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This book presents 12 strategies (focusing on one strategy a week) for students to increase vocabulary and boost communication skills, suggesting that these techniques can easily double the average person's vocabulary. After an introduction, the book presents the following 12 techniques: (1) "Expand on What You Know: Synonyms, Antonyms, and Homophones"; (2) "Build through Word Structure: Base Words and Prefixes"; (3) "Build through Word Endings: Base Words and Suffixes"; (4) "Find Related Words and Grow"; (5) "Gain Meaning from Context"; (6) "Say Exactly What You Mean"; (7) "Play the Analogies Game"; (8) "Create Word Maps and Word Webs"; (9) "Search for Treasure in Dictionaries and Thesauruses"; (10) "Learn More about Word Structure: Roots and Affixes"; "Discover Latin and Greek Word Families"; and (12) "Take a Foreign Tour: Words from Other Languages." An epilogue, "Keep Building Your Vocabulary: An Ongoing Process," is attached. (RS)

Building a STROMO Vocabulary

12 WEEK PLAN for students

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BUILDING A STRONG VOCABULARY

A Twelve-Week Plan for Students

Carl B. Smith, Ph.D.

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Introduction

Building Vocabulary for Success

By focusing on one area—vocabulary—can you

- raise your IQ,
- boost your success in school, and
- improve your job opportunities in the future?

The answer is *yes*! Although many things are involved in reaching your goals, studies have shown that IQ test scores, school grades, and job success are closely linked to vocabulary.

These studies should not surprise us. Ideas are expressed with words. The more words you have at your fingertips, the more precise you can be in communicating your ideas to others. In school and in the business world, you are usually evaluated on your ability to express yourself clearly. For jobs in an increasingly information-intense society, the demand for precise expression will increase.

Building vocabulary, then, becomes the most concrete means you have to improve your ability to express your ideas clearly. By sharpening your vocabulary skills, you gain

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control over school subjects, workplace issues, and the world of ideas in general. That's why the strategies in this book are so important!

Double Your Vocabulary

Each of the techniques discussed on the following pages can help you expand your vocabulary, and taken altogether they can easily double the average person's vocabulary.

If we were to boil this book down into one word, it would be *curiosity*. Set your mind to become more curious about words, their meanings, their power, and their ability to give you control over the world of information.

Why don't you talk with your teachers and ask for advice on ways to connect vocabulary development in school with the informal work done at home? You will probably find that many of the techniques used in this book are also used in the classroom.

Extensive reading provides the best way to build a rich vocabulary. By reading every day, using the techniques in this book, and working with teachers, you can greatly increase your vocabulary skills. The combination of your curiosity and these skills will ensure significant dividends now and in the future.

How to Use This Book

One Skill a Week

1. This book is organized so that you can focus on one word-building skill each week.

Do you have to spend a week on each skill? No, but we think a week on each one makes it manageable. We all learn best if we do a little each day. Then end the week with a quick checkup, using the activities that are provided.

2. Talk with a partner. Words need to be used to become part of your vocabulary.

Explore new words and practice using them with a friend or a parent. Let them work with you and let them learn with you. Your parents will be impressed with your newfound word power.

- 3. Start a vocabulary notebook. It takes only a few minutes a day.
- 4. Become aware of words. Learn to play with them.



Week 1

Expand on What You Know

Synonyms, Antonyms and Homonyms

Always use words you already know; then search for synonyms and antonyms.

We will begin this first week by looking at ways to build your vocabulary by searching your memory.

A. Synonyms and Antonyms: Words That Mean the Same, Words That Mean the Opposite

Synonyms are groups of words that have the same or almost the same meaning. For example, *big*, *large*, *buge*, and *enormous* are closely related in meaning.

Antonyms are words that have opposite meanings. For example, big and little mean the opposite, as do fast and slow or up and down.

These two terms suggest ways of organizing words into logical groupings:

- Synonyms are related by their similarity of meaning.
- Antonyms stand in *contrast* to one another.

Synonyms and antonyms can also help to define unfamiliar words. When we encounter a new word, we can often understand it more fully if we relate it to a familiar word whose meaning is similar or is the opposite. For example, if someone makes a *colossal* mistake, it is not just a *big* mistake; it is *huge*, *enormous*, or even *gigantic*. Furthermore, something that is *colossal* is the opposite of *small*, *tiny*, or *insignificant*.

Here are some examples of familiar synonyms and antonyms:

Synonyms	Antonyms
start, begin	off - on
sad, unhappy	up - down
odd, unusual	stop - start
ask, request	slow - fast
answer, reply	bright - dark
calm, still	light - heavy
jump, leap	question - answer

List some other pairs of s i find them in your reading.	ynonyms and antonyms as
Synonyms	Antonyms

Look for synonyms and antonyms as you read, and

select those that you would like to pay attention to.

Putting Synonyms to Work

The search for synonyms and antonyms provides an excellent way to increase your vocabulary because it helps you discover several different ways of expressing a single thought or idea. For example, instead of just saying "I was mad at him," you might say "I was angry (or furious or annoyed or exasperated) at him."

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			make you	so angry	that you
ma bec	ome <i>furioi</i>	use			
			····		
	·				

Now look at some sentences that tell about different ways of *running*. Notice that each sentence uses a different verb which is exactly suited to its specific situation. We could say that all these verbs are synonyms, but each sentence is much more interesting and precise than it would have been if we had used the word *ran* in every case.

Synonyms for ran—Can you picture the difference?

Two squirrels *scampered* around, looking for acorns.

The chipmunk *skittered* through the dead leaves.

A herd of zebras *loped* across the plain in search of food.

Synonyms and antonyms don't always have to be individual words. For example, if you *like* something, you can say that you *enjoy* or *admire* it, but you can also say that you *find it agreeable* or you *are fond of it* or you *are partial to it*. These are all synonyms; it's just that some of them are longer, more elaborate ways of saying that you *like* something.

Keep a vocabulary notebook. Write synonyms and antonyms every time you are searching for just the right word.



Look back over this section and antonyms. Which words during the words during the words during the words?	//

B. Homophones: Words That Sound the Same

In English there are many sets of words that have the same sound but that have different spellings and meanings: *here* and *hear* or *to*, *too*, and *two*, for example. These groups of words are called **homophones**, which means "the same sound."

As we move from simple homophones to more challenging ones, we encounter new words that sound like more familiar ones: seen and scene or complement and compliment, for example.

Use these homophones in sentences of your own.
Have you seen my umbrella?
We looked out on a scene of incredible beauty.
This hat will complement the rest of your outfit.
We should compliment her on her excellent performance.

Watch Out for Tricky Homophones

Some homophones are more troublesome than others. This is especially true of the words *to*, *too*, and *two*. We can clarify the meanings of these words by looking at the ways in which they are most often used.

To is often used as a *preposition* followed by a noun. It usually means "toward" or "in the direction of something."

Dad gave me a ride to school today.

To can also be used before a verb to tell about doing something.

I like to ride my skateboard.

Too can mean "more than enough." It is often followed by a word such as *many* or *much*.

Don't try to carry too many boxes.

I ate too much pizza and got sick.

Too can mean "also" or "in addition." Notice how the commas are used with the word too in the following sentences.

These words, too, need to be defined more clearly.

When I left for school, my dog wanted to come, too.

Two is the spelling for the numeral **2**. It is never used in any other way. When you use this numeral in a sentence, it is usually spelled out.

Two of my friends met me at the game.

We have two puppies and two kittens.

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The words *their*, *there*, and *they're* make up another challenging group of homophones.

There is often used as an adverb that tells where something is located. It means "in that place" or "in that direction."

Look for the ball over *there* in the bushes.

We ran *there* to see what had happened.

There can also be used to begin a sentence. It is usually followed by a verb such as *is* or *are*.

There is no more milk in the refrigerator.

There are two more cookies left.

Their is a plural possessive noun. It is used to show that something belongs to two or more people or things.

Two of my friends left *their* books on the bus.

These are difficult words. I'm not sure about *their* meanings.

They're is a contraction of the words *they are*. The first letter of the verb *are* is dropped and an apostrophe is put in its place. The two words are then joined and pronounced as one.

They're going to the game tomorrow.

Do you know if *they're* planning to attend?

they'n	•	ting your	own ser	ntences us	sing there, t	<i>heir</i> ; and

Two other pairs of homophones may also cause trouble if you are not careful.

Its is a possessive pronoun that shows ownership.

The school is proud of its team.

The little town finally received *its* new fire truck.

It's is a contraction of the words it is.

It's going to be cold today.

Do you know if it's eight o'clock yet?

Your is a possessive pronoun that shows ownership.

Be sure to bring your own chairs.

Did you forget your gloves?

You're is a contraction of the words you are.

You're going to be late if you don't leave soon.

I hope you're able to find your gloves.

Familiar Homophones

Here are some of the homophones you encounter fairly often. Can you use each word correctly? Share this activity with your partner. Point to each word and use it in a sentence, or write sentences on a separate piece of paper. You can check each other.

NOTES

ate, eight bare, bear base, bass blew, blue brake, break

buy, by flour, flower hole, whole hour, our knew, new

NOTES

knight, night know, no one, won peace, piece right, write

sail, sale sea, see son, sun waist, waste

wait, weight way, weigh weak, week wood, would your, you're

More Challenging Homophones

The following homophones may not be quite as familiar as the ones you just saw. Consult your dictionary if you're not sure about the meaning of some of these words. Use each one in a sentence and share your sentences with a partner. Between you, can you give a meaning for each word?

NOTES

aisle, I'll, isle bolder, boulder bridal, bridle cereal, serial

NOTES

choral, coral chorale, corral cite, sight, site coarse, course complement, compliment

core, corps council, counsel dual, duel foreword, forward loan, lone manner, manor miner, minor patience, patients

principal, principle rain, reign, rein scene, seen stationary, stationery vain, vane, vein

When you are reading, notice how these words are used. Also practice writing groups of two or three sentences containing each of these sets of homophones. Your sentences can help you understand these words by providing a context that clarifies each meaning.

In your vocabulary notebook, list the homophones that you want to work on. Write sentences that help you clarity their meanings.





Week 1. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Pick some familiar verbs and adjectives and think of as many **synonyms** as you can. Use each word in a sentence. Here are some suggestions:

watch (verb): look at, stare, observe, peep, notice

fast (adjective): speedy, swift, rapid, quick, fleet

2. Pick some familiar adjectives and think of as many antonyms as you can. Use each word in a sentence. Here are some suggestions:

good: bad, evil, wicked, corrupt, worthless, false

easy: hard, difficult, laborious, exhausting

the so	und of the word in italics.
	Look through these magazines for pictures of giraffes.
- 1	How much longer do we have to wait?

3. Look at each of the following sentences and then

write another sentence using a homophone that matches

I'd like to take a *course* in jewelry making.

Now think of some more groups of homophones and use them in sentences.

Notes



Build through Word Structure

Base Words and Prefixes

One of the most powerful strategies you can use to expand your vocabulary is to learn about word structure.

This week we will begin to explore the important subject of word structure. When we talk about word structure, we mean that many words are made up of two or more separate parts. If we understand how these parts fit together, we can better understand the meaning of the word itself.

Base words are the simplest and most familiar words we have in the English language. They are complete in themselves and don't need anything else to make their meanings clear. For example, dog, cat, rabbit, elephant, run, walk, and stumble are all base words. So are and, the, fast, slow, up, and down. Whether base words have one syllable or several, they are always complete and make sense as independent words.

Prefixes are syllables that can be added to the beginning of many words. Prefixes are *not* complete in themselves, but they do serve an important function: They change the *meaning* of the word to which they are added.

A. Prefixes That Mean "Not"

 One of the most commonly used prefixes is un-, which means "not" or "the cpposite" of something. It is often added to adjectives to create pairs of descriptive words with opposite meanings.

fair	unfair
equal	unequal
certain	uncertain
even	uneven
usual	unusual

Word Structure

The words in the preceding list show how a knowledge of prefixes can help you understand word structure. For example, the word fair is a base word that can stand on its own. When we add the prefix un-, we form a word that has two parts, a prefix and a base: un + fair. This is the type of two-part word structure we will see throughout this week.

dd the pref		
		
	 	 ····

The prefix *un*- can also be added to verbs. In the following examples, the second verb in each pair means "to do the opposite" of the first verb.

fold	unfold
load	unload
lock	unlock
tie	untie
wrap	unwrap

• The prefix *dis*- also means "not" or "the opposite of something." It an be used with verbs, nouns, and adjectives.

like dislike obey disobey appear disappear

order disorder comfort discomfort

loyal disloyal honest dishonest

Write some other words that can begin with the prefidis. Use the dictionary if you need to. Make sure that the words you look up actually do begin with the prefix disused to mean "not." Some words such as display and distress
begin with dis-, but this syllable is not used in quite the same way as the prefix in dislike or disorder.

• Finally, the prefix *non-* also means "not" or "the opposite." It is often used to form adjectives and nouns.

nonstop, nonviolent, nonprofit, nonskid, nonfiction

As you read, notice words with prefixes. Place interesting ones in your vocabulary notebook.



B. Prefixes With a Variety of Meanings

• The prefix *re*- is added to some verbs to show that something is done again.

play	replay
use	reuse
heat	reheat
start	restart
make	remake

The same prefix can be used to suggest the idea of moving back or of returning something to its former state.

return refund restore reverse recollect

Notice that a word such as *recollect* does not mean "to collect again." Instead, it means "to bring something *back* to memory after a period of time." The word *restore* does not mean "to store again"; it means "to put something *back* in its former location or condition." You already know that *reverse* means to turn around and go *back* in the direction you came from.

	Look at the following definitions and then write the beginning with <i>re</i> - that fits in each case.
	To make extensive changes or repairs to a structure:
•	To catch a basketball that bounces off the backboard:
	To revive and restore strength:
	To strengthen with additional support:
•••	• • • • • • • • • • • • • • • • • • • •
	• The words over, under, and out can also be used as prefixes. They often create verbs that mean "going beyond something."
	overtake, overthrow, overflow, overheat, overlook
	undertake, undersell, underplay, undergo, underrate

outgrow, outsmart, outspend, outhit, outweigh

each	You can probably think of still more words that begin these prefixes. In fact, some of them aren't verbs. After of the following definitions, write the word beginning over- or under- or out- that fits.
	The outer garment you wear when it's cold:
	The player or team that is not favored to win:
	Where you go when the weather is nice:
	To put too much stuff in the car:
	The way you pitch a softball:
	To beat everybody else in a race:

22 33

• The words off and on can also be used as prefixes. When they are used this way, off means "from, out of" and on means "on, toward."

offshore, offside, offset, offstage, offshoot, offbeat

onshore, onside, onset, onstage, onrush, onboard

 Here are some other prefixes you encounter fairly often:

mid- means "in the middle."
midday, midnight, midyear, midway, midfield
mis- means "wrong" or "bad."
misquote, mispronounce, misbehave
pre- means "before."
prewar, precook, prejudge
post- means "after."
postwar, postdate, postmodern

Look in your dictionary and find other words beginning with these prefixes that you might want to use. Write these words in your vocabulary notebook.

C. Absorbed Prefixes

The prefix in- often means "not" or "without."

incorrect, informal, infrequent, inconvenient

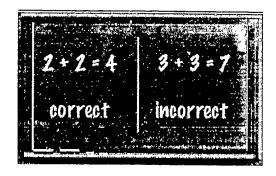
Sometimes the prefix *in*- has to be written with other spellings so that it can be pronounced more easily before certain consonants. When this happens, *in*- becomes an *absorbed prefix*.

For example, in- changes to im- before the letters m and p:

imperfect, immortal

The prefix in- changes to il- before the letter l, and it changes to ir- before the letter r:

illegal, illiterate irregular, irrational



in	Look at the sentences given below. Write the word uning with <i>in-</i> or <i>im-</i> or <i>il-</i> or <i>ir-</i> that fits in each case.
	Something that is not proper is
	Something that is not logical is
	Something that is not mature is
	Something that is not human is
	Someone who is not responsible is
	·



Week 2. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Think of some familiar words and then add as many prefixes as you can to each word. Here are a few examples:

Base Words	Possible Prefixes
cover	uncover, recover
locate	dislocate, relocate
run	outrun, overrun
hand	overhand, underhand

How many prefixes can you add to the following words?

place		
connect	 	
qualified		

26

	h word in a sentence.
djectiv	Think of a sentence that uses a familiar verb or ve. Then write another sentence using the same wor prefix added. Here are some examples:
a.	I agree with most of the things you said.
	However, I disagree with your opinion of that movie
b	. Let's use new materials for this part of the house.
	We can <i>reuse</i> the bricks and boards for the garage.
_	. Most of the answers are correct.
C.	
C.	Two of the answers are



Week 3

Build through Word Endings

Base Words and Suffixes

This week we will continue to find out more about word structure. Once again we will add something to base words to form new words.

Suffixes are syllables added at the end of words: *help*, *helper*; *quick*, *quickly*; and so on. Suffixes are not complete words in their own right, but they do have meaning and they affect the way a word is used in a sentence by changing it from one part of speech to another. For example, the verb *help* is changed to the noun *helper* by the addition of the suffix *-er*.

A. Adjective-Forming Suffixes

• The suffix -ful means "filled with something" or "able to do something." It is often added to nouns or verbs to change them to adjectives.

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help	helpful
power	powerful
hope	hopeful
peace	peaceful
use	useful
forget	forgetful

List some more words that can take the suffix -ful.

thank	
wish	

Word Structure

The words in the preceding list show how suffixes affect word structure. For example, the word *help* can stand on its own. When we add a suffix, we form a word that has two parts, a base word and a suffix: *help* + *ful*. This is the type of two-part word structure we will see throughout this week.

• The suffix -less can also be added to nouns or verbs to form adjectives. This suffix means "without" or "something that does not."

cloud cloudless
fear fearless
spot spotless
weight weightless
worth worthless

Can you think of other words that can take the suffix -less?

fault _____

In some cases, either -ful or -less can be added to the same base word. When this is done, we get pairs of adjectives that have the opposite meaning:

careful careless fearful fearless joyful joyless hopeful hopeless useful useless Think of some other words that can end with both of these suffixes.

restful	

The following adjective-forming suffixes are used very often. Notice that most of the base words are nouns or verbs. In fact, a number of words such as *love* or *use* can be either nouns or verbs. Also notice that the final *e* in some base words is dropped when the suffix begins with a vowel.

• The suffixes -able and -ible mean "capable of being." For example, something that is usable is capable of being used.

love, lovable use, usable read, readable break, breakable sense, sensible collapse, collapsible permit, permissible respond, responsible

Notice words that you will want to use in your own writing. Add these words to your vocabulary notebook as you go along.



• The suffixes -ic and -ish mean "resembling in form; derived from; in the manner of." For example, someone who is *childish* is acting like a child.

hero, heroic girl, girlish graph, graphic boy, boyish strategy, strategic fool, foolish

Can you think of some other words that end with the suffixes -ic or -ish?

metal _	 child	

A number of other words that end with -ic are also adjectives: basic, civic, classic, frantic, and bectic, for example. Here the suffix -ic is not always added to clear base words, but the words are adjectives none the less.

With a partner, practice using these words in sentences. In your vocabulary notebook, write those words that you want to discuss or study further.



• The suffix -ive means "leaning toward" a certain action. For example, someone is selective if he or she tends to be careful when choosing things. This suffix is often used to change verbs to adjectives.

act, active
express, expressive
progress, progressive

select, selective decide, decisive extend, extensive

Write a sentence using each of the -ive words listed above.

He is a very active person.

She is very	when she chooses a new hat.











He is a very expressive person.

	example, something	is "possessing" or "full of." For that is <i>dangerous</i> is full of soften used to change nouns to
	fame, famous hazard, hazardous peril, perilous	joy, joyous nerve, nervous rigor, rigorous
could	_	es in which these adjectives ook up the meanings of the s in your dictionary.
a fa	mous person	
a		occasion
a	CI	urve in the road
••••	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
("showing, suggesting	used as a suffix that means g." This suffix is often used to ectives. (Drop the final e before)
	fun, funny luck, lucky grime, grimy	ease, easy mud, muddy slime, slimy

In your reading in books, find other adjectives that end v	magazines, and newspapers, vith -y and list them here.

• A number of adjectives end with the suffixes -ant and -ent. These adjectives mean "performing a certain action or being in a certain condition."

abundant	competent
elegant	consistent
ignorant	excellent
pleasant	innocent
relevant	persistent

See if you and your partner can use these words in sentences. Look in the dictionary to check any words you're not sure of.

B. The Adverb-Forming Suffix -ly

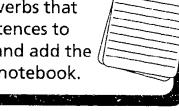
• The suffix -ly means "in a certain way." It is often added to adjectives to change them to adverbs. When an adjective such as easy ends with y, the final y is changed to i before the suffix is added.

Adverb
quickly
slowly
badly
easily
carefully
happily

Add -ly to change each of the following adjectives to an adverb. Use each adverb in a sentence.

Adjective	Adverb	Sentence
dreary		
calm		
warm		
dreamy		

In your reading, notice adverbs that end with -ly. Copy the sentences to show how they are used, and add the words to your vocabulary notebook.



NOTES

C. Verb-Forming Suffixes

• The suffix -en means "to cause to be" or "to cause to have." This suffix can be added to some adjectives to change them to verbs. For example, if we soft in something, we cause it to become soft.

Adjective	Verb		
dark	darken		
bright	brighten		
hard	harden		
thick	thicken		
sharp	sharpen		

Think of some descriptive words that you often use. Can you think of any that can be changed to verbs by adding the suffix -en? Write these words as verbs ending with -en.

weaken

. ,)

BUILDING A STRONG VOCABULARY

• The suffix -ify means "to cause or make." For example, if we *purify* something, we cause it to become *pure*. This suffix is often added to nouns or adjectives to change them to verbs.

just	justify
clear	clarify
beauty	beautify
false	falsify
terror	terrify
intense	intensify

Look at the following words. Write each one with the suffix -ify added to change it to a verb, and then define the word or use it in a sentence.

Verb	Definition
class	
solid	
horror	
liquid	

• The suffix -ize means "to make or cause to become." For example, if we memorize something, we cause it to be committed to our memory. This suffix can also be added to some nouns or adjectives to change them to verbs.

critic criticize
apology apologize
central centralize
civil civilize
item itemize
memory memorize
popular popularize

Add the suffix -ize to each of the following words to make it a verb. Can you use each verb in a sentence?

D. Noun-Forming Suffixes

• The suffixes -er and -or are often used change verbs to nouns. These two suffixes specify the person or thing that performs the action of the verb. For example, someone who swims is a swimmer and someone who sails is a sailor.

begin, beginner follow, follower lead, leader run, runner swim, swimmer

act, actor elevate, elevator govern, governor invent, inventor sail, sailor

Add -er or -or to each of the following verbs to change it to a noun.

 start ______
 reflect ______

 creep ______
 conduct ______

 stroll ______
 protect ______

In some cases the -or suffix is found in words that are not base words in their own right. However, these words still name someone who does something or is something.

ancestor, author, doctor, mayor, pastor, sponsor

• The suffix -ion is one of the most important nounforming suffixes in the English language. It changes verbs to nouns that name the act or result of doing something. In particular, there are many verbs that end with -ate. With these verbs, just drop the final e and add -ion to form nouns. When the verb ends with ss, just add -ion with no further change.

locate	location
dictate	dictation
elevate	elevation
migrate	migration
rotate	rotation
discuss	discussion
express	expression
impress	impression

Other verbs have to undergo even greater changes before the suffix -ion can be added to form nouns. Here are some examples:

admit	admission
extend	extension
describe	description
accuse	accusation
identify	identification
civilize	civilization

Sometimes the final consonant of the first word changes when the suffix is added, as in *admit* and *admission*. Often the letter *t* is added before *-ion* to form a suffix that is spelled *-tion* and is pronounced like the word *shun*. This is the case in *describe* and *description*. In some cases another syllable is added to form the suffix *-ation*, as in *accuse* and *accusation*.

Often you can figure out the meaning of a word that ends with the suffix -ion if you look carefully at the original word on which it is constructed. See if you can do that with these words:

Original Word and Its Meaning

calculation
confession
donation
permission
prescription

Discuss with a partner.

• In Section A we saw the adjective-forming suffixes -able and -ible, which meant "capable of being."

The suffixes -ability and -ibility are closely related and are used to form nouns that mean "the tendency to act or to be acted upon in a certain way."

Adjective	Noun			
usable	usability			
readable	readability			
breakable	breakability			
sensible	sensibility			
responsible	responsibility			
visible	visibility			

In your reading, watch for any other words ending with *-ability* and *-ibility* and add them to your vocabulary notebook.

• The suffix -ment means "the act or result of doing something." It is often used to change verbs to nouns.

employ	employment
govern	government
entertain	entertainment
amaze	amazement

	Add the	suffix	-ment to	the	following	words	to	change
them	to nou	ns.						

align	
enjoy	***************************************
resent	
punish	

• The suffix -ness means "the condition or state of being." It can be used to change adjectives to nouns. When the adjective ends with y, this letter changes to i before the suffix is added.

dark	darkness
bright	brightness
hard	hardness
soft	softness
weak	weakness
happy	happiness

Always challenge yourself to use words in a sentence, especially when you feel uncertain about word meaning. Discuss them with your partner.

anc	Look at each of the following words ending with -ness I give a brief definition of each one.
	emptiness
	goodness
	weariness
	lightness

• The suffixes -ant and -ent can be added to verbs to name the person or the thing that performs an action.

assist, assistant depend, dependent attend, attendant correspond, correspondent

The suffixes -ance and -ence are related to -ant and -ent. The suffixes -ance and -ence name the quality of something or the process of doing something.

assistance attendance dependence correspondence

In your vocabulary notebook, write the words you want to remember that end with the suffixes we have seen.



As you practice writing suffixes, check a dictionary to be sure that the base words and the suffixes you choose are correct and can be combined to form new words. Most dictionaries list suffixes as separate entries, preceded by a hyphen (-ness, -ly). In this way, you can distinguish between individual words (such as able or less) and suffixes that are spelled the same way (-able or -less). Also remember that the suffix -ful is spelled with one l; the word full is spelled with two l's.

less Not as much. I have less work to do today than I had yesterday. Adjective.

—To a smaller extent or degree. This watch is less expensive than that one. Adverb.

—A smaller number or quantity. I finished less of the work than I had planned. Noun.

—With the subtraction of; minus. 10 less 7 is 3. Preposition.

less (les) adjective; adverb; noun; preposition.

-less A suffix that means: 1. Having no; without. Hopeless means having no hope.
2. That cannot be. Countless means that cannot be counted.

Macmillan School Dictionary 1. New York: Macmillan/McGraw Hill, 1993.

E. Affixes and Roots

The term **affixes** includes both prefixes and suffixes. In later weeks we will use this term as we see how prefixes and suffixes can be used to form an ever-increasing number of words.

Last week we saw prefixes added to base words. This week we have seen that many suffixes can also be added to base words. Remember that base words have their own meaning and are complete in themselves.

However, affixes can also be added to other word parts called **roots**. These are *parts* of words that have been borrowed from other languages such as Latin and Greek. For example, in the words *import* and *portable*, the root *port*- is taken from the Latin word *portare*, which meant "to carry."

Although word roots are important in English, they are not complete in themselves and cannot be used as independent words. Their meaning becomes clear *only* when they are joined with affixes. This subject will be discussed more fully when we talk about word roots and word families in weeks to come.



Week 3. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Choose some familiar words and see how many suffixes you can add. Notice how the suffix changes the way the word can be used in a sentence, and then write sentences of your own. For example:

use useful, useless, usable communicate communication hazard hazardous combine combination happy happiness

Now pick some words of your own and write them below:

2. Select some words that already have suffixes. Explain how the word is constructed and show what the parts of the word mean. Use each word in a sentence. Here are some examples:

employment: The suffix -ment is added to the verb employ. The suffix changes the verb to a noun meaning "the state of being employed."

My uncle's employment with that company lasted for fifteen years.

continuous: The suffix -ous is added to the verb continue. The suffix changes the verb to an adjective which describes something that goes on without stopping.

After the storm there was a continuous flow of water that lasted for hours.

Challenge yourself. Can you use home words?

enormous, frivolous, momentous, ominous, pompous, stupendous, tremendous

Vocabulary Notebook: List at least one new word each day in your notebook. Come back to these words once a week to review them.





Find Related Words and Grow

This week we turn our attention to groups of words that share something in common. By searching for similarities, we can better understand the effect that prefixes and suffixes have on base words. We can also discover that words which appear to be different may share a common meaning.

Related words are built on the same base. This means that they share some common element of meaning no matter how many affixes are added. For example, look at this group of words:

act react
action reaction
active inaction
activity deactivate
activate

Several affixes are used here, but the word act can always be seen clearly in each example. Although we can change the verb act to nouns (action, activity, reaction), to adjectives (active, inactive), and even to other forms of the verb (activate, react, deactivate), the meaning of act is present in all these words. For example, react means "to act against something," inactive simply means "not active," and deactivate means "to make inactive."

Word Structure

This week you see that it is possible to add several affixes to the same base word. When we do this, we can construct words that consist of three or more parts. For example, the base word act can have both a prefix and a suffix added, as in the word reaction, which is made up of three parts: re + act + ion. We can add two suffixes, as in the word activate, which has three parts: act + iv + ate. We can even add a prefix to this to form the word deactivate, which has four parts: de + act + iv + ate. You can see that an awareness of word structure helps you understand that words are put together in logical ways and that each part of the word contributes to its meaning.

	How many words o	can you think of	that are relate	d to
the	word direct?			

direction	

Suffixes are especially important in creating groups of related words. Because they change the part of speech and the way a word is used in a sentence, suffixes allow us to form several words that share a common meaning. Sometimes we can add suffixes without changing the spelling of the original word.

detect, detective connect, connection break, breakage govern, government comfort, comfortable joy, joyful

As we saw in the preceding week, a number of other words do change their spelling when suffixes are added. Often the final *e* is dropped or some other letter is changed at the end of the base word to make pronunciation easier. Here are some examples:

use, usable locate, location pure, purify

decide, decision simple, simplify persuade, persuasive

A. Choosing the Right Suffix

One good way to practice creating groups of related words is to start with some verbs and then add the suffix that will change each verb to a noun. First look at these suffixes:

SUFFIXES: -er, -ion, -ance, -ment, -or

Now choose the suffix that will change each of the following verbs to a noun. (For now, use only one suffix with each verb). Write your answers on a separate piece of paper if you prefer.

VERB	NOUN
elect	
help	
enjoy	
sail	
perform	

Can you think of any o	ther words that end with these
suffixes? As you read, write dadd to your vocabulary.	lown words that you want to

B. Thinking of Suffixes on Your Own

Here is another list of verbs to change into nouns, but this time you won't have a list of suffixes to choose from. If necessary, refer to the noun-forming suffixes discussed in Week 3, Section D. In some cases you should be able to find two nouns that are related to a particular verb. Write your answers in the spaces below or on a separate piece of paper if you prefer. Work with a partner whenever possible.

Verbs	Nouns	
invent		
adjust		
consume		
impress		
depend		
dding suffixes to v	ing, notice any nouns that are formed verbs: act and action or swim and swimm own these nouns as you encounter ther	ier, fo

C. Choosing Adjective Suffixes

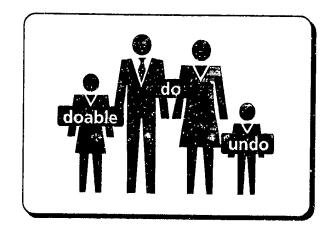
In the following pairs of related words, see if you can change nouns and verbs into adjectives using suffixes such as -y, -ous, -ful, -able, or -ive. Write your answers on a separate piece of paper if you prefer.

Nouns or Verbs	Adjectives	
foam		-
break		-
fame		-
create		-
danger		-
As you read, take note with these suffixes. If the according or verb, make sure your original word (as in fame are	ou understand the	

D. Groups of Related Words

Finally, see how many related words you can think of on your own. Use each of the given words as the starting point and write two or three related words, using the prefixes and suffixes we have seen so far. The first example is already given.

Given Word	Related Words		
connect	disconnect,	connection	
law			
organize			
honor			
construct			
locate			





Week 4. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

- 1. Look at each of the following examples. Notice the word in italics in the first sentence in each pair. In the second sentence in each pair, decide on the related form of the word that will fit in the blank. Write the word in the blank space. The first example is already given.
 - a. This design is not simple enough.

We must simplify it even more.

b. There were no clouds in the sky.

The sky was _____.

c. Anna is interested in science.

She wants to be a _____ someday.

d. This machine will help us on our next project.

It will be _____ when we record information.

BUILDING A STRONG VOCABULARY

e. Be sure to measure each piece carefully.
We must have precise if everything is going to fit together.
2. Look at each sentence given below. Write another sentence using a related form of the word in italics. The second sentence in each example should reinforce the meaning of the first sentence, just as you saw in Section 1.
a. How can we improve the quality of our work?
b. Does this map <i>indicate</i> the location of the building?
c. We need some place to <i>store</i> all this stuff.
d. I'm afraid this trip will be a <i>disaster</i> .
e. He is sure his plan will <i>work</i> .



Week 5

Gain Weaning from Context

In almost any story or selection in a textbook you may encounter words that are unfamiliar. Often these are key words that are very important and must be understood clearly. Clues to the meaning of such key words are sometimes provided by context. This means that information in the surrounding sentences often helps to clarify the meaning of an unfamiliar word. Although context will not always provide a complete definition of such a word, it can give important information that helps you understand what you are reading.

A. Look for Signals

Writers often use certain cues or signals to indicate that an important word is going to be defined. In the preceding paragraph you saw one of these signals: the word *context* was written in italics to highlight its importance and show that it is the key word in the paragraph. Then a definition was given in the very next sentence.

Clues to the meaning of such key words are sometimes provided by context. This means that information in the surrounding sentences often helps to clarify the meaning of an unfamiliar word.

- Particularly in textbooks, important words may be written in boldface. This darker print also helps these words stand out. Often such key words are defined in context.
- The colon (:) is another signal that can be used to introduce a passage which explains a word mentioned earlier in the sentence. The following example uses both boldface and the colon.

In the microscope we saw that the drop of water contained many **bacteria**: one-celled organisms that are too small to be seen by the eye alone.

The colon may also be used to introduce a list of things that help to define or elaborate on a key word. In such cases, the colon can represent the words "as follows."

Three things made the new engine particularly efficient: its light weight, its low fuel consumption, and its high energy output.

• Other signals are given by words such as "that is" or "for example" or "for instance." These words let you know that more information about an important word is going to follow.

One symptom of the disease is *lethargy*; **that is**, a feeling of sluggishness and a lack of alertness.

Several of the replacement parts were found to be *defective*. **For example**, some had been broken in shipment and others were poorly constructed.

Find the Cues in These Examples

In subject areas such as science or social studies, you will often find that important words are emphasized and defined as soon as they are introduced. Look at the following examples and then answer the questions about each one.

Scientists warned that the volcanic eruption might cause a **tsunami**: a powerful ocean wave that can do great damage.

What is the key word?	<u></u>
What cue lets you know that a definition will follo	w?
What is the definition?	

Centuries ago, people believed that the earth was the center of the universe. They also believed that the earth was stationary in space because they never detected any movement.

What is the key word?
What cue lets you know that the word is important?
What is the definition?
The drought had caused enormous damage. After months without rain, all the crops had withered and died. What is the key word?
What cue lets you know that the word is important?
What is the definition?

B. Use Inference

You won't always find obvious cues to let you know that a word is going to be defined in context. In the next example there is a clear connection between the two sentences even though no signal is given.

The small animal was startled by the noise. It ran back into its *lair* until the danger passed.

By combining the information in these sentences, you can tell that a *lair* is a place in which an animal can hide when it is frightened. We can understand the word better if we think of a *lair* as a kind of den or hiding place.

In the preceding example we had to use the thought process called *inference* in order to figure out the meaning of the word *lair*.

When we use *inference*, we take the information we are given and then rely on our own knowledge and thinking ability to find relationships that may not be apparent at first glance. We have to analyze what we are readir g and then rearrange it in our own mind.

In effect, we say to ourselves, "The sentences about the small animal tell me that a *lair* is a place in which an animal can hide when it is frightened or in danger."

Earlier we saw an example which showed how the colon provided a signal indicating that we would find more information defining a key word:

Three things made the new engine particularly efficient: its light weight, its low fuel consumption, and its high energy output.

If we stop to think about this sentence and rearrange the information so that it is more meaningful for us, we might say that "The engine is efficient because of its light weight, low fuel consumption, and high energy output." We can also take another step by formulating a more general definition such as this: "Something is efficient if it works well and gives the best possible results for the smallest amount of effort."

This points up one of the greatest values of inference. It also emphasizes one of the most worthwhile things you can do as you develop your own vocabulary.

Analyze the information you find in context and use it to develop your *own* definition of an unfamiliar word. If this definition is not as complete as you would like, then write down the questions that remain. These can guide you as you search for more information.

Practice Using Inference Yourself

Let's begin with an example that does not contain any obvious signals, but it does provide a definition of the word *festive* if we know how to use inference. Read the paragraph and then answer the questions that follow.

Susan's birthday party was the best she had ever had. There were lots of hats and noisemakers, and the room was filled with balloons and streamers. Everyone had a great time on this festive occasion.

•	What specific things made this the best party Susan
	had ever had?

•	What definition of festive can you give, based on the
	information in the paragraph?

These sentences tell of an enjoyable party and of a room filled with balloons and decorations. This context suggests that *festive* means "joyful, happy, "slad, merry." You may already know the word *festival* and be able to connect the two related words. Even though there is no obvious signal such as a colon to let you know that a definition is coming, you should realize that the second sentence contributes to the meaning of the word *festive* in the last sentence.

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The following paragraph does clarify the meaning of the word *paleontologist* if we analyze the information and make the necessary connections. Read the paragraph and answer the questions that follow.

Ed has always been interested in prehistoric animals. He especially likes to read about the ways scientists figure out the age of extinct animals by studying fossils. He wants to be a paleontologist when he grows up.

•	What	is	Ed	interested	in?
---	------	----	----	------------	-----

- What does he like to read about?
- By putting all this information together, how would you define the word *paleontologist?*

Check your definition by looking in a dictionary. You will probably find that the main entry is paleontology: the area of science that studies life in earlier periods by examining fossil remains. Notice that paleontology is the branch of science and a paleontologist is someone who specializes in that branch.

C. Discover the Variety of Meanings in a Single Word

It is easy to get the idea that "a word" has "a meaning" that can be found in "the dictionary." Often, however, this is not the case. Many words in the English language have more than one meaning, and there are also many kinds of dictionaries (as you will see in Week 9). Only by paying close attention to context can we be sure which meaning applies in a particular situation.

Even simple, familiar words can have a variety of meanings. Look at the different uses of the word *run* in the following sentences.

run (verb)

They **run** every morning for exercise. (to move quickly—faster than a walk.)

The machine will **run** better if you oil it. (to operate or work)

Buses **run** every hour from here to Boston. (to travel regularly)

They **run** a gift shop in the mall. (to operate, be in charge of)

run (noun)

I took the dog for a long **run** this morning. (the act of running)

The play had a **run** of almost a year. (a period of time during which something happens repeatedly)

There was a big **run** on purple socks at the store.
(a sudden demand)

The ski **run** is very popular. (a steep path or track)

If you look in a collegiate or unabridged dictionary, you will find that *run* has an enormous number of uses in addition to the ones given here. The important thing is that you must see how the word is used in context before you can have any idea of its meaning. In fact, you can't even look it up in a dictionary without considering how it is used in a particular sentence. How else will you know which definition to look at?

The word <i>walk</i> can also be a verb or a noun. Write several sentences using <i>walk</i> in different ways. If you run of of ideas, look in a dictionary.	ut
	•

Different Pronunciation and Meanings

In the preceding section, the word *run* did not change its spelling or pronunciation, even though it was used in a number of different ways. There are other words that keep the same spelling but change their pronunciation when they are used in different ways with different meanings. Look at the following sentences containing the word *bow*.

He is very skillful with the bow and arrow. She tied an elaborate bow on the package.

The actor returned to bow at the end of the play.

The bow of the ship cut through the choppy water.

In the first two sentences, bow rhymes with snow. It is used as a noun in both sentences, but the meaning is very different in each case. In the next two sentences, bow rhymes with bow. It is used as a verb in the first sentence and as a noun in the second. Once again, both meanings are different from those found in the first pair of sentences.

The word use rhymes with loose when it is a noun; it rhymes with fuse when it is a verb. Write a sentence showing the word use as a verb and as a noun.

Some words with more than one syllable actually shift the accent when they are used in different ways, even though spelling remains the same. Here are some examples of words of this type.

They kept a *record* of all their expenses. I want to *record* that program so I can watch it again.

We may have to get a *permit* before we can fish here.

Do they permit fishing in this area?

In the first sentence in each pair, the italicized word is used as a noun with the accent on the first syllable: *RECord*, *PERmit*. In the second sentence in each pair, the same word is used as a verb with the accent on the second syllable: *reCORD*, *perMIT*. Once again, it is important to pay attention to context in order to know which form of each word is being used.

The word *complex* has the accent on the first syllable when it is used as a noun, but the accent usually shifts to the second syllable when it is used as an adjective. Write sentences showing each use of the word *complex*.

The Importance of Context

Although context will not always clarify an unfamiliar word completely, it does provide an important starting point. Furthermore, when a word has a number of meanings, we *must* look closely at context before we consult a dictionary. This is the only way to tell which definition fits the passage we are reading.

Even if we do use context to figure out the meaning of a new word, this does not mean that the word will be remembered or will become a part of everyday vocabulary. If words encountered in reading are important enough to be added to your vocabulary, they should be studied more extensively using the strategies discussed in the following weeks.

NOTES



Week 5. Check Yourself

Carefully read the sentences given in the boxes. Then use the information in each example to answer the questions. Use a separate piece of paper when you need more space.

Example One

The storm's turbulence caused the small plane to bounce up and down wildly. It looked like a cork bobbing in a swiftly moving stream.

- 1. Give a definition of *turbulence* based on the information contained in these two sentences.
- 2. Can you think of a broader definition that might apply to other situations?

3. Which of the following pieces of information can be
inferred from the example? Mark T (True) or F (False) after
each one. (Notice that the sentences use both the noun
turbulence and the adjective turbulent.)

a.	Turbulence	can	be	encountered	in	air	or
	water.						

- b. Turbulence affects only airplanes. _____
- c. The direction of turbulence is often up and down. ____
- d. A turbulent sea is calm and placid. _____

Example Two

After beginning her study of zoology, Anne decided to focus her attention on *ornithology* because of her strong interest in birds.

1. Give a definition of *ornithology* based on the information in this sentence.

2. Two pieces of information are important in defining this word. Look closely at the information given before and after the term <i>ornithology</i> appeared in the sentence, and then answer the following questions:
a. Ornithology is a branch of study contained under what broader subject?
b. Ornithology is specifically the study of what?
Example Three
They looked out across the broad panorama, letting their eyes wander across the endless prairie and then up into the cloudless sky.
1. Give a definition of <i>panorama</i> based on the information provided in the sentence.
2. Make up your own sentence using <i>panorama</i> to refer to some other scene, not just to the endless prairie.

Example Four

We could hardly understand the guttural sounds of the language spoken by the native people. Every word seemed to have a harsh, throaty quality that was unpleasant to our ear

- 1. How is the word *guttural* used in this sentence? Is it a noun that names something, a verb that tells what someone does, or an adjective that describes something?
- 2. Look at the following statements. Each one is supposed to give a definition of *guttural*, but only one is correct.
 - a. Words that are hard to understand because they are in a foreign language.
 - b. Characterized by a harsh quality that makes words difficult to understand because sounds are produced in the throat.
 - c. Hard to understand because words are spoken by natives.

	ich stateme Explain wh				
other two	cannot be	correct.			
					
			· · · · · · · · · · · · · · · · · · ·		

Example Five

The next example provides a chance to combine the information in Week 1 with the material presented this week. In the following sentence, the word in italics is defined in context. After you have read it, answer the questions that follow.

Ellen tried to *mitigate* the damaging effect of the report by explaining that the situation was not as bad as it seemed and that many of the problems could be fixed very easily.

- 1. Which is the best synonym: describe, lessen, or exceed?
- 2. Which is the best antonym: *imply*, *reveal*, *increase*, or *notice*?

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		•	iake your			
in th	e original	sentence	e helped y	ou reach	a decisio	n?
	····					



Week 6

Say Exactly What You Mean

During this week we will emphasize words that have clear meanings. Such words are important in the middle and upper grades because writing often requires specific words that have fairly narrow definitions and thus give precise information. Let's begin by looking at two student compositions that show how words can be used effectively.

Student Writing: Example One

The following student composition provides a good example of the effective use of specific words.

Should English Be the Official Language of the U.S.?

English should be the official language. It always has been the official language. A lot of people know English and are comfortable with it. They should keep it that way. A lot of people want it to be the official language, and would feel unhappy and protest if it was changed.

It would be very hard on teachers. Trying to teach the kids the language. It would also mean larger classes. Everything would be very confusing!

It would be difficult and expensive for the schools. It would cost a lot of money to buy all the extra supplies. You would have to put signs up everywhere. For restaurants, for street signs, and for signs on almost everything.

My Summary is that things should stay the way they are. It is a waste to change. Most people want and talk English so they would have to learn a different language. It is foolish to change.

Look at the number of words in this composition that have specific meanings:

official expensive language supplies restaurants protest summary confusing difficult

You can get a good idea of the importance of these words if you compare the student's composition with another version that has been intentionally rewritten to weaken the effect. This is typical of the kind of thing that might be written by someone who has a more limited vocabulary or who doesn't think that precision is important.

English should be the only language because it has always been that way. Everybody speaks English and they wouldn't like it if it changed.

It would be hard to teach another language because it would be hard for teachers and it would be confusing.

It would cost a lot of money for extra stuff and you would have to change a lot of signs in different places.

Most people want to talk English so it should not change.

You can see that this version is very weak compared with the student's composition. The only significant words left from the original version are language and confusing. The rest of it is mush: "It has always been that way . . . Everybody speaks English. . . They wouldn't like it . . . It would be hard because it would be hard . . . A lot of money for extra stuff . . . Most people" All of this is so vague that the argument has no impact compared with the original version.

Some of the solid, specific words in the actual composition may not be used very often in everyday conversation (official, protest, summary), but they are valuable here because of the topic. The important thing is that these words are used correctly (even if the original spellings were not always accurate). The author shows a clear understanding of the meaning of these words, and these meanings are used effectively to build a fairly logical argument in favor of making English the "official language," as the student calls it. Even if you don't agree with the author's position, the use of specific words does make her writing effective.

Look again at a few of the words used in the student composition about making English the official language.						
expensive	comfortable	summary	protest			
Now rewrite each of the following sentences, using one of the preceding words to make each sentence stronger. Make any other changes needed to accommodate each word.						
A lot of p	eople <i>feel OK</i> ab	out speaking	g English.			
It would cost a lot to buy extra supplies						
A lot of p	eople <i>wouldn't li</i> .	ke it if thing	s changed.			
My staten change.	nent at the end is	that things	should not			

Student Writing: Example Two

Warfare

Why? What entered the human brain to make us senselessly destroy lives and property? Ever since the civilized world existed, they have torn lives apart, murdered, and destroyed for what reasons? We have been frightened, tormented, and destroyed to the limit. Even those of us who choose not to engage in combat still live in fear of bombing raids, insane killers, and terrorist attacks on our innocent selves.

The reasons for fighting range from religious problems to greedy dictators wanting the earth for themselves. And now, a single button or turn of a key can destroy us all.

If we cannot prosper peacefully, there is no hope for our children.

A few excerpts from this composition are given below. Look back at the student's writing to see what strong verb or precise descriptive term was used in each case. Write the missing word in each blank space.

to make us and property?	destroy lives
Ever since the	world existed

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Week 6. Say Exactly What You Mean

We have bed destroyed	en frightened, 		, and
insane k	illers, and		attacks
from rel	igious problen	ns to	
• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
Here are this composition	some more of ton:	he most import	ant words in
destroy	property	innocent	prosper
Use each precise statem	one of these w ent about some	ords in a senten thing you feel v	nce that makes a very strongly.

Descriptive Words in the Writing of Charles Dickens

Let's close by reading a passage from *A Tale of Two Cities* by Charles Dickens. Notice how the author uses words that give us a clear picture of a small coastal town in England.

(1) When Mr. Lorry had finished his breakfast, he went out for a stroll on the beach.
(2) The little narrow, crooked town of Dover hid itself away from the beach, and ran its head into the chalk cliffs, like a marine ostrich. (3) The beach was a desert of heaps of sea and stones tumbling wildly about, and the sea did what it liked and what it liked was destruction. (4) It thundered at the town and thundered at the cliffs, and brought the coast down, madly. (5) The air among the houses was of so strong a piscatory flavor that one might have supposed sick fish went up to be dipped in it, as sick people went down to be dipped in the sea.

Now look back at the passage to find the following examples of precise words and strong descriptive terms. (The number of each sentence is given in parentheses.)

- 1. In the first sentence, Dickens does not simply say that Mr. Lorry *walked* along the beach. What word does he use to give us a picture of exactly how Mr. Lorry walked?
- 2. In the second sentence, Dickens does not just tell us that Dover was near the chalk cliffs, away from the beach. Instead, he describes the town as though it were a person or an animal. Supply the missing words in this sentence:

Week 6. Say Exactly What You Mean

-	The town of Dover	away from
t	the beach, and	into the
	At the end of the second sentence, pares the town to a	Dickens com-
		·
stand this context. sand; Didid the sand marine randong the describinear the		hings out from its head in the est that the town context that e sea because the w in his stroll at Dickens is on the shore
4.	In the third sentence, Dickens des as "a	cribes the heach
	tumblin	ng wildly about."

This creates a strong image. Few of us would ever think of a *desert* as having anything to do with the seacoast.

5. In the fourth sentence, Dickens emphasizes the <i>sound</i> of the sea by saying:
"It at the town and at the cliffs."
If you've ever heard the ocean pounding against rocks on the coast, you know what a good description this is.
6. In the fifth sentence, Dickens says that the air had a
strong flavor.
You may not know this word, but you should be able to tell that it is an adjective which describes the <i>flavor</i> of the air. (Notice that Dickens makes the description even stronger by saying that the air actually had a "flavor," not just a smell.)
If you pay close attention to the rest of the sentence, context will tell you that <i>piscatory</i> must have something to do with what?
A look at a dictionary will confirm your answer. In other words, Dickens is using a vivid description to tell us that the air had a fishy "flavor."

Finding Your Own Descriptive Terms

In the paragraph by Dickens, you saw that the author used many unusual comparisons: the town hid itself like an ostrich; the beach was a desert; the air had a strong flavor. Now write some sentences of your own using imaginative descriptions and comparisons.

a.	If a town is small and quiet, what kind of animal might you compare it to? Write a sentence making this comparison.
ь.	Now write a sentence comparing a large, busy city to some other kind of animal.
c.	What strong, unusual verb could you use in a sentence telling about a fierce wind that blew up with a storm?
d.	What strong, unusual verb could you use in a sentence telling about a gentle stream flowing along?

e. Write a sentence comparing the *smell* of something cooking to the *feel* of something smooth or something rough.

f. Write a sentence comparing the *flavor* of one thing to the *sound* of something else.

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Week 6. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Here are some mushy sentences using vague, everyday words.

I thought it was a good movie.

We saw some stuff at the museum.

Did you like that program?

We went to a lot of different places.

Now look at some words which would bring more precision and clarity to each of the preceding sentences.

enjoy exhibits traveled wonderful

Rewrite each sentence using the new word you have chosen.

I thought it was a	movie.
We saw some	at the museum.
Did you	that program?
Weplaces.	to a lot of different
Now make up your own s words such as <i>go</i> or <i>nice</i> and the use more specific ones.	entences, first using general en revising each sentence to

2. Write a paragraph describing a pleasant vacation trip. Use the words that are most appropriate for the topic. Then write another paragraph describing a dangerous sea voyage that might have been undertaken by an explorer such as Christopher Columbus. Use descriptive words that are most appropriate to this topic, and see how these words differ from those used in the first paragraph.

3. Read the following passage from *The Adventures of Tom Sawyer* by Mark Twain and then answer the questions.

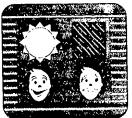
The two boys flew on and on, toward the village, speechless with horror. They glanced backward over their shoulders from time to time, apprehensively, as if they feared they might be followed. Every stump that started up in their path seemed a man and an enemy, and made them catch their breath; and as they sped by some outlying cottages that lay near the village, the barking of the aroused watchdogs seemed to give wings to their feet.

a. What three different words or phrases does Twain use to describe what the boys were doing? What makes these words much more effective than simply saying that they ran fast?

Week 6. Say Exactly What You Mean

	b. The author also uses three effective ways to tell us the boys were <i>frightened</i> . What words or phrases does use for this purpose?
•	
of	c. How does context help you determine the meaning the word apprehensively in the second sentence?
-	

Week 7



Play the Analogies Game

This week we move in a more imaginative and challenging direction by creating word analogies. What word would you add to complete the following statement?

Babe Ruth was to baseball as

Michael Jordan is to ______.

Of course you know the last word is *basketball*. Babe Ruth was a famous *baseball* player of the past, so it makes sense to complete the comparison by saying that Michael Jordan is a famous *basketball* player of the present.

This sentence is an example of an **analogy**: a statement that shows a particular relationship between two pairs of words. When you encounter an analogy, you will see that the last word is missing. This is what makes it interesting: You have to figure out what that word should be. This means that you must know the meanings of all the words

and you must also think about the way in which the words are related.

A. Analogies Based on Synonyms

Analogies can be constructed by comparing pairs of synonyms. The first two words represent one pair of synonyms; the next two words follow the same pattern and present another pair of synonyms. You have to figure out what the missing word should be.

Word A is to Synonym of A as Word B is to Synonym of B.

Here is an example of an analogy using synonyms:

Big is to large as little is to ______.

Big and large mean basically the same thing, so you must find a word that means the same as little. Logical choices for the missing word would be small or perhaps tiny.

Analogies aren't always written out as complete sentences. Here is another way the last analogy can be presented:

big : large :: little :

The colon (:) represents the words "is to" and the double colon (::) represents the word "as."

C. Analogies That Show Other Relationships

Analogies can be used to demonstrate relationships that are more involved than those we have already seen. What relationship is established by the first pair of words in each of the following examples? What word would establish the same relationship in the second pair of words?

7.	glass: smooth:: rock:
8.	glove : hand :: shoe :
9.	time : clock :: date :
10.	fish: water:: bird:

The next pattern is even more challenging than the last one.

General word A is to specific example A as General word B is to specific example B.

Here is an example of this kind of analogy:

tool : hammer :: food : _____

You can think this through by stating the problem in sentences if it will help you. "Tool is a general term, and a hammer is a specific type of tool. Food is also a general term, so the missing word in the second pair must be a specific kind of food." A great many choices could be made here: carrot, banana, bread, fish, etc.

Here are some more analogies involving general words and specific examples. What word would complete each one? (There are many possibilities in each example, as you see.)

11.	color	:red	:: flavor	:	
-----	-------	------	-----------	---	--

12. bird : robin :: dog : _____

13. animal: bear:: fish: _____

D. Using Analogies to Expand Your Vocabulary

Analogies can help you explore words that you might not ordinarily think of. For example, instead of choosing just one word to complete an analogy, try to think of a number of different words that might be used, especially when synonyms and antonyms are involved. This works especially well with verbs and with descriptive words. For example:

big: little:: slow: fast (swift, speedy, quick, rapid, hasty, brisk)

You can see that the various synonyms for fast can be very useful in certain situations. For example, it would sound odd to say "A fast wind was blowing" but it would be very clear to say "A brisk wind was blowing." Also, it would be awkward to say "They made a fast decision that they later regretted"; it would be more precise to say "They made a hasty decision that they later regretted."

Another possibility is to take the complete analogy and replace *all* the terms with more precise synonyms. For example, here is a simple analogy:

good : bad :: cold : ______

The obvious answer is *hot*, of course. Now look at the same analogy using more specific terms.

excellent : terrible :: frigid : _____

In this case you would want a word that is more precise and descriptive than the word hot. Possibilities could include sweltering, torrid, steamy, scalding, or searing.

As you work with analogies, there are two important things to keep in mind.

The second pair of words must maintain the same *relationship* that was established in the first pair. If the first two words are antonyms, for example, then you must use antonyms to complete the second pair.

You must be absolutely sure of the *meaning* of each word that you encounter in an analogy. This is why practice in using analogies can help you master and use new words.



Week 7. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Look at these five words.

occupied heroic apprehend mackerel broad

Now use one of these words to fill each of the blank spaces in the analogies given below. If you're not sure of the meaning of some of the words, consult your dictionary.

a. immense : majestic :: gallant :
b. careful : sloppy :: narrow :
c. get: receive :: catch :
d. empty : vacant :: full :
e. bird : ostrich :: fish :

After you complete each analogy, explain the principle on which it is constructed: antonyms, synonyms, general word compared with specific word, and so on.

BUILDING A STRONG VOCABULARY

2. Make up your own analogies. Try to think of examples that fit the various categories given in the chapter; don't just stick to synonyms and antonyms. Include some that name a type of object and then name a specific example (dog: collie). Also include some that name a thing and then identify what it does (saw: cut).

Week 8

Create Word Waps and Word Webs

Many people are visual learners: They grasp ideas more readily if they can see them represented in words or pictures. This week we will use word maps not only to define words but also to discover relationships among them.

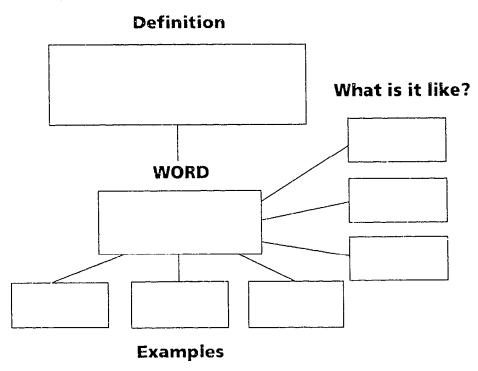
A. Word Maps

A word map is a diagram that focuses on three important things we need to know about any word:

- 1. What is it? (definition)
- 2. What is it *like*? (synonyms; descriptive terms)
- 3. What are some examples? (specific representatives)

Example 1 shows one type of diagram that can be used to make a word map.

Example 1

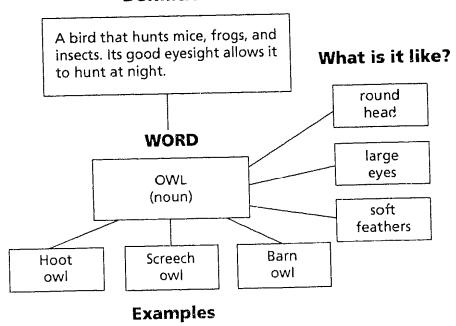


The word itself goes in the middle box marked WORD. Just above it we give a dictionary definition, and just below we give some specific examples. In the boxes on the right we can list some synonyms or some descriptive words that help clarify the term.

Let's look at a specific example based on this model. If the word *owl* is encountered in a story, most of us would have a general idea of what an owl is. However, by using a word map like the one in Example 2 we can expand and clarify our understanding of the word.

Example 2

Definition



Now we get to one of the most important benefits of word maps: They should cause us to ask questions to find out *why* the words in the boxes are important. For example:

What is the significance of the owl's round head?

What is the value of the soft feathers?

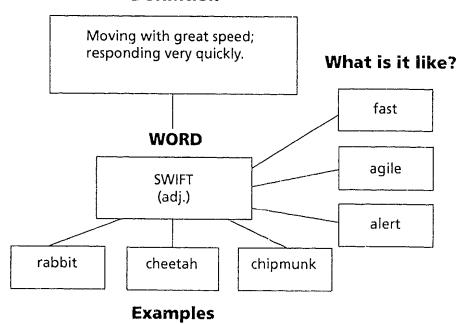
If owls hunt at night, what do they do in the daytime?

The example we just saw was concerned with a definition of the noun *owl*, but the same approach can help to clarify the meaning of words that describe rather than name things. For instance, if you encounter the adjective *swift*,

you probably know it has something to do with rapid movement. A word map like the one in Example 3 helps to expand your understanding of the word.

Example 3

Definition



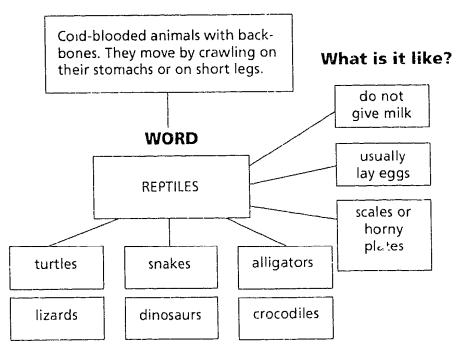
By listing other words that tell "what it is like," we become better acquainted with synonyms. Although synonyms rarely mean *exactly* the same, a combination of synonyms can help to define a word. By referring to the word *agile*, we see that *swift* describes not only the ability to move rapidly but also the ability to move easily from one direction to another. This helps us see that a tennis player must move *swiftly* (the adverb form of the adjective *swift*) even in a small area, not just when he or she is running across the court. Also, if firemen make a *swift* response to a call, it means that they are *alert* and *ready* to move right away.

Word maps can also help with words we may recognize but don't know very well. The next two examples highlight the similarities and differences between *reptiles* and *mammals*.

Example 4

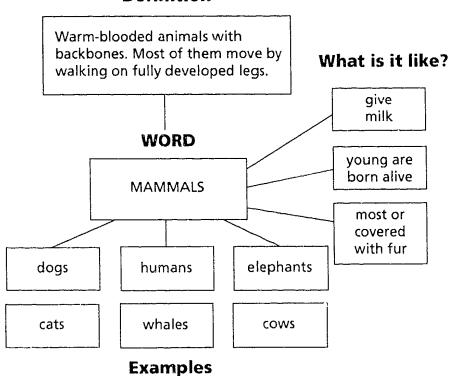
Definition

Examples



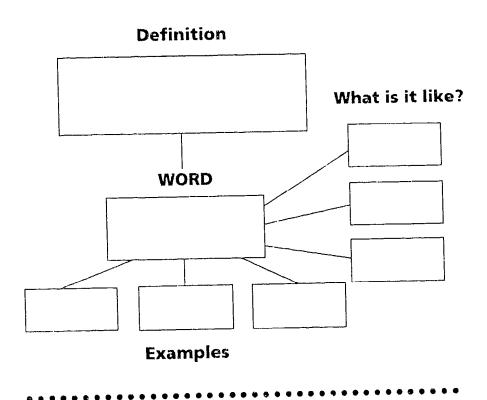
Example 5

Definition



These word maps can also help you discover why a whale is a mammal and how it differs from various kinds of fish. You will also discover that the *platypus* is one of the few mammals that lays eggs.

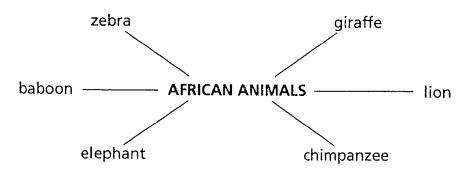
Now practice making your own word web using the following diagram as a guide. The word in the center can be a general term such as DOGS or BIRDS, or it can be some other topic that interests you.



B. Use Word Webs to Expand Vocabulary

Another device that can be used to expand vocabulary is the word web. This is a diagram that helps to organize related words whose meanings contribute to our understanding of a central term or topic. Just like a spider's web, a word web has basic strands and linking fibers. You can see this in the following example, which focuses on African unimals.

Example 6



In this example you see the strands connecting the general term *African animals* with the names of specific kinds of animals. The next step is to get more information about each of these animals. We will find out more about this in the next section.

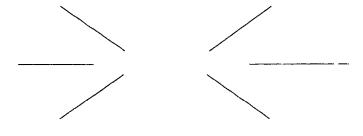
Word webs can be very effective because they help us grasp new information by relating it to things we already know. Word webs are especially valuable in subject areas such as science and social studies. As you saw in Example 6, a word web is constructed by grouping related words around a central term.

Here is the procedure to follow as you construct word webs:

- 1. Choose a word or topic of interest.
- 2. Write the word in the center of a page.
- 3. Think of other words that are related to the topic. As these words are written, they should be grouped in logical categories around the central term.
- 4. Talk about the words, focusing especially on the reasons for grouping certain words into categories.

The last step is the most important. The word web itself is only a guide, not an end in itself. It is important not only to become aware of new words but also to discover relationships among words and new meanings of familiar words. It is the follow-up discussion that makes word webs so valuable because it requires us to become actively involved in learning, not merely to fill in blanks on a worksheet.

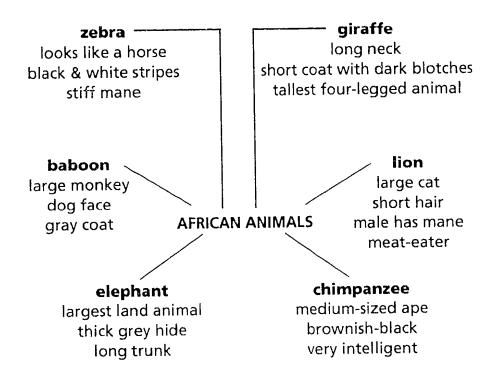
Practice making a word web using the following diagram as a guide.



C. Use Word Webs for Reading

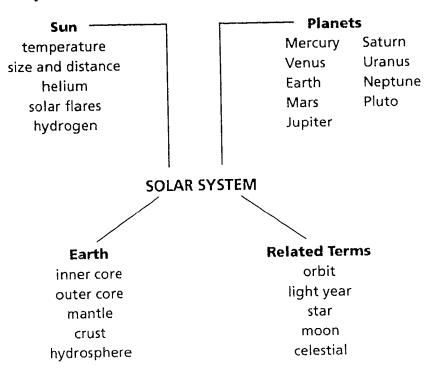
Word webs can be used *before* we read a selection to help organize our knowledge of the subject. Then, *after* the selection is read, the word web can be checked for accuracy and can be expanded to relate new information to old. For example, if you are going to read a selection about wild animals in Africa, you might begin with a simple web such as the one given earlier in Example 6. Then, after reading more about the subject, you should be able to add more details about each animal. Example 7 shows how the word web can be expanded.

Example 7



Example 8 deals with the *solar system*. Some of the words included here are appropriate for students in the early grades, while others are better suited for the later grades. Choose the words that are best for your situation.

Example 8



Word maps and word webs are valuable because they require you to work with words and definitions and to form your own conclusions. When you make the effort to understand words and to find relationships among them, you will remember much more than you would if you simply memorized words and definitions.

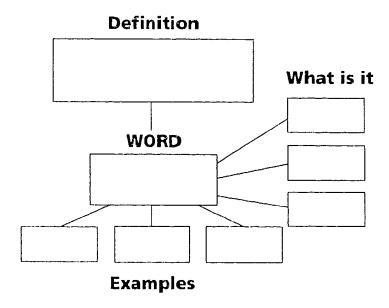


Week 8. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Look at your textbooks in subject areas such as science and social studies. Pick some important terms that are discussed in the text and then arrange a Word Map around each topic you choose. Refer to Examples 1 and 2 as models.

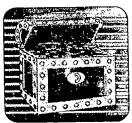
Here is the outline of a Word Map. Make more photocopies so you can use them for your own examples.



When you construct a Word Map, you will have to think about the information in the textbook and find a way to organize it so that it becomes meaningful. Consult the glossary in your textbook whenever important or unfamiliar words are encountered.

2. After you have picked some important terms and found specific examples in your Word Map, develop a Word Web like the ones given in Examples 7 and 8. Each of the specific examples should be surrounded by more detailed information that helps to explain or clarify the meaning and importance of the examples.





Search for Treasure in Dictionaries and Thesauruses

At some point in our reading we all encounter unfamiliar words that can't be figured out by using the techniques discussed earlier in this book. When we are writing, we may want a word that is more specific and precise than the one we have used. When this happens, it is time to turn to the dictionary and the thesaurus. These reference books provide a wealth of information about words, and they can add much to our quest for continued vocabulary development. They clarify and refine our understanding of word meanings, and they open up a range of possibilities for using words that are closely related in meaning.

Dictionaries

When you look at most dictionaries, you quickly see that many words have more than one meaning. Also, many

BUILDING A STRONG VOCABULARY

words can be used as more than one part of speech: noun, verb, adjective, and so on. This immediately broadens your awareness of the range of possibilities of words in the English language. Also, some dictionaries show how words originated in older languages and were gradually adapted to English. Finally, dictionaries can help you understand that words are made up of individual units and that each unit contributes to the *meaning* of the word.

The example on the next page is from a dictionary designed for students in the elementary grades. The **Guide Words** at the top show that words from *avalanche* to *away* are included on this page.

See if you can find

- multiple meanings
- pronunciation guide
- parts of speech

avalanche/away

avalanche The swift, sudden fall of a mass of snow, ice, earth, or rocks down a mountain slope. The avalanche completely covered the village with mud.

avalanche (av'a lanch') noun, plural

avalanches.

Ave. An abbreviation for Avenue used in a written address.

avenue A street. Avenues are often wider than other streets.

ave-nue (av's nū' or av's nū') noun.

plural avenues.

1. A number found by adding two egareva or more quantities together, and then dividing the sum by the number of quantities; mean. The average of 2, 4, 6, and 8 is 5.

2. The usual amount or kind. This year's rainfall came close to the average. Noun.

-1. Found by figuring an average. The average grade on the test was 81. 2. Usual; typical; ordinary. You are of average height and weight. Adjective

-1. To find the average of, I averaged my three bowling scores and got 126. 2. To have as an average. That basketball player averages twenty points a game. Verb.

average (av'or ij or av'rij) noun, plural

averages; adjective: verb, averaged,

avert 1. To turn away or aside. Avert your eyes from the glare of the sun. 2. To prevent; avoid. The driver averted a crash by steering carefully to the side of the road.

a.vert (a vůrt') verb, averted, averting. aviation The science or techniques of flying aircraft.

a.vi.a.tion (ā'vē ā'shən) noun.

aviator A person who flies an airplane or other aircraft; pilot.

a-vi-a-tor (ā'vē ā'tər) noun, plural aviators.

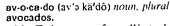
avid 1. Very eager or enthusiastic. I am an

avid fan of mystery novels. 2. Having a great desire; greedy. Some people so avid arc wealth that they commit crimes to get it. av-id (av'id)

adjective.

avocado A tropical fruit that is shaped like a pear. It has a dark green skin, a large seed.

and yellowish green avocado pulp. Avocados grow on trees,



avoid To keep away from. We took a back road to avoid the heavy highway traffic. a void (a void') verb, avoided, avoiding.

await 1. To wait for. The parents had long awaited the day of their children's gradua-tion from college. 2. To be ready for; be in store for. Many changes await you in your new school.

a-wait (a wait') verb, awaited, awaiting.

awake To wake up. The barking of the dog awoke everyone in the house. 1 eth.
1. Not asleep. We were awake most of the night because of the noise outside.
2. Alert; aware. Are you awake to the risks in the plan? Adjective.

a wake (a wak') verb, awoke or awaked, awaking; adjective.

awaken To wake up. I awakened at dawn. a.wak.en (a wā'kan) verb, awakened, awakening.

award 1. To give after careful thought. The judges awarded my dog first prize at the dog 2. To give because of a legal decision. The jury awarded money to the people who had been injured in the accident. Verb. -Something that is given after careful thought. My cousin received the award for writing the best essay. Noun.
a-ward (a word') verb, awarded,

awarding; noun, plural awards.

aware Knowing or realizing: conscious. We were not aware that you were planning a party for us.

a-ware (a war') adjective.

away 1. From this or that place. The frightened rabbit hopped away. 2. At a distance. They stood far away from us. 3. In another direction; aside. I turned away to hide my tears. 4. From or out of one's possession or use. Throw away that old coat. 5. At or to an end; out of existence. sound of footsteps faded away. 6. Without interruption; continuously. I worked away at

my typewriter for two hours. Adverh.

1. Distant. The town is 3 miles away.

2. Absent; gone. My cousin has been away for three weeks. Adjective.

B.way (> wa') adverb; adjective.

at; ápe; fär; câre; end; mê; lt; ice; pîerce; hot; ôld, sông, fôrk; oil; out: up; ûse; rûle; pûll, tûrn, chin; sing, shop; thin; this, hw in white; zh in treasure. The symbol a stands for the unstressed vowel sound in about, taken, pencil, lemon, and circus.

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Macmillan School Dictionary 1. New York: Macmillan Publishing Co., 1990

Each Main Entry is given in boldface. The first main entry, avalanche, is followed by a Definition and an Example Sentence. Next, the syllable division of the word is shown, followed by its pronunciation (in parentheses) and then the indication that it is a noun whose plural form is avalanches. A Pronunciation Guide or Pronunciation Key is given at the bottom of the page. By matching the symbols in this guide to the ones used in the word you are looking at, you can determine the correct pronunciation.

Also notice that some words can be used as several different parts of speech and can have more than one meaning. For example, *average* has two meanings when used as a noun, two when used as an adjective, and two more when used as a verb.

or more quantities together, and then dividing the sum by the number of quantities; mean. The average of 2, 4, 6, and 8 is 5.

2. The usual amount or kind. This year's rainfall came close to the average. Noun.

—1. Found by figuring an average. The average grade on the test was 81.

2. Usual; typical; ordinary. You are of average height and weight. Adjective.

-1. To find the average of. I averaged my three bowling scores and got 126. 2. To have as an average. That basketball player averages twenty points a game. Verb.

average (av'or ij or av'rij) noun, plural averages; adjective; verb, averaged, averaging.

Macmillan School Dictionary 1. New York: Macmillan Publishing Co., 1990

•	g questions.
vvr	nat definition is given for aviator?
W	nat synonym is given for this word?
W	nat part of speech is the word aviator?
av ta	ompare the word aviation with the word iator. Both are nouns. What is the impoint distinction in the meaning of these ords?

Now look at the word <i>away</i> and answer the following questions.						
How many definitions are given for away as an adverb?						
How many definitions are given for away as an adjective?						
Does the pronunciation change when the word is used as different parts of speech?						
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9						
The example on the next page is from a dictionary designed for high-school students. The guide words show that this page covers words from <i>complex</i> through <i>composite</i> .						
This dictionary gives more information. Can you find references to the language roots of some words?						

Language

Word

Week 9. Search for Treasure in Dictionaries and Thesauruses

complex / composite

com-plex (ud) kom picks' kom'picks, n. kom'picks) adj.

1 difficult to understand, analyze, or execute, intricate, complicated a complex theory, a complex problem. 2, consisting of a combination of related elements or parts. complex machinery 3 in biochemistry) arising from the combination of simpler substances. a complex protein. n. 1, a whole made up of a combination of related parts. The new industrial complex consists of ten manufacturing companies. 2. Psychiatry: a group of related ideas, emotions, memories, or desires that have been partially of totally repressed, but can influence a person's thoughts and actions to an abnormal degree. 3. Informal an excessive or unreasonable concern or fear, obsession to have a complex about being late. 4. Chemistr: coordination compound. [Latin complexus entwined around, hence, complicated, past participle of complect to imbrace, entwine around.]—complex'ly, adv.—complex'ness. n.

Synonyms

Complex, complicated, and intricate mean having many parts that are not easily distinguished from one another of whose relationship is not easily understood Complex is used especially in scientific and techniunderstood Complex is used especially in scientification calcontents and suggests that careful examination or study is necessary to determine detail and relationship a complex secul system Complicated is self-togue structure, a complex social system Complicated self-togues translation, and less technical and stresses the difficulty of understanding or use. Many students were confused by the complicated registration process. Intricate suggests elaborate small detail, difficult to trace one's way through an intricate geometric particle.

difficult to trace one's way through an intricate geometric particle.

complex fraction, any fraction with a common fraction, mixed number, or algebraic expression in the numerator, in the denominator, or in both The fractions' 2.24 and 24.12% are complex tractions. Also, compound fraction.

complex-ion (kam plek'shan) n. 1, the natural color, texture, and general appearance of the skin, esp of the face. 2, a general appearance of the skin, esp of the face. 2, a general area complex unto not her case. [Old French complex ion appearance, nature, from Late Latin complexitô physical constitution, temperament, from Latin complexitor, and interest complexitor, and interest complexitor, and interest complexitor, and the latin complexitor complexitor complexitor complexitor, and from the latin complexitor complexi

see obsolient.

com-pli-cate (kom/pli kāt') v.r., -cat-ied, -cat-ing to make diliecult to understand, analyze, or do, make complex [Latin complicates, past participle of complicare to fold together, from com-with, together + plicare to fold com-pli-cat-ed (kom/pli kā'di) adj difficult to understand, analyze, or do, intricate — com/pli-cat'ed-vly, ads —-com/pli-cat'ed-ness, n. For Synonyms, see complex com-pli-cat-iton (kom'pli kā'ds)nn n. 1, the act or process of complexing 2 a compleated state or condition, complexity 3, something that compleated state or condition, 4 a secondary disease or condition that occurs with and aggravates the primary disease com-plic-ity (kam plis'(16) n. the state of being an accomplice cap in wrongdoing complicity in froad. [French complicite conspiracy, participation, going back to Latin complex confederate participant.]

spiracy, participation, going back to Latin complex confederate, participant.)

compliment (n. kom'pla mant, s. kom'pla mant') n. 1. an expression of admiration or praise, flattering comment to receive compliments on one cooking. 2. compliments an expression of tegard, greeting, or good wishes. Extend my compliments to your tainst. The despert came with the compliments of the management of 1. to pay a compliment to 2. to present (someone) with something as a mark of courtesy. [French compliment commendation, through Italian and Spanish, going back to Latin complementum that which completes. Doublet of compliments of compliments of the nature of a compliment. 2 given without charge, free a complimentary ticket to a game.—com'pli-mon', the riely, adv.—com'plimen' ta-ti-ness. n.

com-plin (kom/plin) also com-pline (kom/plin, -plin) n the last of the seven canonical hours or the service for it [Old French complie this hour, from Late Latin completa 'hōrar literalls, com

into other seven canonical nours of the service for it (Old French complete this hour, from Late Latin complete) (hour) (because it completed the hours of the service), ferning of Latin complete (somplete) (so

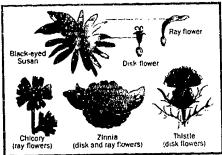
com-port-ment (kem port/ment) n the manner of comporting oneself, behavior, conduct

oneself, behavior, conduct composed, pos-ing. vt 1, to be the parts of; make up; constitute. Twehe purus compose a part. The fahrie was composed of synthetic fibers. 2, to make or form from parts or elements, fashion. The debater composed the argument from four logical statements. 3, to create fa musical or literary work! 4, to make tranquil or quiet, calm. It was hard to compose myself after such a shock. 5, to arrange artistically, as the elements in a mainting. 8. Printing a 1 to 5 there for miself after such a shock. 5, to arrange artistically, as the elements in a painting 6. Printing a, to set (type). It is set the type for The printer compused the page 1 to create an artistic work, esp a piece of music to compose for the piano [French composer to make up, form, fashion, alteration (influenced by French power to place, put) of Latin componer to put together, arrange] composed (kom pôrd') adj having or showing control of one's emotions, calm, tranquil —composed-ly (kom pôr/nd lê), adv —composed-some-

com-pos-er (kam po/zar) n a person who composes some-

thing, esp music, composing stick, a small adjustable tray used by compositors

to gather and assemble type



composite flowers

com-pos-ite (kom poz'n) adj 1. made up of various parts or elements. 2. belonging to the family Compositue, one of the largest and most highly evolved groups of flowering plants. Composite plants bear dense flower heads composed of many tiny disk flowers, ray flowers, or both Dastes and chrysanthemums are composite flowers. n. 1. something that is composed of sart outs parts or elements. 2. a composite plant. 3. composite photograph. [Latin compositus past participle of composite to put together, arrange. Doublet of composit.]—com-pos'ite-iy, ads.

a ape e a far i arcate i	me ō it ô ice ol	old ii fork ii oll ii	use n rule ti puli ti	g song	about taken pencil lemon circus

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Macmillan School Dictionary 3. New York: Macmillan/McGraw Hill, 1993.

Here you can see some of the most prominent features found in dictionaries specifically designed for the upper grades. For example, the first entry for the word complex has three definitions as an adjective and four definitions as a noun. Also notice the etymology given in brackets, which shows how the word entered English from other languages. In this case, the English word complex originated in the Latin complexus, meaning "entwined around." At the end of the definition you see that the adverb form is complexly and that the adjective can be changed to the noun complexness. (Notice that another noun form, complexity, is given as a separate entry.) After the definitions, a separate section is devoted to a discussion of the slight differences in meaning of the synonyms complex, complicated, and intricate. In many dictionaries, synonyms and antonyms are often given to clarify and elaborate on the meaning of certain words.

Now look at some of the other entries and answer the following questions.

T and one	he word <i>complexion</i> has two meanings, one specific more general. Write each meaning below.
sp	pecific:
g	eneral:
taken i	at the end of the entry you see that complexion was not English from Old French, but the French word was taken from a word in an even earlier language. In anguage did complexion originate, and what was its ng?
than t meani	As you see, the original meanings were much broader he ones we use today. Many words have changed ing over the centuries, some becoming broader, others
more	specific.

BUILDING A STRONG VOCABULARY

Look	at the entry for the word complicate.
In wh	at language did the word originate?
What	was the original meaning of the word?
• • • •	•••••••••
Look a	at the entry for the word <i>compliment</i> .
How r	many definitions are given for the noun
11000	nany demindons are given for the noun
	many definitions are given for the noun

ر أن له

Look at the entry for the word compose.

How many definitions are given for compose as a transitive verb (v.t.)?

How is it possible for the same word to be used in

How is it possible for the same word to be used in sentences that talk about the makeup of a jury, the organization of a debate, the creation of a musical work, and the process of setting type on a page? You may be able to get a clue if you look at the etymology of the word *compose*. Give the meanings for the word in the two languages that are cited as sources.

French:			
Latin:			

Now you see that all the definitions of *compose*, as it is used in English, have something to do with putting things together and arranging them. All these various shades of meaning can be traced back to the Latin original. This will not be true of every word you look up, but often you find that some part of the original meaning of a word is still present in the word today.

In the entry for *composite* you find several definitions of the word as an adjective as well as a noun. There is also an illustration to supplement the specific term *composite plant*, which was given as the second noun form of the word. At this level, dictionaries usually give illustrations only when a particular entry can be clarified by a picture.

Finally, there is one other detail worth noticing on this page. Every word begins with the first syllable *com*-, which originated in a Latin word meaning "together" or "with." You can see that all the words on this page have something to do with joining one thing *with* another thing (or with several things). This knowledge not only helps you spell each word correctly; it also helps you understand the meaning more fully.

com-pos-ite (kem poz'it) adj. 1. made up of various parts or elements. 2. belonging to the family Compositae, one of the largest and most highly evolved groups of flowering plants. Composite plants bear dense flower heads composed of many tiny disk flowers, ray flowers, or both. Daisies and chrysanthemums are composite flowers. —n. 1. something that is composed of various parts or elements. 2. a composite plant. 3. composite photograph. [Latin compositus, past participle of componer to put together, arrange. Doublet of COMPOST.] —com-pos'ite-ly, adv.

Macmillan School Dictionary 3. New York: Macmillan/McGraw Hill, 1993.

Thesauruses

The word thesaurus originated in the Greek language and was later taken into Latin before entering English. (The Latin form of the plural is thesauri; the English plural is thesauruses.) A thesaurus was originally a treasure or a storehouse, and this gives us a good idea of what the word means today: a storehouse of words that are matched with synonyms and antonyms.

A thesaurus can help you avoid the overuse of certain words such as *nice* or *fun* or *go*, and it can help you find a word that may be more precise than the one you used in the first place. For example, we often say that something is *funny*, but it is much more interesting to use a precise word such as *amusing*, *humorous*, *witty*, *comical*, *hilarious*, or *ridiculous*. Each word is ideally suited to fit a particular situation.

Two basic designs are used in thesauruses today. You may find either type for younger or older students, but those we have looked at usually follow one plan for the early grades and another for the upper grades.

Groupings under Main Entries

Thesauruses for younger students often contain a limited number of main entries which are usually important words that are very general and are frequently used. These are often familiar verbs such as *ask*, *go*, and *look* or adjectives such as *bad* and *good* or *fast* and *slow*.

After each main entry, many thesauruses provide a definition and example sentences showing how that word is

. 1

used. Then there are several synonyms, each with its own definition and example sentences. Here is the beginning of the information for the word *break* in a thesaurus for the early grades:

break

Break means suddenly come apart or force something to come apart. Some dishes break if you drop them. A cook breaks an egg to open it

crack

Crack means to break, but not into pieces. A stone may crack a window, but the glass will stay in one piece. A piece of wood can crack without falling apart. Be careful not to crack a plate.

shatter smash Shatter means to break into many small pieces. Smash means break by force, too, but not always into pieces. A driver who hits a tree might shatter or smash the windshield. The driver might smash a fender, but he or she would not shatter it.

From Roget's Children's Thesaurus. New York: HarperCollins, 1991, p. 40.

Several more synonyms such as *crush*, *split*, and *fracture* are listed as well.

If you want synonyms for *smash* or *shatter*, you simply look for these words in their normal places in the alphabetical listing. In each case you will find a message directing you to look under the main entry, *break*. In some thesauruses, all words are listed in alphabetical order in the book itself. In others, you may have to look for *smash* or *shatter* in an index at the back of the book; there you will be told to look for the main entry.

The idea here is that certain words such as *break* or *go* or *big* are used very often because their meanings are very general. By organizing main entries around such words, these thesauruses show you that there can be several other possibilities that mean almost the same but may be more precise or colorful. Often you will find some antonyms at the end of the listing as well.

All Entries in Alphabetical Order

In many thesauruses designed for older students, all words are treated as equally important and are listed in alphabetical order. Each main entry is usually followed by a brief definition and sometimes a phrase or sentence showing how the word is used. Then several synonyms are listed, and the entry may end with a few antonyms as well. For example, if you look at the entry for *laugh*, you may find something like the following:

haw, snicker

laugh vb to show mirth, joy, or scorn with a smile and a usually explosive sound <laughed at all the funny things that happened>
syn chortle, chuckle, giggle, guffaw, hee-

From *Merriam-Webster's Collegiate Thesaurus*. Springfield, Mass.: Merriam-Webster, Incorporated, 1988, p. 441.

If you look at the entries for *chortle* or *chuckle*, you will usually find that the complete entry for *laugh* is repeated. Also, the information may show that **laugh** is the main term but that other words such as *giggle* and *guffaw* are also possible. This means that you can find all the information you need under any word you look up; you don't have to turn back to the main entry.

Each type of thesaurus has its merits; you can choose the one you like best. In any case, a thesaurus can be a valuable tool that makes you aware of the wide range of possibilities as you strive for more precise or colorful words to use in your own writing.

1 2 4



Week 9. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Look at the introduction to your dictionary and read the information explaining how to use the book. Make sure you understand how the page is set up and how information is presented. Get a feel for all the information that may help you later. For example, is there a pronunciation key? How will that help you? Is there an illustration that clarifies a certain word? Are there different entries for a single word that may be used as more than one part of speech?

As you look through the introduction to your dictionary, check off the features that you find. Not all of these features may be present in every dictionary.

Guide Words	
Main Entries	
Syllable Division	

BUILDING A STRONG VOCABULARY

Pronunciation
Parts of Speech
Definitions
Etymology
Synonyms
Pronunciation Key
2. Look up the word <i>ground</i> in your dictionary. There hould be several definitions, and some of them should pecify the word <i>grounds</i> as well. Read the following senences and then write the definition of <i>grounds</i> that fits in each case.
The building was surrounded by beautiful grounds.
Definition:
What <i>grounds</i> do you have for believing their story?
Definition:

Week 9. Search for Treasure in Dictionaries and Thesauruses

Who threw the coffee grounds in the sink?
'Definition:
3. See if your dictionary includes synonyms or ant- onyms as part of the definitions for some words, especially adjectives and verbs. Do you find some synonyms or ant- onyms that are unfamiliar? If so, look them up.
You might begin by looking for synonyms and ant- onyms for the following words. Then look for others that interest you.
fast:
easy:
fly (verb):
climb:

4. Notice that some words can be used in phrases called *idioms*. These are expressions which have meanings that apply in specific situations or that have unusual characteristics.

Verbs and nouns are often used in idioms. For example, a familiar word such as *wash* can be used in idioms such as "to come out in the wash" or "to wash out" or "to wash your hands of something."

Look in your dictionary and see if it includes any idioms for the following words. Write each idiom and its definition.

close: to close in
to close out
drop: to drop off
fill:

5. Think of some everyday words that you use very often: nice, fun, go, do, and so on. Look in your thesaurus to find synonyms that are more precise than these general words. Use each synonym in a sentence that suits its particular meaning. If definitions or example sentences are not provided in your thesaurus, look up the words in your dictionary to find enough information to make each meaning clear. Which words will you try to use to replace some of these common words?

Common Words	Replacements



Learn More about Word Structure

Roots and Affixes

Today's English contains thousands of words that originated in other languages. In fact, most of the words we use today have been borrowed from other languages, especially Latin, Greek, and French.

Although some complete words have been borrowed from these languages, many more English words are built on *roots* taken from Latin and Greek in particular.

A **root** is a part of an English word that has been borrowed from a word in another language. Each root retains the meaning of the original word, but a root is not a complete word in itself. It must be combined with affixes or other roots in order to make sense in the English language.

This week we will look at a few of the many English words that are built on Latin and Greek roots. Also remember that in Week 9 we mentioned the term *etymology*, the study of the history of words as they have entered English from other languages over the centuries. In dictionaries designed for high-school and college students, you will often find information about the etymology of many words, showing how they originated in Greek or Latin or other languages. Take advantage of this information in your dictionary; it will be most helpful as you look at the words on the following pages.

A. English Words Built on Latin Roots

An enormous number of English words can be traced back to the Latin language, which was originally spoken throughout the Roman Empire more than 2000 years ago. Here are some of these Latin words and their original meanings, followed by English words built on each of the Latin roots.

Latin Verbs

capere, cept- (to take, seize): capture, accept

dicere (to speak): dictate

ducere (to lead): conduct

facere (to make or do): factory

migrare (to move from one place to another): migrate

Week 10. Learn More about Word Structure

mittere, miss- (to send): transmit, mission

portare (to carry): transport

scribere, script- (to write): describe, subscription

spectare (to watch): spectator

Latin Nouns

caput (head): captain

equus (horse): equestrian

manus (hand): manual

mare (the sea): marine

navis (ship): navigate

pes, ped- (foot): pedal

terra (the earth): territory

Latin Adjectives

bene (good): benefit

brevis (small, short): brevity

magnus (large): magnitude

mal (bad): malady

tardus (slow): retard

Word Structure

In earlier weeks we saw that affixes could be added to base words that had clear meanings in English: fair and unfair or hope and hopeful, for example. This week we see that affixes can be added to word roots taken from other languages. For example, the word accept is made up of the prefix ac- and the root -cept, which is taken from the Latin verb capere meaning "to take or seize." Neither the prefix ac- nor the root -cept has any meaning in the English language if it is viewed by itself. However, both word parts did have meaning in Latin. Most importantly, when they are joined they form the word accept, which does have meaning in English: "to approve of something or receive it willingly." Now you see how the principles of word structure introduced in Weeks 2 and 3 can be applied to affixes and roots taken from ancient languages and adapted to today's English.

Here are a few English words that are built on Latin roots:

captive portable beneficial inspect pedestal

Next you see some Latin roots and meanings. After you look at each root, refer to the five words given above and write the English word that is derived from the Latin root.

bene (good):	
capere (to seize, take):	
pes, ped- (foot):	
portare (to carry):	
spectare (to watch):	

B. English Words Built on Greek Roots

The Greek language is even older than Latin. In fact, many Latin words were borrowed from Greek. Greek words also play important roles in the formation of many English words. These Greek words are especially valuable because their meaning usually remains constant: We often have a good idea of the meaning of an English word if we know the meaning of its Greek components.

BUILDING A STRONG VOCABULARY

Here are some Greek words that are important in the formation of English words. With a partner see how many words you can think of based on these Greek roots.

astr- (aster, astron, star): astronomy

auto- (autos, same, self): autobiography

bio- (bios, life): biology

circ- (kirkos, circle or ring): circular

 $geo-(g\bar{e}$, the earth): **geo**graphy

graph- (graphein, to write): graphic

hydro- (hydor, water): hydroelectric

metr- (metron, measure): metric

micro- (mikros, small): microscope

naut- (nautēs, sailor): nautical

phon- (phone, sound): telephone

photo- (phos, light): photograph

tech- (techné, craft or skill): technical

tele- (tēle, far off): telegraph

therm- (therme, heat): thermometer

Word Structure

The word thermometer shows how two Greek word parts can be combined to form a word we use in English today. As you saw in the preceding list, the Greek word therme meant "heat" and the Greek word metron meant "measure." When they are combined, they form the word thermometer, which of course did not exist in the original Greek language but is used today to name a device that measures heat.

Here are a few English words that are built on Greek roots:

circulate technology microphone photocopy astronaut

Next you see some Greek roots and meanings. After you look at each root, look back at the five words given above and write the English word that is derived from the Greek root.

astr- (aster, astron, star):	
circ- (kirkos, circle or ring):	

photo- (ph	nōs, light):		

The Greek Suffix -logy

A most important Greek word is *logos*, which originally meant "word, thought, reason." This Greek word forms a part of English words such as *dialogue* and *logic* and *apologize*. It is also the source of the suffix *-logy*, which means "the study of a subject or the body of knowled" bout that subject." This suffix is found in many words that name various branches of science such as *biology*, *zoology*, *paleontology*, and *psychology*.

Also notice that the suffix -logy identifies specific areas of study, while the suffix -ist identifies the person who studies a certain subject:

A biologist studies biology.

A zoologist studies zoology.

A paleontologist studies paleontology.

A psychologist studies psychology.

A Word of Caution

Whenever we look at English words built on Latin and Greek roots, we often find that knowledge of the meanings of these roots can help us understand the meanings of English words. For example, when we looked at the Latin word facere we could see that its meaning was clear in the word factory (a place in which we make things), and the meaning of spectare was clear in the word spectator (someone who watches something).

However, even though Latin and Greek words are important in English, we should not always expect to find a clear connection between the original word and its modern counterpart. Often this is because the meanings of some English words have changed over the centuries, sometimes becoming broader than the original word and sometimes becoming narrower. However, even when the meaning of a particular Greek or Latin word is not immediately apparent, it helps to be aware that it is part of an English word. This is especially valuable when we analyze word structure and search for ways to understand the spellings of difficult words.



Week 10. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. Listed below are some English words that have developed from Latin or Greek. In your dictionary, find the language in which each word originated. Also notice what the word originally meant, if such information is provided. The first example is given.

Language Original Meaning

accident	Latin	chance, happening, going back to
contain		
cosmic		
exercise		
galaxy		
metaphor		

Language Original Meaning

2. As you encounter new words and look for information in your dictionary, notice the etymology of each word (if this information is provided). How does an understanding of the original form of the word help you understand it more fully? Is the original meaning of the word still relevant to today's word, or has the meaning changed over the centuries? Does the word have a more *specific* meaning today, or has it become more *general*. Use the following outline to guide you.

Word: ______
Original meaning: ______

Today's meaning: _____

How has it changed? ______



Discover Latin and Greek Word Families

As we saw last week, Latin and Greek roots must be combined with other word parts in order to create words that have meaning in the English language. In many cases, these roots are combined with prefixes and suffixes to create English words. We will begin by looking at some of the most important Latin prefixes that have been combined with roots to form complete words.

A. Some Important Latin Prefixes

In earlier weeks we saw that certain affixes are encountered over and over in English words. In addition to familiar prefixes such as *un*- and *dis*, we also find a number of Latin words that are often used as prefixes.

Two of the most important Latin words are in (meaning "in, into") and ex (meaning "out of, away from"). These

words are prepositions in their own right, but they are also often used as prefixes. When this happens, they are sometimes *absorbed* into the following roots to make pronunciation easier. This means that the spelling of the prefix *in*-changes to *im*- and the spelling of *ex*- changes to *e*- before certain consonants.

in-: include, ingest, insert, involve im-: import, immerse, implant, immigrate

ex-: **ex**port, **ex**hale, **ex**clude e-: **e**migrate, **e**lude, **e**ject

The Latin prepositions *ad* (to, toward) and *cum* (with, together) are used as prefixes as well. These are also absorbed prefixes with a variety of spellings.

ad (ac-, af-, ap-, as-, at-)

advance, admit, admire, adjust accomplish, account, acquire, accommodate afford, affect, affirm, afflict appear, appoint, apply, approach assume, ascend, assemble, assign attain, attend, attract, attempt

cum (com-, col-, con-)

combine, commit, complex, compute collect, collapse, collaborate, collide connect, conserve, consider, consist

Several other Latin prepositions are also used as prefixes. Most of these words are not absorbed into the

following root and their spellings remain unchanged. The only exception in the following list is *sub*-, which changes to *sup*- before roots beginning with the letter *p*. (The Latin word *prae* is consistently spelled *pre*- when it is used as a prefix in English words.)

- extra (outside, beyond): extraordinary, extracurricular, extravagant, extrasensory
- inter (between, among): interfere, intercept, interior, internal, international, intervene
- post (after): postpone, posterior, posterity,
 postmortem
- prae, pre- (before, in front of): prefix, premature, preview, prefer, prepare, precede
- sub, sup- (under, beneath): submarine, subdue, subject, subvert, substitute, subordinate, subdivide, supply, support, supplement
- super (above): superior, supervise, superlative, supersonic
- trans (across, over): transport, transact, transform, transmit, translate, transplant

Here are a few words that involve the prefixes you just saw. Give the definition for each word and explain how the prefix affects the meaning. Use your dictionary whenever you need to. The first example is already given.

extradite: to send someone beyond the boundaries of one state to face prosecution in another state.

submerge:	
inhale:	
transfer:	
intersect:	

. 1 .

B. Word Families Built on Latin Roots

Here are some of the Latin words included in the list given last week. Each word provides the root for a family of related words. Notice that each root is combined with prefixes or suffixes or sometimes both.

Roots from Latin Verbs

cap-, cept- (capere, to take, seize): capture, captive, capable, capacity, accept, except, perception, intercept, reception

dic- (dicere, to say, speak): dictate, dictator, predict, contradict, edict, diction

duc- (ducere, to lead): conduct, induct, product, product, production

fac- (facere, to make or do): factory, factor, manufacture, benefactor, facile, facility, facsimile

migr- (migrare, to move from one place to another): migrate, immigrate, emigrate, immigration, migratory

mit-, miss- (mittere, to send): transmit, permit, admit, commit, emit, mission, dismiss, comission, transmission

port- (portare, to carry): transport, import, export, portable, deport, opportunity, support, report

BUILDING A STRONG VOCABULARY

scrib-, script- (scribere, to write): scribe, scribble, describe, prescribe, subscribe, transcribe, script, description, prescription, subscription

Here are a few words built on the roots you just saw. Give the meaning for each word and explain how the root contributes to the meaning. Use your dictionary whenever you need to.

captivate:
conductor:
migration:
omission:

Week 11. Discover Latin and Greek Word Families

Roots from Latin Nouns
capit-, capt- (caput, head): capital, decapitate, captain
manu- (manus, hand): manual, manufacturer, manuscript
mar- (mare, the sea): marine, maritime, submarine
nav- (navis, ship): navy, naval, navigate, navigator
ped- (pes, foot; pl. pedis): ped al, ped estrian, ped estal
terr- (terra, earth): terrace, territory, terrestrial, extraterrestrial
Here are a few words built on the roots you just saw. Give the meaning for each word and explain how the root contributes to the meaning. Use your dictionary whenever you need to.

terrain:

caption:

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mariner:			
pedicure:			

Roots from Latin Adjectives

bene (good): benefit, beneficial, beneficiary, benevolent

brevis (small, short): brevity, abbreviate, brief

magnus (large): magnitude, magnanimous, magnificence

mal (bad): malady, malice, malevolent, malignant

tardus (slow): retard, tardy

Here are a few words built on the roots you just saw. Give the meaning for each word and explain how the root contributes to the meaning. Use your dictionary whenever you need to.
beneficent:
malicious:
retardation:
abbreviation:

C. Number Words Built on Latin Roots

Many English words that have to do with numbers are based on Latin words. Here are some of the most familiar prefixes that denote number, followed by the complete Latin word and several other words that are related.

uni- (L unum, one): unit, union, universe, unify, uniform

bi- (L *bini*, two): bicycle, binary, biannual, biceps, bifocals

tri- (L tres, three): triangle, tricycle, triple, triathlon, triceratops, trilateral

quad-, quar- (L quattuor, four): quadrangle, quadruplets, quadrant, quart, quarter, quartet

quin- (L quinque, five): quintet, quintuplets, quintile

sex- (L sex, six): sextet, sextuplets, sextant

sept- (L septem, seven): September, septet, septuagenarian

oct- (L octo, eight): October, octet, octagon, octopus, octogenarian, octosyllable

nov- (L novem, nine): November

dec- (L decem, ten): December, decade, decathlon, decennial

cent- (L centum, hundred): cent, century, centennial, centigrade,

Originally, the Roman calendar contained only ten months, so September, October, November, and December were in fact the seventh, eighth, ninth, and tenth months of the year. When the twelve-month calendar was introduced, the original names were retained although the location of these four months changed.

Here are some words built on the roots you just saw. Give the definition for each word and show how the root affects the meaning.
bicentennial:
unity:
triplicate:
quadruped:
centimeter:

D. Word Families Built on Greek Roots

The following word families are built on Greek roots that were introduced last week. With a partner see if you can think of other words that build on these roots.

astr- (aster, astron, star): astronomy, astronaut, asteroid, astronomical, astrophysics

auto- (autos, same, self): autobiography, automatic, automobile, autocratic, autonomous

bio- (bios, life): biology, biography, biophysics, biosphere, biochemistry, biodegradable

circ- (kirkos, circle or ring): circle, circular, circulate, encircle

geo- (gē the earth): **geo**graphy, **geo**logy, **geo**logic, **geo**metry, **geo**physics, **geo**chemistry

graph- (graphein, to write): graph, graphic, graphite, biography, autobiography

hydro- (from hydor, water): hydroelectric, hydraulic, hydrology, hydroplane, hydrogen

metr-, meter (metron, measure), meter, metric. speedometer, altimeter, chronometer, kilometer.

micro- (mikros, small): microscope, microphone, micrometer, microcomputer, microdot, microsurgery, microbe

naut- (nautēs, sailor): astronaut, cosmonaut, nautical

phon- (phonē, sound): phonics, phonetic, phonograph, microphone, homophone, telephone

photo- (phōs, light): photograph, photoelectric, photocopy, photojournalism, telephoto

tech- (technē, craft or skill): **tech**nical, **tech**nique, **tech**nology

tele- (tele, far off): telephone, television, telegraph, telescope, telecommunication

therm- (therme, heat): thermometer, thermal, thermonuclear, thermodynamics, hypothermia

Some words appear more than once because they combine two of the roots included in this list. For example, the word biography combines bio- (life) with graph- (write): a biography is a book written about someone's life. Also remember that the suffix -logy comes from the Greek word logos and refers to the study of a subject or the body of knowledge about a subject (as in biology and geology).

Here are some words involving the Greek roots you
just saw. Give the definition for each word and explain how
the root affects the meaning. Use your dictionary whenever
you need to.

circuit:	
astrology:	
photochemical:	
thermography:	
phonology:	

Place words that you want to remember in your vocabulary notebook.

E. Words in Modern Science and Technology

You have seen that Latin and Greek roots provide the basis for an enormous number of words we use every day in the English language. There is one particular area in which these roots are especially important: the world of modern technology.

Here are some familiar technical words built on Greek roots. Most of the roots were given earlier; a few others are explained as they appear. Notice how the basis for the modern scientific meaning of these words is often found in their roots.

astronaut: literally, a "star-sailor"; someone who sails (-naut) among the stars (astro-).

cryosurgery: a type of surgery in which the tissue to be operated on is first made very cold (cryo). In fact, the words surgeon and surgery originated in the Greek words cheir ergon, which meant "to work or do something by hand."

cyclone: a storm in which winds rotate in a circle (cyclo-).

geometry: literally, measuring (*metr-*) the earth (*geo-*).

helicopter: a machine whose propeller blades move in a spiral. The Greek word heliko meant "spiral" and pteron meant "wing." A "heliko pteron" is a "spiral-winged" machine.

- microscope: an instrument used to look at (-scope) things that are very small (micro-).
- technology: the body of knowledge (-logy) about the craft or skill needed to do things (techno-).
- telegraph: an instrument that allows you to send writing (-graph) over a long distance to people far away (tele-).
- **telephone**: an instrument used to carry sound (*-phone*) over long distances to people far away (*tele-*).
- **telescope:** an instrument used to look at (-scope) things that are far away (tele-).

Words That Combine Latin and Greek

The following words combine Greek and Latin roots. Some of the Latin words that have not been discussed earlier will be explained as they appear.

- automobile: a machine that is able to move (-mobile) by itself (auto-). The word mobile originated in the Latin mobilis, which is a form of the verb movere meaning "to move."
- microcomputer: a small (micro-) machine that is able to make calculations (-computer) very quickly. The Latin verb computare means "to count or make calculations; to consider."

Week 11. Discover Latin and Greek Word Families

television: a device that allows you to see (-vision) pictures that originate far away (tele-). The word vision is a form of the Latin verb videre, which meant "to see."

telemetry:			
photosensitive 	:		
microelectrod			

F. Conclusion

As you have probably noticed, the search for Latin and Greek roots in English words can be almost endless. This week we have focused on roots that clearly contribute to the meaning of words we use today. Other English words are built on roots whose significance is less obvious because spellings and meanings have changed as English combined words from different sources over the centuries. In any case, an awareness of the role of word roots can contribute much to our understanding of word structure as well as to meaning.

Let's end by looking at a large family of words built on roots from the Latin verb *spectare*, which means "to watch, observe, look at." As you see, the spelling of the root varies slightly from *spec-* and *spect-* to *spic-*. This is because Latin verbs are themselves very complicated and exist in a number of forms to show different tenses (present, past, future) and voices (active or passive, for example).

Prefix/Root	Root/Suffix	Prefix/Root/Suffix
expect inspect respect suspect prospect disrespect retrospect circumspect	specter spectacle spectacular spectator spectrum special species specimen specialize specialize specify specific	inspection respectable perspective prospector expectation especially respective disrespectful suspicious auspicious conspicuous despicable



Week 11. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

1. The Greek word graphein meant "to write." From this word we get the roots graph- and gram-. You have already seen some words built in the root graph-. See if you can think of any others that were not listed earlier. Also see how many words you can find that are built on the root gram-. Remember that the root does not always appear at the beginning of the English words that are built on it.

BUILDING A STRONG VOCABULARY

2. Listed below are some words that are important in modern technology and science. If necessary use a dictionary to find out where these words came from and what their roots originally meant. Explain how the roots contribute to the modern meaning of each word. In some cases you may have to look up each root independently and put them together to form your own interpretation.

aeronautics	
amphibious	
asteroid	
cryogenics	
entomology	
geophysics	
paleontology	
physiologist	· •
supersonic	
thermonuclear	

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Take a Foreign Tour

Words from Other Languages

We have already seen a number of Latin and Greek words that contributed roots used in many English words. This week we will look at complete words that have been taken directly into English, sometimes with minor changes in spelling or pronunciation.

A. Latin Words

Many of the following words have been taken into English directly from Latin. Most of their original spellings and meanings have been retained, although a few have changed to some extent. When the Latin spelling differs from the modern English word, the original spelling is given in italics. When the meaning of the original word differs somewhat from the present meaning, it is shown in parentheses. Check yourself or work with a partner to see how many of these words you can use in a sentence.

BUILDING A STRONG VOCABULARY

```
abdomen
actor (anyone who does something or takes
 action)
animal
campus (any flat, open space)
census
color
credit (credere: to believe, entrust)
doctor (teacher)
error (a wandering about, wavering)
exit (exitus: going out)
favor
formula (shape, beauty, form)
genius (guardian spirit)
gladiator
honor
horror
index
instructor (supervisor, preparer)
major (larger, greater)
minor (smaller, less)
plus (more)
radius (stick; spoke in a wheel)
refrigerate (refrigerare: to cool off, chill)
senator
stadium (race track)
superior (higher, upper; past, preceding)
terror
video (literally "I see" - from videre, to see)
```

We still use the Latin term vice versa to mean "with the
order reversed." We also use the Latin word versus (abbrevi-
ated vs.) to mean "against"; it originally meant "towards, in
that direction."

Look up the following words in a dictionary designed for high-school or college students. After each English word write the original Latin word, which sometimes differs from the English spelling. Also write the original meaning of the Latin word.

calendar:	
circus:	
elevate:	
fortune:	
item:	
prior:	
vacuum:	

Look up the Latin term *et cetera*. What does it mean?

Why is it incorrect to say "and et cetera?"

B. Greek Words

We have seen a number of Greek roots that provided the bases for many English words. A smaller number of Greek words have been taken directly into the English language, and even these have often undergone changes in spelling and pronunciation. Some of these changes were made when Greek words were adapted to the Latin language over 2000 years ago; others were made when these words were taken into English. Here are a few examples:

atomos (indivisible): atom chorde (string): chord gala (milk): galaxy ("Milky Way") gramma (writing): grammar polis (city, state): police, politics

Words that use the *ch* spelling for the /k/ sound often originated in Greek. The *ch* spelling was added when the words were adapted for the Latin language.

choir, mechanic, archive, architect, chemistry, monarch, technical, technology, archaic, chemistry

The Greek word *psyche* originally meant "breath, principle of life, soul." It forms the root for modern words such as *psychology*, *psychiatry*, *psychic*, and *psychosomatic*.

Singular nouns that end with s often originated in Greek and were taken into Latin before making their way into English:

politics, economics, statistics, genetics, physics
Look up the following words in a dictionary designed for high-school or college students. After each English word, write the original Greek word and its meaning.
chaos:
charisma:
chasm:
chlorine:
chorus:

C. French Words

Many English words have been borrowed from French over the centuries, especially after the Duke of Normandy conquered the English in 1066 and became King William I of England.

The following words are found in both French and English. In many cases the spelling is the same, although pronunciation is different. When the French word has a different spelling, it is shown in parentheses. Can you use them?

NOTES

amateur animal attention avenue

baton boulevard catalogue certain

chandelier clear (clair, light) cruel force

garage gratitude honor (*honneur*) importance

NOTES

journal justice limousine piece

possible reason (raison) reservoir silbouette

soup (soupe) table taxi technique

If you're not sure of some of these words, look them up in your dictionary and add them to your vocabulary notebook.



Look up the following words in a dictionary designed for high-school or college students. After each English word, write the French spelling. Also give the meaning of the French word if it differs from the English version. (Keep in mind that many French words originated in even older Latin words; some dictionaries may show only the original Latin words, not the French words derived from them.)

active:	
dinner:	
marriage:	
subtle:	

Conclusion

By looking at all the words presented this week, you can see why some of them are spelled in ways that may seem puzzling at first. Words such as *psychology* and *silhouette* are not "spelled the way they sound" in English simply because they originated in other languages and usually were not pronounced the way we pronounce them today. In fact, some spellings such as that found in *psychology* actually do represent the original pronunciation, because both the letters *p* and *s* were sounded in the Greek spoken more than 2000 years ago.



Week 12. Check Yourself

Answer the following questions. Use a separate piece of paper when you need more space.

You will need a dictionary designed for high-school or college students. It must show the etymology of words borrowed from other languages. Although dictionaries intended for high schools will give some etymologies, a collegiate dictionary is more likely to provide all the information you will need. (Etymology was explained in Week 9 in the section on Dictionaries.)

Here are some words taken from Latin, Greek, or French. Some of them are spelled in English just as they were spelled originally; others have changed over the centuries. Look up each word and find the language in which it originated. Also find as much information as you can about the original meaning of each word. Can you use these words?

BUILDING A STRONG VOCABULARY

English Word	Other Language and Notes
abundant	
allow	
amphitheater	
chef	
cinema	
constellation	
dentist	
diameter	
digit	
menu	
numeral	
program	
synthetic	
urban	

Keep Building Your Vocabulary

An Ongoing Process

A twelve-week program in vocabulary building is not an end in itself. Instead, it is only a beginning. The strategies presented in this book should encourage you to see the opportunities you have for expanding your vocabulary. By applying these strategies regularly, you will develop the habit of thinking about words and of shining the light of your curiosity on the world of words around you. To make this twelve-week effort pay off, you need to think of it as a way to expand opportunities for vocabulary development in the future. You are now alert to numerous ways in which you can pique your curiosity about words.

No matter how large your storehouse of words, you can always increase and refine your ability to communicate by focusing on some words and using them quickly and often.

Try to learn one new word each day. The teacher who introduces one new word each day actually turns that word into many other new words. As the class discusses a word and its uses, other words begin to enter the picture. You can do the same in your family and among your friends.

For example, one class found the word *galvanized* in a science text. Although this word had a technical meaning that related to a procedure for protecting metal, the students discovered other ways to use it and they also learned still more words as they examined the word *galvanized*:

The dynamic speaker galvanized the thinking of his entire audience. They listened with rapt attention to his plea for action.

By looking at other ways to use *galvanized*, this class expanded its knowledge of that word and L arned two others in the process: *rapt* and *plea*. The same thing will happen in your family as you ask questions about words, explore shades of meaning, and play with words for their power and beauty.

In all you do, remember that you are not simply trying to build your stack of words higher than your neighbor's. Instead, you are searching for ways to make life more comprehensible and to make it easier to communicate with others. Success in school and in future employment will be greatly enhanced by your ability to use words skillfully and effectively.

In order to make curiosity about words a natural part of your thinking, you can't stop with a single twelve-week effort. You want to make that curiosity a habitual part of your thinking. There are many ways to accomplish this: listen to vocabulary tapes; buy other books on vocabulary; go back through this book after waiting for a month or so.

Each week of this program presented a different strategy for learning about words. Some techniques were quite simple; others were more complex. The point here is not to give a list of words to define but to show how you can think about words in ways that make them more meaningful. You may even want to paste a copy of the table of contents from this book on your refrigerator as a reminder: Here are twelve ways to expand your vocabulary:

- 1. Expand through synonyms, antonyms, and homonyms
- 2. Build through word structure—prefixes
- 3. Build through word structure—suffixes
- 4. Find related words
- 5. Gain meaning from context
- 6. Say exactly what you mean
- 7. Play the analogies game
- 8. Create word maps and webs
- 9. Search dictionaries and thesauruses
- 10. Learn through roots and affixes
- 11. Discover Latin and Greek word families
- 12. Take a foreign tour

Grow your vocabulary every day.

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12 Powerful Strategies

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Why? Because a rich cocabulary is a big step joward success in school and on the job

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