. The new baseball cap pleased Andy.
11. Mr. Griff ignored his son’s tantrums.
12. Since Darwin’s time people have been intrigued by the theory of evolution.

The GREEN Game

Test your knowledge of the word Green. There are 12 expressions or phrases containing the word GREEN.

1. To be jealous.
2. Prickly climbing shrub.
3. Proverb regarding a resentment comparison.
5. A vegetable vendor.
6. A gardening virtuoso.
7. Danish island.
8. Advocacy group.
10. City in North Carolina.
11. Revolutionary War General.
12. Someone won the job, or a novice
Homophones (sound-alikes) are words that sound alike but are spelled differently with different meanings. Read the questions below and fill in with the correct answer.

Example:
Is the top of the mountain a **peek** or a **peak**?
The correct is **peak**.

1. Does a dog have a **tail** or a **tale**? __________
2. Which are surrounded by water, **aisles** or **isles**? __________
3. If you were sad, would you shed **tears** or **tiers**? __________
4. Would a telephone **wring** or **ring**? __________
5. I one or won a CD player in the contest. __________
6. That’s the best movie Cathy had ever **scene** or **seen**. __________
7. The meeting was so long, I was **board** or **bored**. __________
8. What’s your favorite breakfast **serial** or **cereal**? __________
9. The king’s **rain** or **reign** lasted 30 years. __________
10. I couldn’t **bear** or **bare** to sit through that play again. __________
11. Despite all of our yelling, he still couldn’t **hear** or **here** us. __________
12. The rose or **rows** is the only flower Paula liked. __________
13. Do windows have **pains** or **panes**? __________
14. We **missed** or **mist** our train by 30 minutes. __________

---

Homographs (look-alikes) are words that are spelled alike, but differ in meaning and sometimes pronunciation. Fill in the homograph that completes each riddle below.

Example:
Why is an English teacher like a judge?
Both give people **sentences**.

1. Why is the moon worth only a dollar?
   Because it has four __________.
2. Why do gardeners make good writers?
   They are always digging up __________.
3. Why was the baker a cheap date?
   He was always running out of __________.
4. What did one battery tell the other battery?
   “I get a ____________ out of you.”
5. How is a coward like a leaky faucet?
   They both ____________.
6. What did the mother chimney say to the baby chimney?
   “You’re too young to ____________.”
7. What house can you lift off the ground?
   A ____________.
8. Why are oysters lazy?
   They are always found in ____________.
9. How do you know when you’ve missed the train?
   You can see its ____________.
10. How can you tell a dogwood tree?
    By its ____________. 
Scrambled cities

Below are names of cities in the United States that are scrambled. Some of the names are capitals, and some are large cities. See if you can unscramble them and then guess what state they are in.

1. MMIA ____________________ is in ____________.
2. SOBNOT __________________ is in ____________.
3. OCCHIGA __________________ is in ____________.
4. TIRETOD __________________ is in ____________.
5. OOSHNUT __________________ is in ____________.
6. GRIPTHTUP __________________ is in ____________.
7. VELLDANCE __________________ is in ____________.
8. CANSAMTROTE __________________ is in ____________.
9. MOLAREBIT __________________ is in ____________.
10. CONTARSHEL __________________ is in ____________.

Just for fun!

What do you get when you cross a galaxy with a toad? Star warts.

First lion: “Every time I eat, I feel sick.”
Second lion: “I know. It’s hard to keep a good man down.”

Why did the golfer wear an extra pair of trousers?
In case he got a hole in one.

What did the picture say to the wall?
“I’ve got you covered.”

Why are pianos so noble?
Because they are either upright or grand.

To the future...

As we cross into the new millennium, new words and phrases will enter into our vocabulary. Below is a list of words that took on new meanings in the 1990s. Can you guess their meanings? Do you think any of these will survive into the next century? See if you can choose the right answer.

Note: Some of these meanings are not in the standard dictionaries, so check page 183 for the answers.

**Multimedia** n.— A. information overload, B. combination of media, C. new interpretation, D. TV news presenters.

**Laptop** n.— A. piece of furniture, B. tray, C. portable computer, D. small pet.

**Megacity** n.— city that is: A. large, B. new, C. ancient, D. abandoned.

**Real-time** adj.— A. as rapidly as needed, B. local, C. unsynchronized, D. broadcast live.

**Digital** adj.— A. precise, B. clear, C. handheld, D. using numbers.

**Alternative** adj.— A. nontraditional, B. mixed, C. suitable, D. lively.

**Internet** n.— A. fabric, B. computer network, C. satellite, D. spy organization.

**Spin doctor** n.— A. opinion manipulator, B. disc jockey, C. coach, D. forecaster.

**On-line** adj.— A. financially sound, B. prerelease, C. longitudinal, D. connected.

**Transnational** adj.— A. from coast to coast, B. local switching, C. beyond national boundaries, D. inclusive.

**Globalize** v.— A. equalize, B. anticipate, C. make worldwide, D. initiate.

**Information superhighway** n.— A. computerized traffic control, B. new school programs, C. space probes, D. computer communications infrastructure.
Fruit maze
Find as many names of fruits as you can.
Begin in any square and proceed letter to
letter in one continuous line in any direction,
horizontally, vertically, or diagonally until the
word is formed.

THE SILENT BEE
The bee in DEBT is silent because it owes the
flowers a lot of pollen and it cannot pay.
The bee in DOUBT is silent because it is not
sure if it can fly across the desert.
The bee in WOMB is silent because it does not
want to disturb the child in its blissful slumber.
The bee in TOMB is silent because it does not
want to wake the dead.
And the bee in PLUMBING is silent because it
is afraid it may drown in a pool of water.

WENCESLAUS J. N. KOMBA
Dar es Salaam, Tanzania

Jumbled Vegetables
The letters to common vegetables are all jumbled.
Put the letters in the right order.

1. OOMATT
2. NABAAN
3. ABBHURR
4. PISHCAN
5. GROANE
6. AHUSSQ
7. CULTEET
8. RAFELUWOCI
9. LEETNOWARM
10. CIBORLOC
11. BRUMUECC
12. ANSIIRI

oxymorons
An oxymoron is a figure of speech in which two incongruous,
contradictory terms are combined, like the phrase “good
grief.” In fact, the word oxymoron is an oxymoron because its
two Greek roots are of opposite meaning — oxys “sharp” and
moron “foolish.”
Here is a list of 10 oxymora. See how many you can
match to make the correct phrases.

old opposition
pretty unseen
civil news
small war
deafening secret
industrial vacation
sight fortune
working park
open ugly
loyal silence
animal pairs
See if you can name the animal that goes before or after each word in the following pairs:
For example: dark and laugh go with horse (dark horse and horse laugh)

1. dark/laugh
2. grease/business
3. copy/nap
4. hot/paddle
5. paper/lily
6. pack/race
7. silver/trot
8. literary/hearted
9. lone/whistle
10. bug/hug

2 words
Name two words that are antonyms and that begin with c and end with t.

Animated Animals
In English the names for many animals can also be used as verbs. Match the animal verbs in Column A with their corresponding correct definitions (with accompanying sample sentences) in Column B.

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. to badger</td>
<td>a. to frighten with threats, scare, or bully</td>
</tr>
<tr>
<td></td>
<td>example: He would ______ his enemies.</td>
</tr>
<tr>
<td>2. to bear</td>
<td>b. to worry as if pursued by canines; to hunt or track like a hound</td>
</tr>
<tr>
<td></td>
<td>example: They will ______ the opposition until they win.</td>
</tr>
<tr>
<td>3. to buck</td>
<td>c. to store up for future use</td>
</tr>
<tr>
<td></td>
<td>example: We need to ______ away some money for a rainy day.</td>
</tr>
<tr>
<td>4. to bug</td>
<td>d. to support the weight of; to sustain; to tolerate; to put up with</td>
</tr>
<tr>
<td></td>
<td>example: I could not ______ how she cried so much.</td>
</tr>
<tr>
<td>5. to cow</td>
<td>e. to act in a mischievous manner; to fool, trifle, or tamper with</td>
</tr>
<tr>
<td></td>
<td>example: I told you not to ______ around today. Be serious!</td>
</tr>
<tr>
<td>6. to crane</td>
<td>f. to engage in rough or boisterous play</td>
</tr>
<tr>
<td></td>
<td>example: Her mother told her not to ______ around any more.</td>
</tr>
<tr>
<td>7. to dog</td>
<td>g. to bother; to annoy</td>
</tr>
<tr>
<td></td>
<td>example: You’re a nuisance; please don’t ______ me anymore.</td>
</tr>
<tr>
<td>8. to fawn over</td>
<td>h. to eat greedily, to gorge oneself</td>
</tr>
<tr>
<td></td>
<td>example: Whenever they eat, they ______ out: No manners at all!</td>
</tr>
<tr>
<td>9. to horse around</td>
<td>i. to harass or annoy persistently</td>
</tr>
<tr>
<td></td>
<td>example: He used to ______ the teacher to increase his score.</td>
</tr>
<tr>
<td>10. to lionize</td>
<td>j. to report someone’s bad behavior, to tattle on someone</td>
</tr>
<tr>
<td></td>
<td>example: She will sometimes ______ on her friends. Don’t trust her.</td>
</tr>
<tr>
<td>11. to monkey around</td>
<td>k. to stretch one’s neck for a better view</td>
</tr>
<tr>
<td></td>
<td>example: She had to ______ her neck to see over the crowd.</td>
</tr>
<tr>
<td>12. to pig out</td>
<td>l. to eat greedily, devour</td>
</tr>
<tr>
<td></td>
<td>example: Have you ever seen the way he ______ down his food!</td>
</tr>
<tr>
<td>13. to rat on</td>
<td>m. to move or react jerkily; to throw off as a horse might do to a rider</td>
</tr>
<tr>
<td></td>
<td>example: They decided to ______ the trend and do it differently.</td>
</tr>
<tr>
<td>14. to squirrel away</td>
<td>n. to treat as an object of great interest or importance</td>
</tr>
<tr>
<td></td>
<td>example: We often ______ great heroes, speaking about their deeds.</td>
</tr>
<tr>
<td>15. to wolf down</td>
<td>o. to show affection; to court favor by a cringing or flattering manner</td>
</tr>
<tr>
<td></td>
<td>example: Women often ______ over small babies, talking soothingly.</td>
</tr>
</tbody>
</table>

[Notes: Do you know all these animals? (A) A badger is a small burrowing animal found in the northern hemisphere. (B) A buck is a male deer and a fawn is a baby deer. (C) A crane is a bird with a very long neck. (D) A squirrel is a small, furry, tree-climbing rodent with a bushy tail found throughout North America.] Animal Pairs and Animated Animals by George Wilcox, Washington, DC.
Conundrums

Conundrums are riddles whose answers often involve a pun or an intricate or difficult problem. The following conundrums are from the World Wide Web. You can see these and many more puzzles at http://www.uselessknowledge.com

9 Letters
What two words, formed from different arrangements of the same nine letters, can be used to complete the sentences below.

Someone said that certain people have ________ ________ thrust upon them.

Unfortunately, history shows that this often ________ ________ family and friends.

Palindrome Parents
Mom and Dad kept presents for Billy and Bob in a special place and gave them out when the boys did something noteworthy.

What did the parents call this place?

________ ________
The answer is a palindrome.

Name That Animal
The names of five animals are hidden in the sentence below. Can you find them? (The letters are in consecutive order.)

He is rich or seems to be, since he buys from expensive catalogs and ogles million-dollar homes for sale.

Shake On It
Unscramble the 10 letters below to form a polite, four-word greeting that sounds like a question but rarely involves any curiosity on the part of the asker.

ODDOWHYU

Word Play

Homophones are words that are pronounced the same but differ in meaning, origin, and sometimes spelling.

For each sentence below, write the correct homophones in the blank.

1. night or knight
   The ________ traveled all ________ to find the dragon.

2. way or weigh
   That's a good ________ to ________ a chicken.

3. heal or he'll
   I know ________ play ball again after his legs ________.

4. rose or rows
   Only one ________ bloomed in all those ________ of flowers.

5. their or they're
   I know ________ waiting for me at ________ house.

6. loan or lone
   One ________ person applied for the student ________.

In each sentence below circle the incorrect word. Then write the correct homophone on the line.

example: I was so tired from climbing those ________.

1. The king's rain lasted for 30 years.

2. What's your favorite breakfast serial?

3. That's the best movie I have ever scene.

4. The dog licked its pause.

5. I won't waist my money on this junk.

6. The meeting was so long, I was board.

7. I one a CD player in the contest.
There are at least 50 English words with four or more letters that can be made out of the word DARJEELING. See how many you can write. The first word is written for you. Good Luck!

1. an indefinite article; 2. a preposition; 3. the world’s most popular drink; 4. to rip; 5. our planet; 6. to make something hot again; 7. the place where you see a film; 8. a device to keep you warm; 9. the body organ that pumps blood; 10. to dislike strongly; 11. a definite article; 12. a masculine pronoun; 13. the most common letter in the English language

The Forum staff thanks Emiliana Villata from Mendoza, Argentina for submitting this word puzzle. She is an EFL teacher who received her degree from Universidad Nacional de Cuyo. She writes, “I have been reading and using the Forum magazine to keep updated and informed about what other teachers are doing around the world.”
Paulette would like to visit the capital of each of the countries whose flags are shown above. The flags are arranged in columns from the top left in the same order as the sentences below. Each sentence below contains the name of a capital city. Can you identify each city and country?

Example: Well, I'm afraid I can't do it. Peru

1. Here is the draft of your letter. If you mark it “ok” your secretary will type it. __________
2. Those who were against the war saw to it that their voices were heard. __________
3. To make underground water potable, scientists first used ammonia, then sand later on. __________
4. Can karate movies on television really make children more aggressive? __________
5. No slot machine is needed here. __________
6. The idiom “on a par” is used to mean “equal.” ________
7. While visiting Africa, I rode on buses and trains instead of driving a car there. __________
8. Housekeepers usually prefer washing to not doing anything at all. __________
9. A cobra battle against a mongoose often ends with the defeat of the former. __________
10. If you use this kind of herb on noodles, the result will be fantastic. __________
11. Tram manufacturing is declining, as nobody needs this kind of slow transportation. __________
12. If you have an infection in your colon, don't eat fats or any other rich food. __________
Making use of a pen

Each of the items below contains the word PEN. How many can you identify?

Example: Another name for a prison. PENitentiary

1. The process by which fruit matures; __ __ __ __
2. Land bordered on three sides by water. __ __ __ __ __ __ __ __
3. Another word for cent. __ __ __ __ __ __ __ __
4. A five-sided figure. __ __ __ __ __ __ __ __
5. A bird native to Antarctica. __ __ __ __ __ __ __ __
6. Punishment or fine. __ __ __ __ __ __ __ __
7. A flag or banner. __ __ __ __ __ __ __ __
8. Retirement income. __ __ __ __ __ __ __ __
9. Rely upon. __ __ __ __ __ __ __ __
10. Expression of regret for one’s misdeeds __ __ __ __ __ __ __ __ __
11. A fixed allowance paid at regular intervals __ __ __ __ __ __ __ __
12. A suspended jewel __ __ __ __ __ __ __ __
13. Pass into; break through __ __ __ __ __ __ __ __
14. Next to last __ __ __ __ __ __ __ __
15. An apartment or office on top of a roof __ __ __ __ __ __ __ __
**Scrambled Energy Words**

Eight terms related to energy are written below, but the order of the letters has been scrambled. Unscramble the letters and write the answer on the line below.

1. Plant matter or methane
   
   S O B S A M I

2. Heat from the earth
   
   G A M E R E L O T H

3. Supplied as a public utility for lighting, heating, etc.
   
   Y L C C R T E T I I E

4. “Non-renewable” fuels
   
   L U S S I F L E F O S (2 words)

5. Wood or sunlight
   
   W E N A L E B R E

6. Source of paraffin, kerosene, fuel oil, gasoline, etc.
   
   R U M E L P O T E

7. Electricity from sunlight
   
   O C I H P A T L O V O T

8. Energy from the sun’s rays
   
   P O R O W L R E S A (2 words)
Chicago Word Train

Fill in the spaces with the letters of the 24 words defined by the clues below. The words are linked like cars in a train; the last letter of one word is the first letter of the next word.

1. noun. A structure or artistic object that sprays water. fountain
2. noun. A daily publication of news. n __ __ __ __ __ __ __ __
3. noun. Part of the track that a train runs on. __ __ __ __
4. noun. A body of water surrounded by land. __ __ __ __
5. verb. To consume food. __ __ __
6. noun. A tall building or structure. __ __ __ __ __ __
7. noun. A long, flowing body of water. __ __ __ __
8. noun. A cement or dirt path for vehicles. __ __ __ __
9. adjective. Moist. __ __ __ __
10. noun. Baked dough topped with tomato sauce and cheese. __ __ __ __ __
11. noun. Tank that holds water; home for fish. __ __ __ __ __ __ __ __
12. noun. Institution that displays art to the public. __ __ __ __ __ __
13. noun. Sounds made by voices or instruments. __ __ __ __ __
14. verb. To trim or cut. __ __ __ __
15. noun. Wooden structure where ships dock. __ __ __ __
16. noun. Top covering of a house or building. __ __ __ __
17. noun. Nourishment consumed daily. __ __ __ __
18. verb. To move in rhythm with music. __ __ __ __ __
19. noun. Opposite direction of west. __ __ __ __
20. noun. A narrow path. __ __ __ __ __
21. noun. Circular route. __ __ __ __
22. noun. Authority or control. __ __ __ __ __ __
23. noun. Objects arranged in an orderly line. __ __ w
24. adjective. Blustery or breezy. windy
Miami Word Cruise

Miami, the city featured in this issue, is the largest cruise ship port in the world. You can make many different words from the letters in *cruise ship*. On a separate sheet of paper, list words made with these letters that fit the clues below.

2-letter words
1. *pronoun*: male person
2. *interjection*: greeting; hello
3. *adverb*: above, higher than; raised

3-letter words
4. *noun*: a small bowl-shaped container with a handle
5. *noun*: frozen water
6. *noun*: a baked food with a meat, fruit, or pudding filling and pastry crust
7. *pronoun*: female person
8. *noun*: formal title for a male person

4-letter words
9. *verb*: to heal
10. *noun*: a long narrative poem about heroic events
11. *noun*: an individual who receives the possessions of another individual
12. *verb*: to employ
13. *noun*: wooden structure where ships and boats dock
14. *adjective*: untouched
15. *verb*: to hurry

5-letter words
16. *noun*: a game for two players using black and white game pieces on a board with black and white squares
17. *verb*: to flatten by force
18. *noun*: a topic for debate or discussion
19. *noun*: the cost of an item for sale
20. *noun*: a bag, pouch, or case used for carrying various items
21. *adjective*: great, excellent
22. *noun*: an individual who shows people to their seats

6-letter words
23. *noun*: emergency
24. *verb*: to die
25. *noun*: seasonings that add flavor to food
The Food Game

Hidden in the sentences below are names of food items. You cannot find them by looking at the sentences, for they are not there by spelling; they are there by pronunciation. The food may be within a single word or may go across word boundaries.

Example:
He begs to be excused from the rehearsal. (eggs)

1. “Sue, please go away,” he said.
2. She had a cough even today.
3. Don’t tell me mama laid the table so early.
4. He chased Robert off even after he paid his debt.
5. Happy’s room is so messy. I can’t find a thing.
6. Keep that old sabre. Eddie will take it to the museum.
7. “Why don’t you spy still?” she wanted to know.
8. “Be an angel, leave it finished, will you?” he said.
10. “But Ernest is not coming on this trip,” she said.
11. Don’t bake condensed milk sweets.
13. Please meet me tomorrow.
14. Kay came to meet me on Wednesday.
15. The donkey brays inside the shed.
16. He walked on the sand, which was so hot he burned his feet.
17. Richie’s so good, he helps me daily.
18. Don’t buy that saw. Say Jess will get a new one.
19. He’s been staying here for six months now.
20. I hope he’ll be true to you.

Contributed by Gertrude de Livera, Sri Lanka
graphic language

Using the position and arrangement of the letters and words in each box, find the English word or phrase the picture represents.

```
LE   VEL

hole ONE

SHOW

PETE PETE

SIT IT

TEL B

K CUTS

FAIR

GROUND UNDER

MAN BOARD

BALLOT
```

sounds like—

What homonyms correctly replace the italicized words in the sentences below?

1. I *avenue* baby sister. __________________

2. He went duck hunting, but he didn’t see a *burden* sight. ______________

3. How come you got *insulate*? ______________

4. If I place a book on my head, it *falsify* move. ______________

5. Mary and I are *cistern* brother. ______________

6. *Peruse* a country in South America. ______________

7. Suddenly there was a shot and he got a *bulletin* his leg. ______________

8. On the *daisies* home, John helps with the cleaning. ______________
Homophonic Pairs

Each of the following definitions refers to a pair of homonyms. Can you identify them?

1. a reasonably-priced ticket
2. a spoiled chicken
3. a faded-yellow bucket
4. the time before Mother’s sister was born
5. the correct ceremonial observance
6. a nasty appearance
7. expert writers
8. an undecorated airplane
9. an unfriendly lodging place
10. place where money is hidden
11. a mare with laryngitis
12. men’s correspondence
word pies
Add a letter to each pie to make a complete word. When each of the missing letters is put together, they form a word that represents a major agricultural product of the United States and also describes the type of humor on this page. You’ll have to figure out where the word begins, and if it is to be read forward or backward.

Riddles from the heartland
1. What do you call a carrot who insults a farmer?
2. What’s the safest way to pick an apple off the top of a forty-foot tree?
3. What does a worm do in a corn field?
4. Why did the worm oversleep?
5. Why is a hen sitting on a fence like a penny?
For the dog lovers—

There are 16 words, phrases, and expressions. Each one of these should suggest to you another expression which contains the word dog. The first one has been done for you. Good Luck!

1. Long time  
2. Worn and shabby  
3. Hardwood tree  
4. Aerial skirmish  
5. Established opinion  
6. Elementary swim stroke  
7. Marked by ruthless self-interest  
8. Humorous tale involving a talking animal  
9. Tuckered out  
10. Darned  
11. G. I. identification  
12. For a very low price  
13. Hot sultry period of summer  
14. Ball park refreshment  
15. Brief sleep  
16. Pound employee  

dog’s age

Rarely do we see a cat discomfited. They seem to have no conscience, and they never regret.

Maybe we secretly envy them.

Barbara Webster
<table>
<thead>
<tr>
<th>Name</th>
<th>Moons</th>
<th>Average Temp. C°</th>
<th>Rotation</th>
<th>Orbit</th>
<th>Av. distance from Sun (million miles)</th>
<th>Diameter (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury</td>
<td>0</td>
<td>-167 to 427</td>
<td>58.6 days</td>
<td>87.97 days</td>
<td>36.04</td>
<td>3,031</td>
</tr>
<tr>
<td>Venus</td>
<td>0</td>
<td>472</td>
<td>243.2 days</td>
<td>224.70 days</td>
<td>67.11</td>
<td>7,521</td>
</tr>
<tr>
<td>Earth</td>
<td>1</td>
<td>-51 to 48</td>
<td>23.9 hrs</td>
<td>365.26 days</td>
<td>92.99</td>
<td>7,926</td>
</tr>
<tr>
<td>Mars</td>
<td>2</td>
<td>-123 to -30</td>
<td>24.6 hrs</td>
<td>686.98 days</td>
<td>141.61</td>
<td>4,217</td>
</tr>
<tr>
<td>Jupiter</td>
<td>16</td>
<td>-117</td>
<td>9.8 hrs</td>
<td>11.86 years</td>
<td>483.66</td>
<td>88,734</td>
</tr>
<tr>
<td>Saturn</td>
<td>18</td>
<td>-180</td>
<td>10.7 hrs</td>
<td>29.46 years</td>
<td>886.72</td>
<td>74,566</td>
</tr>
<tr>
<td>Uranus</td>
<td>15</td>
<td>-221</td>
<td>17.2 hrs</td>
<td>84.01 years</td>
<td>1783.38</td>
<td>31,566</td>
</tr>
<tr>
<td>Neptune</td>
<td>3</td>
<td>-216</td>
<td>16.0 hrs</td>
<td>164.79 years</td>
<td>2794.38</td>
<td>30,758</td>
</tr>
<tr>
<td>Pluto</td>
<td>1</td>
<td>-230</td>
<td>6.3 days</td>
<td>247.69 years</td>
<td>3666.19</td>
<td>1,429</td>
</tr>
</tbody>
</table>

Using the chart above, answer the following questions:
1. Which planets have a longer day than year?
2. Which planet has the most moons?
3. Which is the hottest planet? Why isn’t the closest planet hotter (Look at insert)?
4. Which planet has the shortest day and the longest year?
5. Which planet has the closest length of a day to the Earth?
6. Which is the smallest planet?
7. If an Astronomical Unit is the distance from the Earth to the Sun, how many astronomical units away is Pluto?

ASTRONAUT

There are at least 84 words with two or more letters that can be made out of the word ASTRONAUT. See how many words you can make. To get you started, we have done the first one for you.
There are at least 50 words with four or more letters that can be made out of the word FAVORITE.
See how many words you can make. To get you started we have done the first one for you.

1. aver
2. 
3. 
4. 
5. 
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7. 
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11. 
12. 
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17. 
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43. 
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46. 
47. 
48. 
49. 
50. 

It's about time

Below you will find expressions, phrases, or names. Each one of these should suggest to you another expression which contains the word time. The first one has been done for you; can you guess the rest?

1. Without end
   timeless

2. Very rapidly

3. A chronometer

4. Repeatedly

5. Broadway & 42nd Street, New York

6. Double pay

7. Backward in adopting things

8. How to begin a story

9. To be in jail

10. Referee's expression

11. A wild spree

12. Aphorism about delay and the ocean

13. Jazz

14. To deceive a spouse or lover
More examples of graphic English

What word or phrase is suggested by each of the pictures?

contributed by Omar Dahnin, Saudi Arabia

Shapes and meanings

Here are some words that are arranged so that the shape of the word suggests the meaning. Can you think of any others?

i solate

sleep

flip

tan

brink
dead
Pyramids and diamonds

Each word in the pyramid is formed by adding a letter to the word above it, and rearranging the letters if necessary. In the twin pyramids, the words opposite each other are formed from the same letters. In the bottom half of the diamond, each word is formed by subtracting a letter from the word above it (and rearranging the letters if necessary).

**simple pyramid**

```
   _
  --
 --
 ---
---
--
  
```

**twin pyramids**

```
   _
  --
 --
 ---
---
--
  
```

| 1. Article | 1. 1st person | 1. Roman numerals for 1 |
| 2. Near; by | 2. 3rd person (thing) | 2. Note of scale between *la* and *do* |
| 3. Rested on a chair | 3. Rest on a chair | 3. Contraction of *it* is |
| 4. Heavenly body | 4. Bonds; unites | 4. Place; location |
| 5. Paper or plastic tube for drinking | 5. Inflatable coverings for wheels | 5. Attempts |
| 6. One who doesn't conserve | 6. Female relative | 6. Withstand; exert oneself against |
| 7. Pullover; article of clothing | 7. Fights or defends oneself against | 7. Women having the same parents |

**diamond**

```
   _
  --
 --
 ---
---
--
  
```

| 1. Ninth letter of the alphabet | 1. Ninth letter of the alphabet |
| 2. 3.1416 | 2. 3.1416 |
| 3. Pastry | 3. Pastry |
| 5. Steeple | 5. Steeple |
| 8. Spirit; ghost, fairy | 8. Spirit; ghost, fairy |
| 11. Hole in the ground | 11. Hole in the ground |
| 12. That thing | 12. That thing |
Word diamonds

Add or take away a letter to make the next word in each of the diamonds above. The answers correspond to the clues below.

Me
3.1416
A short, sharp piece of metal for fastening
A hurting or suffering
Liquid coloring substance
Liquid measure (1/2 quart)
Hole in the ground
That thing
1st person

Nothing
Conjunction
Source of metal
Painful
Beach
Footwear
That woman
That man
8th letter

1st letter
Indefinite article
Went fast
Water from the sky
Means of transportation
Make great efforts
Discolor in a lasting way
Man’s nickname
Light brown
Alternative to “a”
Indefinite article

2nd letter
Exist
Risk money on a result
Most good
Animal
Opposite of west
Dine
Preposition
Indefinite article
Word triangle
The two letters that form the first word defined below are repeated somewhere in each of the other answers.

1. Exist
2. Insect that makes honey
3. 3-dimensional square
4. Swedish peace prize
5. Someone who cuts hair
6. Tenth month
7. Stole from
8. Serious; not drunk
9. Large hairy animal
10. Furniture for sleeping
11. British English (abbr.)

Word circles
Add the missing letter and get a word by starting at the right place and going around the circle.

```
1. H  C  A  E  M  E  P
    E
2. M
3. E
   R  T  D
4. G  A  M  E
    E
5. A
   G
   E
```

Word chain

Make a word chain by writing in the links the letters of the 14 words defined by the clues. (Begin at the top and move clockwise around the circle.) Each word overlaps with the next word; that is, the final two letters of each word are the first two letters of the following word. (The number of letters in each word is shown in parentheses after each clue.)

1. Reply (6)
2. Rub out (5)
3. Body of water (3)
4. Every (4)
5. Part of the face (4)
6. Within (6)
7. Not alive (4)
8. Totaled; got a sum (5)
9. Train; teach (7)
10. Rip (4)
11. Stop (6)
12. Cease (4)
13. Musical drama (5)
14. Went fast (3)
A code message
Can you “translate” this letter-code message into English words, making a four-line verse?

YYUR
YYUB
ICUR
YY4ME

The empty cupboard
You may know the following nursery rhyme:

Old Mother Hubbard
Went to the cupboard
To get her poor dog a bone.
When she got there
The cupboard was bare
And so her poor dog had none.

But what we are not told is that when she opened the cupboard door, Mrs. Hubbard exclaimed:

OICURMT!

Can you tell the meaning of what she said? (Hint: It is six words.)

Letter play
1. What two letters express the meaning “not difficult”? 
2. What two letters mean the opposite of “full”? 
3. What two letters spell a number? 
4. What two letters spell a word meaning “some”? 
5. What two letters mean a kind of short composition? 
6. What two letters mean “very cold”? 
7. What two letters mean the opposite of “causes” (noun)? 
8. What letter and number mean “ahead of” or “in front of”? 
9. What number and letter spell a popular outdoor game? 
10. What number and letter mean “anticipate”? 

Fun with states: synonyms

The word puzzle below depends on the abbreviations for state names. The abbreviations given here are ones that are frequently used (there are others); they are given in alphabetical order of the state’s names:

<table>
<thead>
<tr>
<th>State Abbreviation</th>
<th>State Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ala.</td>
<td>Hawaii</td>
</tr>
<tr>
<td>Alas.</td>
<td>Idaho</td>
</tr>
<tr>
<td>Ariz.</td>
<td>Ill.</td>
</tr>
<tr>
<td>Ark.</td>
<td>Ind.</td>
</tr>
<tr>
<td>Calif.</td>
<td>Ia.</td>
</tr>
<tr>
<td>Colo.</td>
<td>Kans.</td>
</tr>
<tr>
<td>Conn.</td>
<td>Ky.</td>
</tr>
<tr>
<td>Del.</td>
<td>La.</td>
</tr>
<tr>
<td>Fla.</td>
<td>Me.</td>
</tr>
<tr>
<td>Ga.</td>
<td>Md.</td>
</tr>
<tr>
<td>Minn.</td>
<td>Mo.</td>
</tr>
<tr>
<td>Miss.</td>
<td>Mont.</td>
</tr>
<tr>
<td>N.M.</td>
<td>Nebr.</td>
</tr>
<tr>
<td>N.D.</td>
<td>Okla.</td>
</tr>
<tr>
<td>N.Y.</td>
<td>Ohio</td>
</tr>
<tr>
<td>N.C.</td>
<td>Or.</td>
</tr>
<tr>
<td>S.D.</td>
<td>Okla.</td>
</tr>
<tr>
<td>Tenn.</td>
<td>Pa.</td>
</tr>
<tr>
<td>Tex</td>
<td>Va.</td>
</tr>
<tr>
<td>Utah</td>
<td>W. Va.</td>
</tr>
<tr>
<td>Vt.</td>
<td>Wash.</td>
</tr>
<tr>
<td>Va.</td>
<td>Wis.</td>
</tr>
<tr>
<td>Wyo.</td>
<td>S.C.</td>
</tr>
<tr>
<td>Ga.</td>
<td>Md.</td>
</tr>
<tr>
<td>Fla.</td>
<td>Me.</td>
</tr>
<tr>
<td>Conn.</td>
<td>Ky.</td>
</tr>
<tr>
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<tr>
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</tr>
<tr>
<td>Calif.</td>
<td>Ia.</td>
</tr>
<tr>
<td>Ark.</td>
<td>Ind.</td>
</tr>
<tr>
<td>Ariz.</td>
<td>Ill.</td>
</tr>
<tr>
<td>Alas.</td>
<td>Idaho</td>
</tr>
<tr>
<td>Ala.</td>
<td>Hawaii</td>
</tr>
</tbody>
</table>

Some of the abbreviations are English words. Find among the abbreviations synonyms for the following words or phrases: then give the name of the state itself.

1. Shapeless body of matter; uncountable
2. To clean
3. The objective case of “I”
4. Sick
5. Nickname for father
6. Title for an unmarried woman
7. A note of the scale
8. Exclamation of sorrow or regret
9. Noah’s boat
10. Natural combination of minerals from which metals can be extracted.
Picture talk

The initial letters of the picture clues spell out seven English words. If you work them out correctly, you will see the relationship of these words to the word given in the sample.

National park symbols

<table>
<thead>
<tr>
<th>Match the words to the park symbols</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
</tr>
<tr>
<td>b</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>c</td>
</tr>
<tr>
<td>d</td>
</tr>
<tr>
<td>e</td>
</tr>
<tr>
<td>f</td>
</tr>
<tr>
<td>g</td>
</tr>
<tr>
<td>h</td>
</tr>
<tr>
<td>i</td>
</tr>
<tr>
<td>j</td>
</tr>
<tr>
<td>k</td>
</tr>
<tr>
<td>l</td>
</tr>
<tr>
<td>m</td>
</tr>
</tbody>
</table>

Note: The symbols next to the words are placeholders for the actual park symbols.
Coin Toss

Unscramble the set of letters next to each clue to find the answer. All answers can be found in this issue’s feature article.

Example: These facilities are set up to test the purity of precious metals. SSYAA FCSFIOE
Answer: Assay Offices

1. The U.S. coin worth 25 cents is called a ___. EARRQTU
2. The U.S. ___ was the first federal building constructed under the U.S. Constitution. IMTN
3. Pennies are this color. PRCOPE
4. As a symbol of the United States, this bird appears on all coins in use. EGEAL
5. This president was the first to be pictured on a U.S. coin. NLCNIOL
6. Only ____ can authorize changing a coin’s design more than once every 25 years. RGSNCOES
7. This is the fourth step in creating coins. NITKSGRI
8. Hoping to make a profit, some people collect coins as an ___. MTNSETIVEN
9. Both the dollar coin and the ____ ____ coin are rarely used. FHAL LADORL
10. Children use coins in tabletop games such as ____ _____. NNYEP KHYOCE
11. This Mint was established in 1937 to store silver bullion. STWE INTOP
12. This law in 1792 created the first U.S. monetary system. ANOIECG CTA
13. ____ ____ Banks maintain monetary reserves and issue bank notes. ELERDFA REREVES
14. Special coins designed to honor a person, place, or event are called ___. AMOOMERMVITCE
15. ____ is the study or collecting of coins. MINMITUCSSA
Weather Word Search

Find the weather words listed below. When you find a word in the puzzle, circle it. Words can appear vertically, horizontally, diagonally, or even backwards.

Boots  Forecast  Scarf  Umbrella
Cloud   Hot       Snow   Warm
Cloudy  Rain      Snowy  Weather
Cold    Raincoat  Sunny  Wind
Fog     Rainy      Sunny  Windy
Foggy   Sandals   Temperature
“Where’s the Beef?”

All the words in the list below are hidden in this grid of letters. The words are in straight lines that are oriented diagonally, horizontally, or vertically. Some words will share letters when they cross each other. Also, the letters for some words may be in reverse order, for example, ekahs is shake spelled backwards. Circle the letters when you have found the word in the grid of letters. Cross out the words below as a reminder when you find them above. Have fun and see how many words you can find!

BIG MAC; BURGER; CATSUP; CHEESE; COKE; COOKIE; FRIES; GOLDEN ARCHES; HAPPY MEAL; ICED TEA; LETTUCE; MCDONALD’S; MUSTARD; PICKLE; SALAD; SESAME SEED BUN; SHAKE; WENDY’S; WHOPPER
Directions: Circle the words below as you find them hidden in the letter square. They can go in any direction—forward, backward, up, down, and diagonally. When you have finished circling all the words, the names of four American Revolutionary patriots will be left in the letter square. Answers are on page 186.

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

BANDS  BARBECUES  CANNONS  CELEBRATION  CHEERS  DRUMS  FLAGS  GAMES
GROUPS  JUBILATION  LAUGHTER  MARCHERS  MUSIC  NOISE  PARKS  PICNICS
RACES  REJOICING  ROCKETS  SALUTES  SOCIALITY  SPARKLERS  VETS  VIP’S
There are at least 90 words hidden in the squares below. We have included many of the most commonly misspelled words, so be careful! Words go across, backwards, down and up, but not diagonally.

Match the words with the definitions on the right. To get you started, we have done one for you.

1. Actor A. An educated person who isn’t feeling well.

2. Bore B. The standard number of lips assigned to each person.

3. Hospital C. What a man gets after his funeral.

4. Screens D. A place where people who are run down wind up.

5. Praise E. An invention for keeping flies in the house.

6. Illiterate F. A person who tries to be everything but himself.


8. Illegal H. A person who has nothing to say and insists on saying it.
New York City Word Search

Figure out the answer to each of the clues below. Then search for and circle those answers in the grid. Words may be printed vertically, horizontally, diagonally, or even backwards. All of the clues (and answers) come from the feature article in this issue.

Clues
1. ____________ is another name for the Theatre District in midtown Manhattan.
2. In 1609, an English explorer sailed up this body of water now named after him. (2 words)
3. __________ ___________ is a neighborhood in New York City known as a place of avant-garde art and progressive politics.
4. With the opening of the ________ _________ in 1825, New York became the premier American port on the Atlantic coast.
5. The headquarters of the __________ ___________ is international territory owned by all member countries.
6. The __________ ____ __________ was a gift from France to the United States, representing the friendship formed between these two countries during the American Revolution.
7. This building is shaped like a spiral, wider at the top than the bottom. (2 words)
8. Each year millions of people visit this location to enjoy the lakes, play sports, visit the zoo, or see free plays and concerts. (2 words)
9. It is said that if you have performed at __________ ________, you have reached the top of your musical career.
10. Until 1954, this was the tallest building in the world, and today it is the tallest building in New York City. (3 words)
11. Opened in 1883, the __________ ___________ joined Manhattan to Brooklyn and was considered one of the greatest engineering feats of its time.
12. During the 1920s and 1930s, this neighborhood was home to many famous African-American writers and musicians, such as Langston Hughes and Duke Ellington. (1 word)
Poetry Word Search

In this issue's feature lesson plan, you'll find several poetry terms. See if you can find them, and others, in the word search below. The terms may be printed vertically, horizontally, or diagonally.

Alliteration  Assonance  Ballad  Couplet
Haiku  Imagery  Kenning  Limerick
Metaphor  Onomatopoeia  Personification  Rhyme
Simile  Story  Verse
Find the following words in the word search puzzle. When you find a word, circle it. Words can appear vertically, horizontally, diagonally or even backwards.

address  memento  scene
caption  message  sentiment
communication  photo  souvenir
historic  picture  stamp
image  postage  vacation
mail  recipient  writing
Find the following words in the word search puzzle. When you find a word, circle it. Words can appear vertically, horizontally, diagonally, or even backwards.

architect  
houses  
roads  
bridges  
lake  
schools  
buildings  
land  
sidewalk  
cartography  
maps  
skyscraper  
city  
neighborhood  
streets  
developer  
parks  
zoning
Seattle Crossword Puzzle

Using the clues below, fill in the spaces of the crossword puzzle. The answer to each clue starts in the box with the same number as the clue. If the clue is under Across, write the letters from left to right. If the clue is under Down, write the letters down the column. Place one letter in each box. The first response is given. (Answers to the puzzle are on page 188.)

Across
2. A hot, caffeinated beverage that people often drink in the morning.
4. The ground shakes and pictures fall off of walls when this event occurs.
7. Adjective describing damp, wet weather.
8. In Seattle you can take a ferry boat along the many ways of the city.
9. Baseball, basketball, and soccer are types of.
10. A place where books are available for loan to the public.
14. A cone-shaped mountain that spews lava, debris, and steam when it erupts.
15. Floating homes on lakes and rivers are known as house.
16. A connected line of railroad cars.

Down
1. Most recognized landmark in Seattle.
3. Type of market that sells locally grown fruits and vegetables.
5. The oldest area of most cities is known as the ___ district.
6. When you fly from one place to another you travel in an ___.
11. A self-powered vehicle with two wheels, handlebars, and a set of pedals.
12. A collapsible device you use to stay dry when it rains.
13. A dense growth of trees and underbrush is known as a wood or a ___.
ACROSS
1 A country that is also a continent
8 To fly or glide high in the air
9 A U.S. soldier in World War II
10 Westernmost island of Alaska
12 Not warm
14 Thus; therefore
15 Fraction; the relationship of two amounts
17 Object used to open a lock
18 One who guides an airplane or a boat
20 And so forth (abbr.)
21 A metal or a container for food
23 Light brown
25 To possess; have
26 An animal that pulls sleds in Alaska
27 Animals native to Australia

DOWN
1 Largest state of the U.S.
2 Supersonic transport (abbr.)
3 An organized sightseeing trip
4 Ancient Egyptian god
5 Geographic area that includes the North Pole
6 An Eskimo house
7 Help; assist
11 Forward part of the foot
13 Petroleum; a substance used for lubricating
16 Suitable, appropriate, quick to learn, or abbr. for apartment
19 Unit of weight equal to 2,000 pounds avoirdupois (U.S.) or 907.18 kilograms
20 Past participle suffix
21 Name of an airline
22 Place for a traveler to spend the night
23 Also
24 In the past
25 All right
26 Doctor (abbr.)
Across
1. The big flat middle section of the U.S. (2 words)
8. Also
9. Animal like a large mouse
10. Therefore
12. The place where a person lives
13. He drives the cattle
16. Was acquainted with
17. An exact copy of someone
18. All right
19. State where the cattle drives began
22. That man
24. Exclamation of surprise
25. Have fun
27. To be the best in a competition
29. Will ________, Cowboy philosopher
31. Extra Terrestrial
32. Ending of numbers between 12 and 20
34. Allow; permit
35. Animal that 13 across rides on
36. Los Angeles (abbreviation)
37. Plural of he/she/it
38. Act; perform; accomplish

Down
1. Move
2. Preposition of place
3. Preposition of motion
4. They carried the mail from St. Joseph to Sacramento (2 words)
5. A strong, hard metal used in making tools and machines
6. A word by which you are known
7. A food like soup, but thicker
10. It is worn on your foot inside your shoe
11. Wise bird
12. Alphabetic neighbors of IJ
14. The two together
15. A single unit, person, or thing
20. By oneself; not including anyone else
21. Droop; lose tightness
23. Opposite of 27 down
24. Above; covering (prep.)
25. Shout
26. The part of the U.S. where the cowboys were
27. Neuter pronoun
28. Neuter pronoun
30. Look at and understand the meaning of printed material
32. Something a child plays with
33. Comparative suffix
35. Masculine pronoun
Two shipwrecked sailors managed to climb onto an iceberg. “Oh, dear,” said the first. “Do you think we’ll survive?” “Of course we will,” said the second. “Look, here comes the Titanic.”
Crossword Puzzle

Across
1. The virtual space of computer memory and networks
7. A pronoun referring to animals and things
8. A suffix meaning relating to or characterized by
9. A floor covering
11. Open connections for communication via the computer
13. Personal computer (abbr.)
14. A global network of linked computers
18. An explanation
19. A term of endearment; expensive
20. A Direction
23. United Services Organizations, (abbr.)
24. Attach or connect
26. What came before; not of today
28. Third person singular pronoun
29. A menu-based system for access on the Internet

Down
1. An electronic device that stores, retrieves and processes data
2. A small amount; the smallest unit of computer data
3. Extraterrestrial (abbr.)
4. Male offspring
5. A modal
6. Computers and TVs are _______ devices
10. Alternating Current (abbr.)
11. A promise or declaration
12. God; one with power over others; a British nobleman
15. A negative
16. Neither masculine or feminine
17. Freedom from worry; a condition of comfort and complete release from tension
21. A male deer or type of party
22. Latin abbreviation used with dates to mean approximately
24. File Transfer Protocol (abbr.)
25. Third person singular pronoun
27. Thus; consequently
Crossword Puzzle

Across
1. A place where buyers and sellers come together
2. an item or service produced or exchanged
5. a negative
6. work performed to benefit others
8. Associated Press (abbr.)
9. Teaching Assistant (abbr.)
11. The General Agreement on Tariffs and Trade (acronym)
13. people who buy stock expecting prices to rise
15. bitter: opposite of sweet
16. planet earth
17. also
19. Substantive (abbr.)
20. a type of radio used by truck drivers
22. a conjunction
23. instruments for conveying the human voice
24. United Parcel Service (abbr.)
25. subject pronoun
27. Corporate Executive Officer (abbr.)
28. a written message conveyed by telephone
30. a type of evergreen tree
32. the name of a letter
33. another term for market economy (two words)
36. charges or expenses
37. to arouse public attention; promote

Down
1. paper or metal accepted as payment
2. a sum of money that a product is sold for
3. to trouble or upset
4. groups or categories
7. a person who organizes and runs a business
10. sum total
11. merchandise; articles for sale
12. symbol for gold
13. supervisor
14. Less Developed Country (abbr.)
15. a parent’s male child
17. taxes on traded goods
18. Gross National Product (abbr.)
21. All commercial activities
26. weary; worn-out
28. distant
29. to photocopy
31. in reference to
32. suffix that indicates “the most”
34. personal computer (abbr.)
35. a form of be
**Across**
1. Thinking about the past
9. Prefix meaning OUT OF, FROM
10. Places
11. Leader of class
13. Connecting word
14. Looks
15. Not living
17. To a higher place
18. Hit
20. Abbreviation for ROUND TRIP
21. Not dry
22. First person pronoun
23. Newly made, young
25. Sleep, not work
26. Small animal with six legs
28. Preposition showing support
29. Do
31. Question word asking for answer with BECAUSE
32. A common verb
33. Verb form of 15 across
34. Water from the sky
36. A thing of any kind

**Down**
1. Somewhat
2. Finds the size
3. But, not including
4. Make holy
5. Thing on side of head
6. Abbreviation for RAILWAY
7. Form of the verb BE
8. Place where flowers grow
12. Pronoun for a man
13. Kind of tree
15. What a lady wears
16. This or that
19. Two times ten
22. Plural of MAN
24. With much money
25. Streets
27. At that time, later
29. Not here, gone
30. Something to drink
32. Not small
34. Abbreviation of RHODE ISLAND
35. Article

*Author unknown*
Journalism Crossword

Using the clues below, fill in the spaces of the crossword puzzle. The answer to each clue starts in the box with the same number as the clue. If the clue is under Across, write the letters from left to right. If the clue is under Down, write the letters down the column. Place one letter in each box. For two-word answers, write both words without a space between them. All answer words and clues are taken from this issue’s feature article “Newspapers in America.” Answers to this puzzle are on page 189.

Across
1. _____ pyramid is a style of writing in which the most important information is in the first paragraphs.
2. _____ journalism is a style of writing that uses large headlines, many illustrations, and simple words to sell more newspapers.
3. The _____ to the Editor section of newspapers features the opinions of readers.
4. Joseph _____ began a movement to raise the professionalism of journalism.
5. A _____ writes the news.

Down
1. To gather news by asking people questions.
2. An old law that allowed jailing anyone who criticized the U.S. government in print. (2 words)
3. The _____ Amendment guarantees freedom of the press in the U.S. Constitution.
4. _____ weeklies focus on local news, opinion pieces, and entertainment.
5. The term for low-cost newspapers sold in New York in the 1800s. (2 words)
J-Words Crossword Puzzle

With the following clues, fill in the crossword puzzle with words that begin with the letter “J.”

Across
2. Baby kangaroo
3. Fast airplane
4. Sharp rough edge
6. To eject
7. To pull quickly
8. Largest planet in the solar system
10. You must go to work to keep your ____
12. Cleans and maintains a building
13. Horse
14. Peanut butter and ____

Down
1. Milk is kept in a ____
2. They make sure you receive a fair trial
3. Under the age of 18
5. Unite with a group
6. Capital of Indonesia
7. Holds your car up while you change a tire
8. First month of the year
9. If you break the law, you will go to ____
10. A member of a sports team wears this
11. If it is cold, you wear a ____
13. Island country
14. Independence Day in the United States falls in this month
Spelling bee

Fill in the blanks in each sentence with two or three words that have the same sound but different spelling and different meanings. The number of blanks equals the number of letters in the missing word.

1. Our team ___ ___ ___ game and lost three games.
2. They agreed ___ play ___ more games next week, ___.
3. The ___ ___ golfers watched ___ the ball when they heard someone shout “___!”
4. The four of us were so hungry that we ___ ___ ___ hamburgers.
5. Each player ___ ___ ___ the ball ___ ___ ___ the hoop at least once.
6. As we approached the coast we could ___ the ___.
7. Anna had ___ many things to ___ on her new machine that she had no time to ___ any seeds in the garden.
8. At the airport the guide said, “Come this ___ ___ so they can ___ ___ your luggage.”
9. We had to ___ ___ in line until they determined the ___ ___ ___ of our bags.
10. We ___ ___ the boat to the dock so it wouldn’t go out when the ___ ___ came in.
11. Unfortunately, we did ___ put a very good ___ ___ in the rope, and it came unfastened.
12. The people on the safari ___ ___ ___ that a ___ ___ of elephants was headed their way.
13. If you sit ___ ___ very quietly, you can ___ ___ the wind blowing through the trees.
14. The man in the ___ coat ___ ___ the notice to me.
15. We ___ ___ on horseback through the tall grass until we came to the ___ ___ that led to the town.
16. Everything looked so familiar; it was as if we had ___ ___ that ___ ___ before.
17. We went to where they were selling boats, and ___ ___ ___ ___ boats had a sign on them that said “___ ___ ___”
18. The students ___ ___ ___ down in their notebooks the sentences that they had learned by ___ ___.
19. The wind ___ ___ the rain clouds away, leaving a clear ___ ___ sky.
20. The father said, “I will sit in the shade out of the hot ___’ ___ ___ while my ___ ___ ___ ___ the roof on the house.”
Parts of the body
Each of the following clues refers to a part of the body (in some cases a homonym of a part of the body).

1. A clock has one.
2. A clock has two.
3. Part of a comb
4. A valentine
5. A baby cow
6. A rabbit
7. Nautical “yes”
8. Weapons
9. Part of a river
10. Understands
Alphabetic words

Answer each definition by a word that has the same sound as the name of a letter of the alphabet:

1. Exist (two possible answers)
2. Body of water
3. Indefinite article
4. Beverage
5. Observe, look at
6. Part of the face
7. Have an obligation
8. Flying insect
9. Exclamation of surprise
10. Hint, or signal for action
11. Former (prefix)
12. For what reason
13. Vegetable
14. Peg for holding a golf ball
15. River in England (two possible answers)
16. Billiard stick
17. Kind of blue bird
18. Female sheep
19. Command to a horse

In the following, the answer sounds like plural letters (e.g., dees, efs, aiches, zees, etc.)

20. Freedom from difficulty of discomfort
21. Sensible; discerning; judicious
22. Employ
23. Playfully mock; make fun of
24. Grasp; take hold of
25. Extremities; outcomes; aims; goals

Three-letter name words:
1. Foe
2. Loveliness

Four-letter name word:
Title of honor for certain persons of high position

Five-letter name word:
Appropriateness to the conditions; doing for advantage rather than for what is right; self-interest
Palindromes

A palindrome may be defined as a word, phrase, sentence, verse, or (sometimes) number that reads the same backwards as forwards. Some examples of words that are palindromes are: POP, SEES, EVE, DID, ROTATOR.

Probably the best-known sentence that is a palindrome is MADAM, I’M ADAM—presumably uttered upon introducing himself to Eve (herself a palindrome!) in the garden of Eden. Another one that has been around for some time is Napoleon’s (fictitious) utterance ABLE WAS I ERE I SAW ELBA. A third candidate for the trio of well-known palindromes is A MAN, A PLAN, A CANAL—PANAMA!

Many palindromes have a stilted unnatural sound. For example: STEP ON NO PETS and LIVE NOT ON EVIL. (Don’t step on any pets and Don’t live on evil certainly do not qualify as palindromes, but they would be at least slightly more likely candidates for everyday conversation.)

Palindrome sentences seem to thrive on imperatives and negatives. Sometimes they suggest a plausible context, as DRAW, O COWARD!—if you think of the swashbuckling days of swordplay. In other cases there is a certain quaintness: TIS IVAN ON A VISIT. Or they may be quite overwhelming in their bombast: LIVE, O DEVIL! REVEL EVER! LIVE! DO EVIL! and its more positive counterpart: DO O GOD, NO EVIL DEED, LIVE ON, DO GOOD!

Occasionally a palindrome may be a question (usually beginning with was and ending with saw): WAS IT A RAT I SAW? and WAS IT A CAR OR A CAT I SAW? and WON’T LOVERS REVOLT NOW? Some of the longer palindromes show a persistent ingenuity as well as imagination: DOC, NOTE I DISSENT; A FAST NEVER PREVENTS A FATNESS. I DIET ON COD. Which reminds us of the plaintive cry of one who has overindulged at the table: STRESSED WAS I ERE I SAW DESSERTS.

By far the most popular palindromic personage is Edna, who performs a variety of feats, usually in tandem: DENNIS AND EDNA SINNED.—PAT AND EDNA TAP.—ENID AND EDNA DINE. At last, a solo performance (though with an implied companion): TOO FAR, EDNA, WE WANDER AFOOT.

The following two palindromes, taken together, provide a family commentary: PA’S A SAP and MA IS AS SELFLESS AS I AM. Sometimes animals get into the act: A DOG; A PANIC IN A PAGODA and TEN ANIMALS I SLAM IN A NET.

Occasionally one comes across a natural palindrome, such as YREKA BAKERY—an actual bakery, located at 322 W. Miner Street, in the city of Yreka, California.
Reverse me

Related to the palindromes but more accessible to our knowledge and imagination, are pairs of words whose spellings are the reverse of each other. Some such pairs are: pool—loop, era—are, spot—tops, rail—liar, time—emit, pan—nap, reward—drawer, dog—god, tap—pat, keep—peek, gnat—tang, dial—laid, sag—gas, rat—tar, span—naps, no—on, lap—pal, sleep—peels, snap—pans, live—evil, step—pets (and many others). Such pairs of words provide the solutions to the following puzzles:

1. I’m the high point. Reverse me and I’m something to cook in.
2. I’m uncooked. Reverse me and I’m armed conflict.
3. I’m a portion of the whole. Reverse me and I’m something to catch (ensnare) something in.
4. I perceived with the eyes. Reverse me and I existed.
5. I’m a heavy weight. Reverse me and I’m a negative.
6. I’m a wild animal. Reverse me and I move like water.
7. I’m a number. Reverse me and I’m an open-meshed fabric used for catching fish.
8. I’m an obstruction used to hold back water. Reverse me and I’m crazy.
9. I was victorious. Reverse me and I’m the present time.
10. I dug minerals out of the ground. Reverse me and I’m a coarse cloth that jeans are made of.
Hidden states

Can you find and circle in the grid the hidden state names listed below? They read vertically, horizontally, diagonally, and occasionally even overlapping and reversed. (Note that four of the states are presented in abbreviated form.)

Created by Homer Wakerly, Colorado Springs, Colorado

<table>
<thead>
<tr>
<th>ALABAMA</th>
<th>HAWAII</th>
<th>MASSACHUSETTS</th>
<th>NEW MEXICO</th>
<th>S. DAKOTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALASKA</td>
<td>IDAHO</td>
<td>MICHIGAN</td>
<td>NEW YORK</td>
<td>TENNESSEE</td>
</tr>
<tr>
<td>ARIZONA</td>
<td>ILLINOIS</td>
<td>MINNESOTA</td>
<td>NO. CAROLINA</td>
<td>TEXAS</td>
</tr>
<tr>
<td>ARKANSAS</td>
<td>INDIANA</td>
<td>MISSISSIPPI</td>
<td>NORTH DAKOTA</td>
<td>UTAH</td>
</tr>
<tr>
<td>CALIFORNIA</td>
<td>IOWA</td>
<td>MISSOURI</td>
<td>OHIO</td>
<td>VERMONT</td>
</tr>
<tr>
<td>COLORADO</td>
<td>KANSAS</td>
<td>MONTANA</td>
<td>OKLAHOMA</td>
<td>VIRGINIA</td>
</tr>
<tr>
<td>CONNECTICUT</td>
<td>KENTUCKY</td>
<td>NEBRASKA</td>
<td>OREGON</td>
<td>WASHINGTON</td>
</tr>
<tr>
<td>DELAWARE</td>
<td>LOUISIANA</td>
<td>NEVADA</td>
<td>PENNSYLVANIA</td>
<td>WEST VIRGINIA</td>
</tr>
<tr>
<td>FLORIDA</td>
<td>MAINE</td>
<td>NEW HAMPSHIRE</td>
<td>RHODE IS.</td>
<td>WISCONSIN</td>
</tr>
<tr>
<td>GEORGIA</td>
<td>MARYLAND</td>
<td>NEW JERSEY</td>
<td>SO. CAR.</td>
<td>WYOMING</td>
</tr>
</tbody>
</table>
Letter words in hiding

Find the letter words hidden in the grid, using the definitions below as clues. The letters forming the letter-words can appear horizontally (left to right), vertically, or diagonally. The first one has been done for you.

1. flying saucer
2. request on an invitation
3. very quickly
4. somebody who gets special treatment
5. an advanced degree
6. a person who acts as a host for an entertainment program
7. a sandwich
8. identification card
9. extraordinary powers of perception
10. an electronic transmitter of images and sounds
11. an American airline company
12. a promise to pay
13. a person who presents a recorded music program on the radio
World capitals

Within the grid, find the capitals of the countries listed below:

Created by Perry V. Zizzi, Palau

<table>
<thead>
<tr>
<th>Country</th>
<th>Capital</th>
<th>Country</th>
<th>Capital</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.K.</td>
<td>SPAIN</td>
<td>INDONESIA</td>
<td></td>
</tr>
<tr>
<td>AUSTRALIA</td>
<td>JAPAN</td>
<td>MEXICO</td>
<td></td>
</tr>
<tr>
<td>GREECE</td>
<td>PERU</td>
<td>BANGLADESH</td>
<td></td>
</tr>
<tr>
<td>EGYPT</td>
<td>SUDAN</td>
<td>IRAQ</td>
<td></td>
</tr>
<tr>
<td>PALAU</td>
<td>NICARAGUA</td>
<td>NORWAY</td>
<td></td>
</tr>
<tr>
<td>MALAYSIA</td>
<td>KENYA</td>
<td>CANADA</td>
<td></td>
</tr>
<tr>
<td>ITALY</td>
<td>BELGIUM</td>
<td>PHILIPPINES</td>
<td></td>
</tr>
<tr>
<td>VENEZUELA</td>
<td>TURKEY</td>
<td>IRELAND</td>
<td></td>
</tr>
<tr>
<td>IRAN</td>
<td>ARGENTINA</td>
<td>TOGO</td>
<td></td>
</tr>
<tr>
<td>MALTA</td>
<td>SOUTH KOREA</td>
<td>JORDAN</td>
<td></td>
</tr>
</tbody>
</table>
Irregular verbs

Write on the line following each verb the simple past tense form of that verb. Then find that word in the puzzle below.

1. to begin __________
2. to choose __________
3. to do __________
4. to eat __________
5. to leave __________
6. to run __________
7. to lie __________
8. to know __________
9. to teach __________
10. to say __________

11. to steal __________
12. to think __________
13. to go __________
14. to freeze __________
15. to fly __________
16. to feel __________
17. to have __________
18. to hurt __________
19. to get __________

20. to hide __________
21. to let __________
22. to see __________
23. to wear __________
24. to tear __________
25. to sit __________
26. to drink __________
27. to swim __________
28. to break __________
29. to take __________

30. to sing __________

Created by Perry V. Zizzi, Palau
Grand canyon

How many words can you make from the letters in the words GRAND CANYON? Clues are given below, but if you prefer, you can proceed without clues. Starting at the top of the canyon, put one word on each line. Try to reach the bottom of the canyon and then climb back to the top on the other side.

2-letter words:
- public notice (abbr.)
- article
- make, act
- depart, leave
- negative
- over; upon
- alternative

3-letter words:
- conjunction
- some
- curve, part of a circle
- ungentlemanly man
- able to
- automobile
- kind of fish
- against
- cute, coquettish
- weep; shout
- part of a week
- animal
- put on
- not wet
- go about without purpose
- kind of fish
- bright, happy
- deity
- constantly find fault
- negative
- move the head
- drink
- correlative of neither
- rowing instrument
- old piece of cloth
- moved quickly
- beam of light
- legendary bird
- fishing pole
- distant

4-letter words:
- later
- stiff paper
- string rope
- cereal grain
- rugged cliff
- mend
- small boat
- pull
- cart
- spur
- bloody
- colorless
- wild party
- zesty, risque
- sounded a bell
- path; way
- red horse
- garden court
- wool thread
- distant

5-letter words:
- irate; mad
- bother
- type of gas
- a sweet
- shrewd, wise
- law
- freight
- trite, sentimental
- close friend
- sound of pain or grief
- keyboard instrument
- synthetic fabric

6-letter words:
- kind of goat, cat, or rabbit (fur)
- false statement or rumor
- yellow bird
- frankness, sincerity
- large gun
- crevice
- coloring tool
- synthetic fabric
- mythical monster
Mountaineering

Each of the six peaks below can be climbed by going step by step from base camp to the top of the mountain. This is done by writing in as many words as you can think of made from the letters in the MOUNTAINS. Clues are given below, but if you prefer you can proceed on your own to think of as many 1-letter, 2-letter, 3-letter, 4-letter, 5-letter and 6-letter words respectively.

1-letter words:
- article
- 1st person

2-letter words:
- 1st-person verb
- article
- word used with comparatives
- in the location of
- opposite of out
- 3rd-person verb
- pronoun
- negative
- over
- therefore
- in the direction of
- you and me

3-letter words:
- purpose or goal
- island in a river
- insect
- tavern; traveler's lodging
- charged particle
- person
- material used as a pad
- negative
- woman in a religious order
- hard-shelled dry fruit
- kind of grain
- opposite of in
- moral offense
- opposite of stand
- male child
- total
- source of earth's light and heat
- light brown
- metal; can
- 2,000 pounds
- large cask or vat

4-letter words:
- at another time
- tiny particle
- mother's sister
- preposition
- principal, primary
- vertical pole on a ship
- fragrant herb; where coins are made
- fine rain or spray
- melancholy sound
- small body of water around a castle
- greatest amount or number
- has to
- substantive; name word
- leave out
- remove by force or legal action
- fit; be appropriate; set of clothes
- daze, astonish; make senseless or dizzy
- edible fish
- single thing or element
- to

5-letter words:
- negatively charged particle
- stone- or bricklayer
- slightly wet
- climb, go up
- holy person

6-letter word:
- total number or quantity
- spirit; animating force
- apply oil; consecrate
- single thing or element
- to

 shinny fabric
- animal's nose
- discolor, soil; color permanently
- act of joining; something formed by joining
- deprive of manly qualities or courage
- total number or quantity
- spirit; animating force
- apply oil; consecrate
- single thing or element
- to

- darkening of the skin the sun

Clues
1-letter words:
- article
- 1st person

2-letter words:
- 1st-person verb
- article
- word used with comparatives
- in the location of
- opposite of out
- 3rd-person verb
- pronoun
- negative
- over
- therefore
- in the direction of
- you and me
Twice around the isle/aisle

A swimmer recently swam twice around Manhattan Island in 21 hours, 2 minutes and 46 seconds. Working in pairs, how long will it take you to swim twice around Manhattan? Below are 36 pairs of homonyms—words that sound the same but are spelled differently and have different meanings. If you get both members of a pair (spelled correctly), count 40 minutes of time; if you get only one, count 50 minutes; if you get neither, count 50 minutes. If you can think of a third homonym (e.g. *I'll* in the above example) subtract 20 minutes.

1. First Lap:
   a. carry—naked, unclothed
   b. also—number
   c. precious, costly—forest animal
   d. in this place—perceive with the ear
   e. thus—join cloth together with needle and thread
   f. perceived, understood—division of a play
   g. went before, guided—heavy metal
   h. looked at and understood printed letters—color
   i. act of selling—piece of cloth on a boat to catch the wind
   j. heaviness—stay in place until something happens
   k. be aware of, understand—not any
   l. consumed—number
   m. permitted—spoken, not silent
   n. period of time—belonging to us
   o. estimated, answered without being sure—invited visitor
   p. prevailed, was first in a contest—number
   q. was aware of, understood—fresh, of recent origin
   r. purchase—next to

2. Second Lap:
   a. crushes or grinds with the teeth—select
   b. alternatively—flat piece of wood used to row a boat
   c. part of the foot—pull something with a rope
   d. main, most important—rule or standard of behavior
   e. small hotel—preposition
   f. pushed air out of the mouth—color
   g. precipitation—rule, be in power
   h. correct, proper—put words on paper
   i. was carried on a horse—street, pathway
   j. the mixture of gases that we breathe—one who inherits
   k. went higher—lines of things
   l. one of the masculine gender—post, send a letter
   m. an opening in something—entire, complete
   n. total of added numbers—a few, any
   o. insect that makes honey—exist
   p. oceans—grasp, take hold of
   q. flock, group of animals—perceived, listened to
   r. place where string or rope is tied together—negative
Alphabet connect

I am the largest of the land mammals. I live in the forests and savannas of Africa, India, and Southeast Asia. Who am I? To answer the question connect the letters of the alphabet in order (A,B,C…), first the capital letters, then the small letters.