

# Vocabulary

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An Important Component of Reading for Meaning



**Webinar Guide 2017**

Institute for the Professional Development of Adult Educators

**AN IMPORTANT COMPONENT OF READING FOR MEANING**

**Vocabulary**

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## Prefixes

A **prefix** is placed at the beginning of a word to modify or change its meaning. This is a list of the most common prefixes in English, together with their basic meaning and some examples. You can find more detail or precision for each prefix in any good dictionary. The origins of words are extremely complicated. You should use this list as a guide only, to help you understand possible meanings. But be very careful, because often what appears to be a prefix is not a prefix at all. Note also that this list does not include elements like "auto-" or "bio-", because these are "combining forms", not prefixes.

Prefix		Meaning	Examples
a-	<i>also</i> an-	not, without	atheist, anemic
a-		to, towards	aside, aback
		in the process of, in a particular state	a-hunting, aglow
a-		of	anew
		completely	abashed
ab-	<i>also</i> abs-	away, from	abdicate, abstract
ad-	<i>also</i> a-, ac-, af-, ag- al-, an-, ap-, at- as-, at-	movement to, change into, addition or increase	advance, adulterate, adjunct, ascend, affiliate, affirm, aggravate, alleviate, annotate, apprehend, arrive, assemble, attend
ante-		before, preceding	antecedent, ante-room
anti-	<i>also</i> ant-	opposing, against, the opposite	anti-aircraft, antibiotic, anticlimax, Antarctic
be-		all over, all around	bespatter, beset
		completely	bewitch, bemuse
		having, covered with	bejeweled
		affect with (added to nouns)	befog
		cause to be (added to adjectives)	becalm
com-	<i>also</i> co-, col-, con-, cor-	with, jointly, completely	combat, codriver, collude, confide, corrode
contra-		against, opposite	contraceptive
counter-		opposition, opposite direction	counter-attack, counteract

de-		down, away	descend, despair, depend, deduct
		completely	denude, denigrate
		removal, reversal	de-ice, decamp
dia-	<i>also di-</i>	through, across	diagonal
dis-	<i>also di-</i>	negation, removal, expulsion	disadvantage, dismount, disbud, disbar
en-	<i>also em-</i>	put into or on	engulf, enmesh
		bring into the condition of	enlighten, embitter
		intensification	entangle, enrage
ex-	<i>also e-, ef-</i>	out	exit, exclude, expand
		upward	exalt, extol
		completely	excruciate, exasperate
		previous	ex-wife
extra-		outside, beyond	extracurricular
hemi-		half	hemisphere
hyper-		beyond, more than, more than normal	hypersonic, hyperactive
hypo-		under	hypodermic, hypothermia
in-	<i>also il-, im-</i>	not, without	infertile, inappropriate, impossible
	<i>also il-, im-, ir-</i>	in, into, towards, inside	influence, influx, imbibe
infra-		below	infrared, infrastructure
inter-		between, among	interact, interchange
intra-		inside, within	intramural, intravenous
non-		absence, negation	non-smoker, non-alcoholic
ob-	<i>also oc-, of-, op-</i>	blocking, against, concealing	obstruct, occult, offend, oppose
out-		surpassing, exceeding	outperform
		external, away from	outbuilding, outboard

over-		excessively, completely	overconfident, overburdened, overjoyed
		upper, outer, over, above	overcoat, overcast
peri-		round, about	perimeter
post-		after in time or order	postpone
pre-		before in time, place, order or importance	pre-adolescent, prelude, precondition
pro-		favoring, in support of	pro-African
		acting for	proconsul
		motion forwards or away	propulsion
		before in time, place or order	prologue
re-		again	repaint, reappraise, reawake
semi-		half, partly	semicircle, semi-conscious
sub-	<i>also</i> suc-, suf-, sug-, sup-, sur-, sus-	at a lower position	submarine, subsoil
		lower in rank	sub-lieutenant
		nearly, approximately	sub-tropical
syn-	<i>also</i> sym-	in union, acting together	synchronize, symmetry
trans-		across, beyond	transnational, transatlantic
		into a different state	translate
ultra-		beyond	ultraviolet, ultrasonic
		extreme	ultramicroscopic
un-		not	unacceptable, unreal, unhappy, unmanned
		reversal or cancellation of action or state	unplug, unmask
under-		beneath, below	underarm, undercarriage
		lower in rank	undersecretary
		not enough	underdeveloped

## Noun, Verb, and Adjective Suffixes

<b>Noun Suffixes</b>		
<b>Suffix</b>	<b>Meaning</b>	<b>Example</b>
-acy	state or quality	privacy
-al	act or process of	refusal
-ance, -ence	state or quality of	maintenance, eminence
-dom	place or state of being	freedom, kingdom
-er, -or	one who	trainer, protector
-ism	doctrine, belief	communism
-ist	one who	chemist
-ity, -ty	quality of	veracity
-ment	condition of	argument
-ness	state of being	heaviness
-ship	position held	fellowship
-sion, -tion	state of being	concession, transition
<b>Verb Suffixes</b>		
-ate	become	eradicate
-en	become	enlighten
-ify, -fy	make or become	terrify
-ize, -ise	become	civilize
<b>Adjective Suffixes</b>		
-able, -ible	capable of being	edible, presentable
-al	pertaining to	regional
-esque	reminiscent of	picturesque
-ful	notable for	fanciful
-ic, -ical	pertaining to	musical, mythic
-ious, -ous	characterized by	nutritious, portentous
-ish	having the quality of	fiendish
-ive	having the nature of	creative
-less	without	endless
-y	characterized by	sleazy

## Meaning Skills – Vocabulary

LINCS Assessment Strategies and Reading Profiles <https://lincs.ed.gov/readingprofiles/>

Knowing the meanings of the words used in a text is fundamental to comprehension. The more Word Meanings readers know, the better they will be able to understand text that they can decode.

### WORD MEANING (VOCABULARY) ACROSS NRS LEVELS

Reading material written at the 0-4 GE contains vocabulary and concepts that are familiar—similar to everyday spoken language. Most adult learners have little difficulty with this level of basic vocabulary.

**Non-native Speakers of English (NNSE)**, however, may not know the meanings of some words in 0-4 reading material, especially "close-to-home words" such as **skillet, attic, or window pane**; the names of common animals; words for domestic activities like **knitting**, etc. Because they learned English as adults, primarily through ESL classes and in the workplace, they never had the need to acquire this vocabulary. When at home with their families, they often talk about these subjects in their native language.

ABE and ASE learners' Word Meaning (vocabulary) knowledge averages approximately GE 7 for native speakers and GE 6 for Non-native Speakers of English, levels of vocabulary that severely impair the comprehension of texts at the GED level and above.

Both native speakers of English as well as NNSE may know a few words that are well above GE 4, based on their adult life experiences with their occupations, health care, hobbies, or immigration and citizenship.

Skilled readers' knowledge of word meanings tends to be wide and varied, and extends beyond the familiar. It includes words and concepts that are acquired through 12 or more years of schooling, school-based reading, and personal and work-based reading that continues into adult life.

Skilled adult readers acquired much of their knowledge of Word Meanings in the context of school-based reading. But most ABE and ASE learners are so far behind in this area that it is unlikely they can catch up simply by encountering these words in context. That is why ABE learners need direct instruction to accelerate the process of learning more Word Meanings and to improve their comprehension of higher level texts.

### ASSESSMENT

Generally speaking, ABE learners should be assessed with oral vocabulary tests. That is because many ABE and ASE learners have difficulties with accurate Word Recognition. With a written vocabulary test, the instructor cannot be sure whether a learner missed an item because he or she genuinely didn't know the meaning of the word, or because he or she was unable to decode the question or answer choices correctly.

Tests of elicited Word Meanings are administered orally, and they can provide the instructor with useful information beyond determining the learner's level of mastery. In this format, the administrator asks the



learner, "What does **enthusiastic** mean?" The learner's oral response is written down verbatim and scored as correct or incorrect.

**Non-native Speakers of English (NNSE)** usually find elicited tests of Word Meaning more difficult. An NNSE might know what an English word means and understand its meaning in context, yet not be able to supply a synonym or explanation. You can encourage NNSEs to demonstrate their understanding of a word they can't define by asking them to give examples or to use it in a sentence in a way that shows they understand its meaning.

The following is a test of elicited Word Meanings that has been used with ABE learners:

- Davidson-Bruce Word Meaning Test available as a free download on this Web site. (This test is still in the process of being validated. Use it only to match your learner to the ASRP Profiles if you do not have a score on a published vocabulary test.)

## APPROACHES TO INSTRUCTION

**Signal words:** words that aid comprehension of all reading material. "These are words that the author uses to tell us how to read. Signal words help us to understand how information is organized and provide clues about what is important. Teach signal words one group at a time. Give your students a few examples from a category and have them add others as they run across them in their reading.

Signal words are especially important for NNSE. They tend to be familiar with the basic signal words used in everyday conversation, words such as **but, and, and because**. But often they have not learned the signal words that occur in higher level texts, words like **however, moreover, nevertheless, or despite**. Signal words such as these are difficult to define because rather than having a meaning, they function to shape the meaning of a sentence. How can you define the word **although** out of context? For NNSE the easiest approach is often to have them look these words up in a native language/English language dictionary, and then practice using the English words in sentences.

**Tier 2 or Academic Words:** Words that can be used in many contexts and/or have more than one meaning, e.g., **unique, alternative, campaign, convenient, influence, administration, density, conservative, anticipate, average, liberal**. You should teach some of these words directly. You can also pre-teach or discuss these words before doing a reading comprehension passage or oral reading Fluency passage.

**Words that are related to needs and interests of the learners:** A learner working as a nursing assistant may want to be more familiar with a greater number of medical words; a learner studying for an over-the-road trucking license may want to learn words associated with that occupation; and a learner interested in gardening may want to learn words about her or his hobby.

**Content area words and concepts:** These are the important words and concepts that are part of social studies (**monarchy**), math (**parallel lines**), science (**photosynthesis**), and literature (**metaphor**).

They are especially important for pre-GED and GED learners. Lists of content area words in the areas of social studies, science, and the humanities can be found in *The Reading Teacher's Book of Lists* by Edward (Fry and Kress, 2006).

**Structural analysis (word parts):** "[U]sing word parts enables the reader to determine the pronunciation and meaning of unknown words. This word identification technique is effective especially if it is used along with phonic analysis and context clues. Knowledge of word parts is assessed with teacher-made inventories. Ask learners to divide compound words or to underline the root word or the affix in words with prefixes and/or suffixes. Practice can have the same format as the assessment.

**Cognates:** Because English contains many words with Latinate roots, NNSEs who are speakers and readers of Romance Languages like Spanish, French, or Portuguese can benefit from instruction in cognates, i.e., words that have similar spellings and similar meanings across two languages. With regard to English and Spanish, some cognates are identical (**secular/secular**); others are slightly different (**scene/escena** or **security/seguridad**). Students can be asked to find patterns such as the fact that many English nouns ending in **-ity**, end in **-dad** in Spanish, such as **nativity/natividad**. Similarly, adverbs ending in **-ly** in English often end in **-mente** in Spanish, such as **absolutely/absolutamente**. Examples of learner-friendly cognate dictionaries can be found on the internet: [http://latinamericalinks.com/spanish\\_cognates.htm](http://latinamericalinks.com/spanish_cognates.htm). Remember, for cognate instruction to succeed, the learner has to be able to read both languages, because although cognates are spelled similarly, they are usually pronounced very differently.

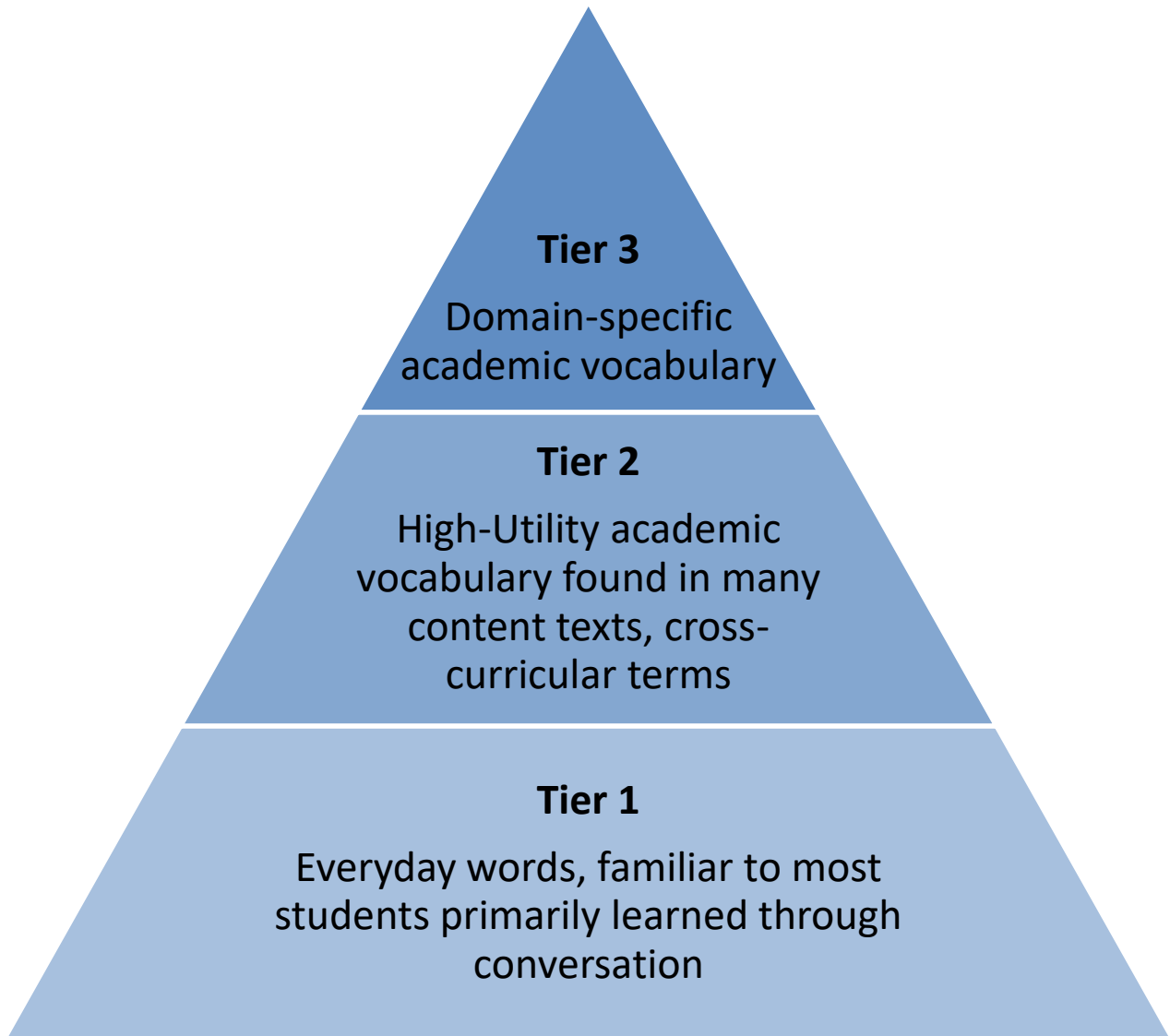
FIND OUT MORE ABOUT WORD MEANING ASSESSMENT AND INSTRUCTION:

McShane, S. (2005). **Applying research in reading for adults: First steps for teachers**. Washington, DC: National Institute for Literacy.  
<http://lincs.ed.gov/publications/pdf/applyingresearch.pdf>

### **Vocabulary Tips in a Nutshell**

- Pre-teach unfamiliar words in instructional text.
- Ensure multiple exposures to words by teaching useful, "real-life" words and words learners will encounter in subject matter texts they are studying.
- Engage learners in using and working with the words in several ways.
- Teach word-learning strategies like structural analysis, using context clues, and using a dictionary.
- Encourage wide reading of level-appropriate materials in varied subject matter areas.

## Tiered Vocabulary



## Developing Effective Practices in Vocabulary Instruction

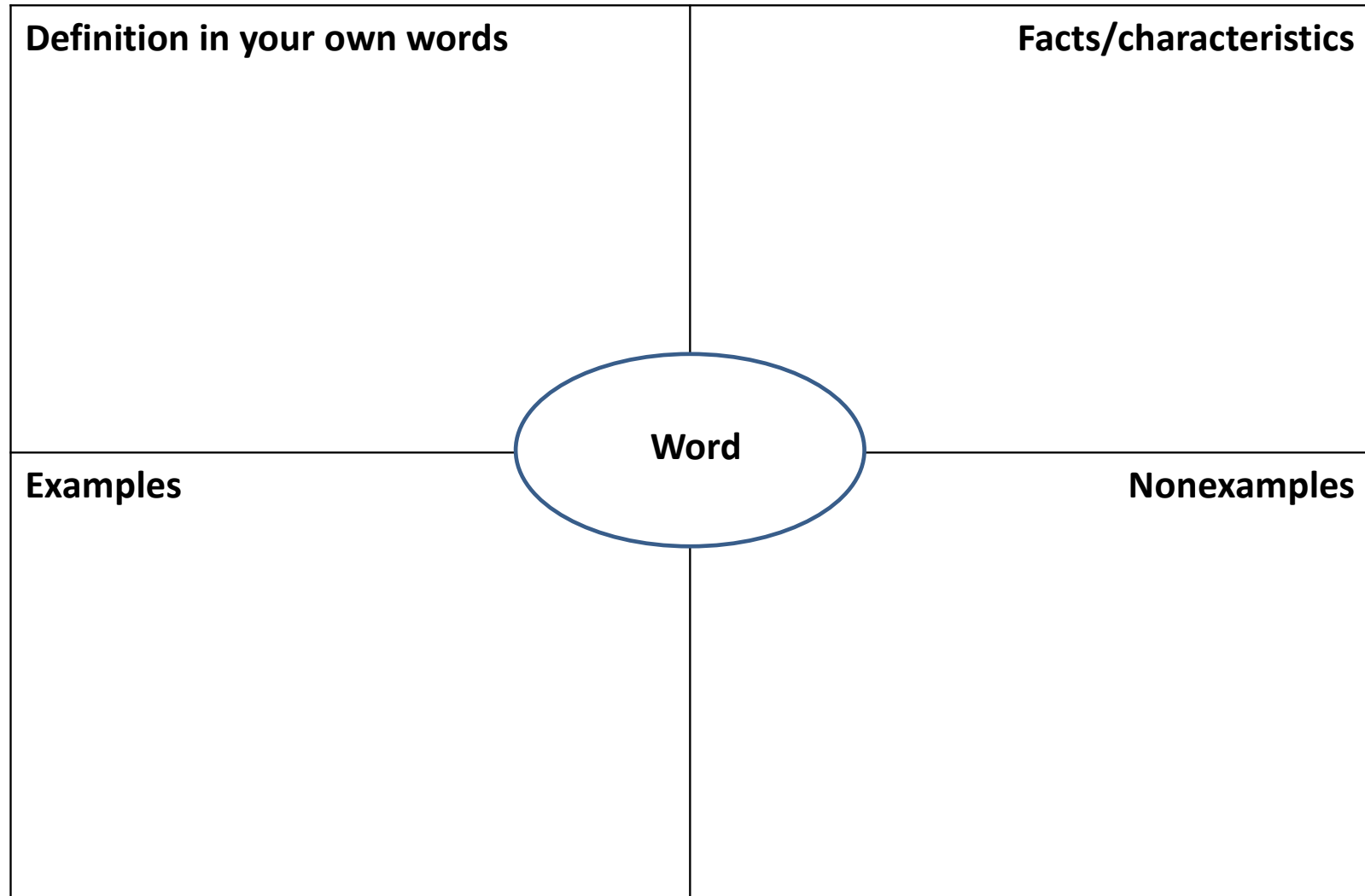
Teachers Should Increase	Teachers Should Decrease
<ul style="list-style-type: none"> <li>• Time for reading</li> <li>• Use of varied, rich text</li> <li>• Opportunities for students to hear or use words in context</li> <li>• Use of concrete contexts when possible</li> <li>• Opportunities for students to use words in meaningful ways</li> <li>• Opportunities for students to connect new words/concepts to those already known</li> <li>• Study of concepts rather than single, unrelated words</li> <li>• Explicit instruction of concepts and incidental encounter with words</li> <li>• Teaching strategies leading to independent word learning</li> <li>• Study of words or concepts that will have the biggest impact on comprehension rather than “covering” many words superficially</li> <li>• Opportunities for making or drawing inference</li> </ul>	<ul style="list-style-type: none"> <li>• Looking up definitions as a single source of word knowledge</li> <li>• Asking students to write sentences for new words before they’ve studied the word in depth</li> <li>• Notion that all words in a text need to be defined for comprehension</li> <li>• Using context as a highly reliable tool for increasing comprehension</li> <li>• Assessments that ask students for single definitions.</li> </ul>

Janet Allen – *Words, Words, Words*

**Vocabulary Dictionary**

<b>Passage Meaning:</b>	<b>Alternate Meaning:</b>	<b>Passage Meaning:</b>	<b>Alternate Meaning:</b>
<b>Part of Speech:</b>	<b>Part of Speech:</b>	<b>Part of Speech:</b>	<b>Part of Speech:</b>
<b>Passage Sentence:</b>	<b>Sample Sentence:</b>	<b>Passage Sentence:</b>	<b>Sample Sentence:</b>
<b>Context Clues:</b>		<b>Context Clues:</b>	
<b>WORD:</b>		<b>WORD:</b>	
<b>Alternate Meaning:</b>	<b>Alternate Meaning:</b>	<b>Alternate Meaning:</b>	<b>Alternate Meaning:</b>
<b>Part of Speech:</b>	<b>Part of Speech:</b>	<b>Part of Speech:</b>	<b>Part of Speech:</b>
<b>Sample Sentence:</b>	<b>Sample Sentence:</b>	<b>Sample Sentence:</b>	<b>Sample Sentence:</b>

# Frayer Model



## Vocabulary Notebook

Word and Page Number	Resource	
Sentence in which the word was used in the text		
Student-Friendly Definition		
Antonyms	Synonyms	Picture/Drawing

## **Games to Get Students Engaged in Vocabulary**

### **Charades**

Write vocabulary words on individual index cards. Divide the class into two teams and have one person from each team choose a piece of paper and act out the word. The teams must guess the correct word before three minutes run out. For each correct word, that team receives a point. The team that hits ten points first is the winning team.

### **Pictionary**

Write vocabulary words on individual index cards or use your set from charades. Break your class into two teams, and one individual from each team draws a picture on the board. Drawers cannot use letters numbers

### **Last Man Standing**

This game is fast-paced, but allows students some time to think. It also encourages peer learning, as students will pick up on words they hear others speaking. To play the game, grab a ball and have all the students form a circle. Name a category or theme, such as things found in a kitchen, food, professions, and so on.

Begin by tossing the ball at a student. That student will shout a word related to the theme and throw the ball to another student. As each person catches the ball, they need to come up with another word that fits the theme. If they repeat a word that has already been said or can't think of a new one within a few seconds, they are out and must sit on the sidelines. Don't worry, they'll still be learning!

Take things up a notch with a different version of "Last Man Standing." Instead of naming a theme, each student gives the next student another theme. For example, you might start off with "something red." The first student to catch the ball could say "strawberry" and then choose another topic and throw the ball to the next student. This makes the game much more difficult, since students cannot think of a word until they know what their theme is.

### **Memory**

Create your own memory game using vocabulary words. Write each word on individual index cards. For each existing card, make a matching card with the definition, a synonym or an antonym. Students shuffle the cards and arrange them all face down on a table. Students take turns flipping over two cards. If the cards make a set, the student keeps the cards and takes an additional turn. The person with the most cards at the end of the game wins.

### **Modified Catch Phrase**

Write each vocabulary word on an individual index card. Students sit in a circle with a timer set for a random amount of time (3-8 minutes works well). Shuffle the cards and give the deck to the first person in the circle. That person draws a card and tries to get his classmates to guess the word by giving verbal clues. He cannot say the word or any part of the word. When someone guesses the word, he passes the stack to the next person who takes a turn with another word. The person holding the stack of cards when the timer goes off loses.



### **Scattergories**

Choose ten categories with your students or before class starts (e.g. types of pets, city names, sports, items in a kitchen, etc.). Use an alphabet die to determine the letter for each round of play. Set a timer for three minutes, and students must think of one word for each category that begins with that round's letter. Students score one point per word, and the person with the most points at the end of three rounds is the winner.

### **Taboo Words**

Taboo Words helps students practice with synonyms and descriptions. Separate the class in half and have the two teams sit on opposite sides of the room, facing each other. Each team will choose a person to sit in front of their team, facing them in the "hot seat." You will stand behind the students and hold up a piece of paper with a word on it. The students in the hot seats will not be able to see these papers. Teams have three minutes (or any amount of time you want to set) to get their hot seat member to say the word on the paper. The catch is that they *can't* say the word under any circumstances.

***Tips for playing in a large class.*** If you have more than 12 students in a class, things can get a little chaotic with this game. In this case, it's usually simpler to divide everyone into teams of 5-6 people and have only one team go at a time.

### **Categories**

Students will beg to play this game once they get the hang of it! It's a great way to fill up the last few minutes of class, too.

Have students draw six columns on their paper and write a category at the top of each column. You can choose categories that fit what you've been studying in class or go with some basics.

Choose a random letter and write it on the board. Give students enough time to write down a word for each category that starts with that letter. You can repeat with new letters as many times as you like.

### **What Am I Thinking Of?**

If you've ever played 20 Questions, you already know how this game goes. Pair students up and have them think of an object. Each student should write 5-10 words describing the object on a piece of paper. When you call time, the students swap papers and try to figure out what the other person described. The first team to have both words guessed correctly wins.

### **Word Bingo**

Make bingo sheets with a 4x4 grid and add words to each square. Hand these out (each one should be unique) and have students mark the correct word when you call it out. The first person to finish marking their entire page wins.

There are some fun variations to Word Bingo!

**Synonym Bingo:** Get those brains working by giving students a word that means the same thing as a word on their card.

**Antonym Bingo:** This is just as it sounds. Call out the antonyms of words on their cards and see how many students get it.

## Resources from the World Wide Web

### Lessons and Activities

CPALMS <http://www.cpalms.org/Public/>

English Club (massive site) <http://www.englishclub.com/vocabulary/prefixes.htm>

ReadWriteThink <http://www.readwritethink.org/>

Reading Rockets (although built for elementary- has lots of ideas with ESL, LD, Adolescent sister sites) <http://www.readingrockets.org/>

Teacher's First <http://www.teachersfirst.com/readstrat.cfm>

The English Zone <http://www.english-zone.com/>.

Vocabulary University <https://www.vocabulary.com/>

### Word Games

Vocabulary Games <https://www.flocabulary.com/vocabulary-mini-games/>

Vocabulary Games and Resources <https://www.vocabulary.co.il/>

Word Games <http://www.eastoftheweb.com/games/index.html>

Word Games <http://www.wordgames.com/>

### Word Lists

Academic Word List <http://www.victoria.ac.nz/lals/resources/academicwordlist/>

How Can You Use the Academic Word List? University of Nottingham. Sandra Hayword  
<http://www.nottingham.ac.uk/alzsh3/acvocab/>

New Academic Word List <http://www.newacademicwordlist.org/>

General Service List <http://www.auburn.edu/~nunnath/engl6240/wlistgen.html>

New General Service List <http://www.newgeneralservicelist.org/>

### Vocabulary Profilers

Academic Word Finder <http://achievethecore.org/academic-word-finder/>

Complete Lexical Tutor <http://www.lex tutor.ca/vp/eng/>

Vocabulary Profiler <http://www4.caes.hku.hk/vocabulary/profile.htm>

**Vocabulary Profiler** [http://www.btbpres.com/vocabulary\\_profiler/](http://www.btbpres.com/vocabulary_profiler/)

**Web VP** <http://www.sfu.ca/~msevier/WebVocabularyProfilerCS.htm>

**Stay in Touch!**  
**Florida IPDAE - <http://floridaipdae.org/>**

# Word Lists

## The New General Service List

West, 1953; Revised 2013 by Brown, Culligan and Phillips

The New General Service List - <http://www.newgeneralservicelist.org/>

a	ad	agreement
abandon	adapt	agricultural
ability	add	ahead
able	addition	aid
abortion	additional	aim
about	address	air
above	adequate	aircraft
abroad	adjust	airline
absence	adjustment	alarm
absolute	administration	album
absolutely	admire	alcohol
abstract	admit	alive
abuse	adopt	all
academic	adult	allege
accept	advance	allow
acceptable	advantage	ally
access	adventure	almost
accident	advertise	alone
accommodation	advertisement	along
accompany	advice	alongside
accomplish	advise	already
accord	adviser	alright
account	advocate	also
accurate	affair	alter
accuse	affect	alternative
achieve	afford	although
achievement	afraid	altogether
acknowledge	after	always
acquire	afternoon	amaze
acquisition	again	amendment
across	against	among
act	age	amount
action	agency	analysis
active	agenda	analyst
activity	agent	analyze
actor	aggressive	ancient
actual	ago	and
actually	agree	anger

angle	around	automatically
angry	arrange	autumn
animal	arrangement	available
announce	arrest	average
announcement	arrival	avoid
annual	arrive	award
another	art	aware
answer	article	awareness
anticipate	artist	away
anxiety	as	awful
anxious	ashamed	baby
any	aside	back
anybody	ask	background
anymore	assess	bad
anyone	assessment	badly
anything	asset	bag
anyway	assign	balance
anywhere	assist	ball
apart	assistance	ban
apartment	assistant	band
apologize	associate	bank
apparent	association	bar
apparently	assume	barely
appeal	assumption	barrier
appear	assure	base
appearance	at	basic
application	athlete	basically
apply	atmosphere	basis
appoint	attach	bath
appointment	attachment	battle
appreciate	attack	be
approach	attempt	beach
appropriate	attend	bear
approval	attendance	beat
approve	attention	beautiful
approximately	attitude	beauty
architecture	attract	because
area	attraction	become
argue	attractive	bed
argument	attribute	bedroom
arise	audience	beer
arm	aunt	before
army	author	begin

behave	bone	burst
behavior	book	bury
behind	boom	bus
belief	boost	business
believe	boot	busy
bell	border	but
belong	bore	button
below	borrow	buy
belt	boss	buyer
bend	both	by
beneath	bother	cable
benefit	bottle	cake
beside	bottom	calculate
besides	boundary	call
bet	bowl	calm
between	box	camera
beyond	boy	camp
bias	brain	campaign
bid	branch	can
big	brand	cancel
bike	bread	cancer
bill	break	cap
bin	breakfast	capability
bind	breast	capable
biological	breath	capacity
bird	breathe	capital
birth	breed	capture
bit	bridge	car
bite	brief	carbon
black	briefly	card
blame	bright	care
bless	brilliant	career
blind	bring	careful
block	broad	carefully
blood	broadcast	carpet
bloody	brother	carry
blow	brown	case
blue	brush	cash
board	budget	cast
boat	build	castle
body	bunch	cat
bomb	burden	catalog
bond	burn	catch

category	chocolate	college
cause	choice	color
celebrate	choose	column
celebration	church	combination
cell	cigarette	combine
cent	circle	come
center	circumstance	comedy
central	cite	comfort
century	citizen	comfortable
ceremony	city	command
certain	civil	comment
certainly	civilian	commercial
chain	claim	commission
chair	class	commit
chairman	classic	commitment
challenge	classical	committee
chamber	clause	common
champion	clean	communicate
championship	clear	communication
chance	clearly	community
change	climate	company
channel	climb	compare
chapter	clinical	comparison
character	clock	compensation
characteristic	close	compete
characterize	closely	competition
charge	clothes	competitive
charity	clothing	competitor
charm	cloud	complain
chart	club	complaint
chase	cluster	complete
chat	coach	completely
cheap	coal	complex
check	coast	complexity
cheek	coat	complicate
cheese	code	component
chemical	coffee	compose
chest	coin	composition
chicken	cold	compound
chief	collapse	comprehensive
child	colleague	comprise
childhood	collect	compromise
chip	collection	compute



computer	continue	crazy
concentrate	continuous	cream
concentration	contract	create
concept	contrast	creation
concern	contribute	creative
concert	contribution	creature
conclude	control	credit
conclusion	controversial	crew
concrete	convention	crime
condition	conventional	criminal
conduct	conversation	crisis
confidence	convert	criterion
confident	convince	critic
confirm	cook	critical
conflict	cool	criticism
confuse	cooperation	criticize
confusion	cope	crop
connect	copy	cross
connection	core	crowd
consequence	corner	crucial
consequently	corporate	cry
conservative	corporation	cultural
consider	correct	culture
considerable	correspond	cup
consideration	cost	curious
consist	cough	currency
consistent	could	current
constant	council	currently
constantly	counsel	curtain
constitute	count	curve
constraint	counter	custom
construct	country	customer
construction	county	cut
consult	couple	cycle
consultant	course	dad
consume	court	daily
consumer	cousin	damage
contact	cover	damn
contain	coverage	dance
contemporary	cow	danger
content	crack	dangerous
contest	craft	dare
context	crash	dark

darkness	dependent	disagree
data	deposit	disappear
database	depress	disappoint
date	depression	disaster
daughter	depth	discipline
day	derive	discount
dead	describe	discover
deal	description	discovery
dealer	desert	discuss
dear	deserve	discussion
death	design	disease
debate	designer	dish
debt	desire	disk
decade	desk	dismiss
decide	despite	disorder
decision	destroy	display
declare	destruction	dispute
decline	detail	distance
decrease	detect	distant
dedicate	determination	distinct
deep	determine	distinction
deeply	develop	distinguish
defeat	development	distribute
defend	device	district
defense	devote	disturb
deficit	dialog	diversity
define	die	divide
definitely	diet	division
definition	differ	divorce
degree	difference	do
delay	different	doctor
delight	differently	document
deliver	difficult	dog
delivery	difficulty	dollar
demand	dig	domestic
democracy	digital	dominate
democratic	dimension	door
demonstrate	dinner	double
demonstration	direct	doubt
density	direction	down
deny	directly	dozen
department	director	draft
depend	dirty	drag

drama	either	entertainment
dramatic	elderly	entire
dramatically	elect	entirely
draw	election	entitle
dream	electric	entrance
dress	electricity	entry
drink	electronic	envelope
drive	element	environment
driver	eliminate	environmental
drop	else	episode
drug	elsewhere	equal
dry	email	equally
due	embarrass	equation
during	embrace	equipment
dust	emerge	equivalent
duty	emergency	era
each	emotion	error
ear	emotional	escape
early	emphasis	especially
earn	emphasize	essay
earth	empire	essential
ease	employ	establish
easily	employee	establishment
east	employer	estate
eastern	employment	estimate
easy	empty	ethnic
eat	enable	evaluate
economic	encounter	evaluation
economy	encourage	even
edge	end	evening
edit	enemy	event
edition	energy	eventually
editor	engage	ever
educate	engine	every
education	engineer	everybody
educational	enhance	everyday
effect	enjoy	everyone
effective	enormous	everything
effectively	enough	everywhere
efficiency	ensure	evidence
efficient	enter	evil
effort	enterprise	evolution
egg	entertain	evolve

exact	extension	federal
exactly	extensive	fee
exam	extent	feed
examination	external	feel
examine	extra	fellow
example	extract	female
exceed	extraordinary	fence
excellent	extreme	festival
except	extremely	few
exception	eye	fiction
excess	face	field
exchange	facility	fight
excite	fact	figure
excitement	factor	file
exclude	factory	fill
excuse	fade	film
executive	fail	filter
exercise	failure	final
exhaust	fair	finally
exhibit	fairly	finance
exhibition	faith	financial
exist	faithfully	find
existence	fall	fine
expand	false	finger
expansion	familiar	finish
expect	family	fire
expectation	famous	firm
expenditure	fan	firmly
expense	fancy	first
expensive	fantastic	firstly
experience	far	fish
experiment	farm	fit
experimental	farmer	fix
expert	fascinate	flag
explain	fashion	flash
explanation	fast	flat
explore	fat	flexible
export	father	flight
expose	fault	float
exposure	favor	flood
express	favorite	floor
expression	fear	flow
extend	feature	flower

fly	front	give
focus	fruit	glad
fold	fuel	glance
folk	fulfill	glass
follow	full	global
food	fully	go
fool	fun	goal
foot	function	god
football	functional	gold
for	fund	golden
force	fundamental	golf
forecast	funny	good
foreign	furniture	govern
forest	further	government
forever	furthermore	governor
forget	future	grab
form	gain	grade
formal	gallery	gradually
format	game	graduate
formation	gap	grain
former	garden	grammar
formula	gas	grand
forth	gate	grandmother
fortunate	gather	grant
fortune	gay	grass
forward	gaze	grateful
found	gear	gray
foundation	gender	great
fragment	gene	greatly
frame	general	green
framework	generally	greet
free	generate	grin
freedom	generation	ground
freeze	genetic	group
frequency	gentle	grow
frequent	gentleman	growth
frequently	gently	guarantee
fresh	genuine	guard
friend	gesture	guess
friendly	get	guest
friendship	giant	guide
frighten	gift	guideline
from	girl	guilty

guitar	highly	ideal
gun	hill	identify
guy	himself	identity
habit	hint	if
hair	hire	ignore
half	historian	ill
hall	historic	illegal
hand	historical	illness
handle	history	illustrate
hang	hit	illustration
happen	hold	image
happiness	holder	imagination
happy	hole	imagine
harbor	holiday	immediate
hard	home	immediately
hardly	honest	immigrant
harm	honor	implement
hat	hook	implementation
hate	hope	implication
have	hopefully	imply
he	horrible	import
head	horse	importance
health	hospital	important
healthy	host	impose
hear	hot	impossible
heart	hotel	impress
heat	hour	impression
heavily	house	impressive
heavy	household	improve
height	how	improvement
hell	however	in
hello	huge	incentive
help	human	inch
helpful	humor	incident
hence	hunger	include
here	hunt	income
hero	hurry	incorporate
herself	hurt	increase
hesitate	husband	increasingly
hi	hypothesis	indeed
hide	i	independence
high	ice	independent
highlight	idea	index

indicate	internal	keen
indication	international	keep
individual	interpret	key
industrial	interpretation	kick
industry	intervention	kid
infant	interview	kill
infection	into	kind
inflation	introduce	king
influence	introduction	kiss
inform	invent	kitchen
information	invest	knee
initial	investigate	knife
initially	investigation	knock
initiative	investment	know
injure	investor	knowledge
injury	invitation	label
inner	invite	labor
innocent	involve	laboratory
innovation	involvement	lack
input	iron	lady
inquiry	island	lake
inside	isolate	land
insight	issue	landscape
insist	it	language
inspire	item	large
install	itself	largely
instance	jacket	last
instead	jail	late
institution	job	latter
institutional	join	laugh
instruction	joint	laughter
instrument	joke	launch
insurance	journal	law
insure	journalist	lawyer
integrate	journey	lay
intellectual	joy	layer
intelligence	judge	lazy
intend	judgment	lead
intense	jump	leader
intention	jury	leadership
interaction	just	league
interest	justice	lean
interior	justify	leap

learn	locate	march
least	location	margin
leather	lock	mark
leave	log	market
lecture	logic	marriage
left	long	marry
leg	look	mass
legal	loose	massive
legislation	lose	master
lend	loss	match
length	lot	mate
less	loud	material
lesson	love	mathematics
let	lovely	matter
letter	lover	mature
level	low	maximum
liability	luck	may
liberal	lucky	maybe
library	lunch	mayor
license	luxury	meal
lie	machine	mean
life	mad	meanwhile
lift	magazine	measure
light	magic	measurement
like	mail	meat
likely	main	mechanism
limit	mainly	medical
limitation	maintain	medicine
line	maintenance	medium
link	major	meet
lip	majority	member
liquid	make	membership
list	maker	memory
listen	male	mental
listener	man	mention
literally	manage	menu
literary	management	mere
literature	manager	merely
little	manner	mess
live	manufacture	message
load	manufacturer	metal
loan	many	meter
local	map	method



middle	motivation	neither
might	motor	nerve
mile	mount	nervous
military	mountain	net
milk	mouse	network
mind	mouth	never
mine	move	nevertheless
minimum	movement	new
minister	movie	newly
minor	much	news
minority	multiple	newspaper
minute	murder	next
mirror	muscle	nice
miss	museum	night
mission	music	no
mistake	musical	nobody
mix	musician	noise
mixture	must	none
mobile	mutual	nor
mode	myself	normal
model	mystery	normally
moderate	name	north
modern	narrative	northern
modify	narrow	nose
module	nation	not
mom	national	note
moment	native	nothing
money	natural	notice
monitor	naturally	notion
month	nature	noun
monthly	near	novel
mood	nearby	now
moon	nearly	nowadays
moral	necessarily	nowhere
more	necessary	nuclear
moreover	neck	number
morning	need	numerous
mortgage	negative	nurse
most	neglect	object
mostly	negotiate	objective
mother	negotiation	obligation
motion	neighbor	observation
motivate	neighborhood	observe

obvious	organize	partner
obviously	origin	partnership
occasion	original	party
occasionally	originally	pass
occupy	other	passage
occur	otherwise	passenger
ocean	ought	passion
odd	ourselves	past
of	out	path
off	outcome	patient
offense	outline	pattern
offer	output	pause
office	outside	pay
officer	over	payment
official	overall	peace
often	overcome	peak
oil	overseas	peer
okay	owe	pen
old	own	penalty
on	owner	pension
once	ownership	people
one	pace	per
online	pack	perceive
only	package	percent
onto	page	percentage
open	pain	perception
opera	paint	perfect
operate	pair	perfectly
operation	pale	perform
operator	panel	performance
opinion	panic	perhaps
opponent	paper	period
opportunity	paragraph	permanent
oppose	parallel	permission
opposite	parent	permit
opposition	park	person
option	part	personal
or	participant	personality
orange	participate	personally
order	participation	personnel
ordinary	particular	perspective
organic	particularly	persuade
organization	partly	phase

phenomenon	politics	presence
philosophy	poll	present
phone	pollution	presentation
photo	pool	preserve
photograph	poor	president
phrase	pop	presidential
physical	popular	press
piano	population	pressure
pick	port	presumably
picture	portion	pretend
piece	portrait	pretty
pig	pose	prevent
pile	position	previous
pilot	positive	previously
pink	possess	price
pipe	possession	pride
pitch	possibility	primarily
place	possible	primary
plain	possibly	prime
plan	post	principal
plane	pot	principle
planet	potato	print
plant	potential	printer
plastic	potentially	prior
plate	pound	priority
platform	pour	prison
play	poverty	prisoner
player	power	private
pleasant	powerful	privilege
please	practical	prize
pleasure	practice	pro
plenty	praise	probability
plot	pray	probably
plus	precise	problem
pocket	precisely	procedure
poem	predict	proceed
poet	prefer	process
poetry	preference	produce
point	pregnancy	producer
police	pregnant	product
policy	premise	production
political	preparation	profession
politician	prepare	professional

professor	quality	recall
profile	quantity	receive
profit	quarter	recent
program	question	recently
progress	quick	reckon
project	quickly	recognition
promise	quiet	recognize
promote	quietly	recommend
promotion	quite	recommendation
prompt	quote	record
proof	race	recover
proper	racial	recovery
properly	radical	recruit
property	radio	red
proportion	rail	reduce
proposal	rain	reduction
propose	raise	refer
prospect	random	reference
protect	range	reflect
protection	rank	reflection
protein	rapid	reform
protest	rapidly	refugee
proud	rare	refuse
prove	rarely	regard
provide	rat	regardless
province	rate	region
provision	rather	regional
psychological	ratio	register
pub	raw	registration
public	reach	regret
publication	react	regular
publisher	reaction	regularly
pull	read	regulate
pump	reader	regulation
pupil	ready	reject
purchase	real	relate
pure	reality	relation
purpose	realize	relationship
pursue	really	relative
push	rear	relatively
put	reason	relax
qualification	reasonable	release
qualify	reasonably	relevant

reliable	responsible	royal
relief	rest	ruin
religion	restaurant	rule
religious	restore	run
rely	restrict	rural
remain	restriction	rush
remark	result	sad
remarkable	retail	safe
remember	retain	safety
remind	retire	sail
remote	retirement	sake
remove	return	salary
rent	reveal	sale
repair	revenue	salt
repeat	reverse	same
replace	review	sample
reply	revise	sanction
report	revolution	sand
reporter	reward	satisfaction
represent	rice	satisfy
representation	rich	save
representative	rid	say
reputation	ride	scale
request	right	scan
require	ring	scare
requirement	rise	scene
rescue	risk	schedule
research	rival	scheme
researcher	river	scholar
reserve	road	school
resident	rock	science
resign	role	scientific
resist	roll	scientist
resistance	romantic	scope
resolution	roof	score
resolve	room	scream
resort	root	screen
resource	rough	sea
respect	roughly	seal
respectively	round	search
respond	route	season
response	routine	seat
responsibility	row	second

secondary	shape	simply
secondly	share	since
secret	shareholder	sing
secretary	sharp	singer
section	she	single
sector	sheep	sink
secure	sheet	sir
security	shelf	sister
see	shell	sit
seed	shelter	site
seek	shift	situate
seem	shine	situation
segment	ship	size
select	shirt	ski
selection	shock	skill
self	shoe	skin
sell	shoot	skirt
send	shop	sky
senior	shore	slave
sense	short	sleep
sensitive	shot	slice
sentence	should	slide
separate	shoulder	slight
sequence	shout	slightly
series	show	slip
serious	shower	slope
seriously	shut	slow
servant	sick	slowly
serve	side	small
server	sigh	smart
service	sight	smell
session	sign	smile
set	signal	smoke
settle	significance	smooth
settlement	significant	snap
several	significantly	snow
severe	silence	so
sex	silent	social
sexual	silly	society
shade	silver	soft
shadow	similar	software
shake	similarly	soil
shall	simple	soldier

solid	spring	stream
solution	square	street
solve	stability	strength
some	stable	strengthen
somebody	staff	stress
somehow	stage	stretch
someone	stain	strict
something	stair	strike
sometimes	stake	string
somewhat	stamp	strip
somewhere	stand	stroke
son	standard	strong
song	star	strongly
soon	stare	structural
sorry	start	structure
sort	state	struggle
soul	statement	student
sound	station	studio
source	statistic	study
south	status	stuff
southern	stay	stupid
space	steady	style
spare	steal	subject
speak	steel	submit
speaker	stem	subsequent
special	step	subsequently
specialist	stick	substance
specialize	still	substantial
species	stimulate	substitute
specific	stir	succeed
specifically	stock	success
specify	stomach	successful
speech	stone	successfully
speed	stop	such
spell	storage	sudden
spend	store	suddenly
spin	storm	suffer
spirit	story	sufficient
split	straight	sugar
sponsor	strain	suggest
sport	strange	suggestion
spot	stranger	suit
spread	strategy	suitable

sum	tape	there
summarize	target	therefore
summary	task	they
summer	taste	thick
sun	tax	thin
supplement	taxi	thing
supplier	tea	think
supply	teach	thirst
support	teacher	this
supporter	team	though
suppose	tear	threat
sure	technical	threaten
surely	technique	throat
surface	technology	through
surgery	teenager	throughout
surprise	telephone	throw
surprisingly	television	thus
surround	tell	ticket
survey	temperature	tie
survival	temporary	tight
survive	tend	till
suspect	tendency	time
suspend	tender	tiny
sustain	tennis	tip
swear	tension	tire
sweep	tent	tissue
sweet	term	title
swim	terrible	to
swing	territory	today
switch	terrorist	together
symbol	test	tomorrow
symptom	text	tone
system	than	tongue
table	thank	tonight
tackle	that	too
tail	the	tool
take	theater	tooth
tale	theme	top
talent	themselves	topic
talk	then	total
tall	theoretical	totally
tank	theory	touch
tap	therapy	tough



tour	twice	usual
tourism	twin	usually
tourist	twist	valley
tournament	type	valuable
toward	typical	value
tower	typically	van
town	ugly	variable
toy	ultimately	variation
trace	unable	variety
track	uncertainty	various
trade	uncle	vary
tradition	unclear	vast
traditional	under	vegetable
traffic	undergo	vehicle
trail	underlie	venture
train	understand	verb
transfer	undertake	version
transform	unemployment	versus
transition	unfortunately	very
translate	uniform	vessel
transport	union	veteran
transportation	unique	via
trap	unit	vice
travel	unite	victim
treat	universal	victory
treatment	universe	video
tree	university	view
trend	unknown	village
trial	unless	violence
trick	unlike	violent
trigger	unlikely	virtually
trip	until	virus
troop	unusual	visible
trouble	up	vision
truck	update	visit
true	upon	visitor
truly	upper	visual
trust	upset	vital
truth	urban	voice
try	urge	volume
tube	use	voluntary
tune	useful	volunteer
turn	user	vote

voter	west	with
wage	western	withdraw
wait	wet	within
wake	what	without
walk	whatever	witness
wall	wheel	woman
wander	when	wonder
want	whenever	wonderful
war	where	wood
warm	whereas	wooden
warn	wherever	word
wash	whether	work
waste	which	worker
watch	while	world
water	whilst	worry
wave	whisper	worth
way	white	would
we	who	wound
weak	whole	wrap
weakness	why	write
wealth	wide	writer
wealthy	widely	wrong
weapon	wife	yard
wear	wild	yeah
weather	will	year
web	win	yellow
wed	wind	yes
week	window	yesterday
weekend	wine	yet
weekly	wing	yield
weigh	winner	you
weight	winter	young
weird	wipe	yourself
welcome	wire	youth
welfare	wise	zone
well	wish	

## The New Academic Word List

Original Averil Coxhead; Revised 2013 – Browne, Culligan and Phillips

Original Academic Word List <http://www.victoria.ac.nz/lals/resources/academicwordlist/>.

New Academic Word List <http://www.newgeneralservicelist.org/nawl-new-academic-word-list/>

abdominal	allocation	atom
absorb	altitude	atomic
absorption	aluminum	auction
accelerate	amino	audio
acceleration	amongst	audit
accent	amplitude	authority
accumulate	analogy	autonomy
accumulation	ancestor	availability
accuracy	anthropology	axiom
accurately	anti	axis
acid	antibiotic	backward
acidic	antibody	bacteria
activate	antiquity	bacterial
actively	appendix	bang
acute	applause	bargain
adaptation	apple	barrel
adaptive	approximate	basin
adjacent	approximation	bat
admission	arbitrary	beam
adolescent	archaeology	behavioral
adverse	architect	bilingual
aerosol	array	binary
aesthetic	arrow	biodiversity
affirm	articulate	biologist
afterward	artifact	biology
aggregate	artificial	bizarre
agriculture	artistic	blank
airplane	artwork	bleed
algebra	aspect	bodily
algorithm	assembly	bonus
alien	assert	bound
alliance	assignment	bracket
allocate	athletic	breakdown

broadly	client	confound
bubble	clinic	congruent
bucket	clip	connector
bulk	clone	connotation
bullet	closure	conscious
bundle	clue	consciousness
calcium	coefficient	consensus
calculation	cognitive	consent
calculator	coherent	conservation
calculus	collective	conserve
campus	colonial	consonant
candidate	colony	constitution
capillary	comma	constrain
capitalism	commentary	consultation
capitalist	commodity	consumption
carrier	commonly	container
cattle	communicative	continent
cancel	communist	continuity
characterization	compact	contour
cheat	comparable	contradict
cheer	comparative	contradiction
chemistry	compensate	contradictory
chemotherapy	competence	contrary
chess	competent	controversy
chloride	complement	converge
chromosome	complication	convergence
chronic	comply	coordinate
chunk	composer	coordination
cinema	composite	cord
circa	comprehension	coronary
circulate	computation	corpus
circulation	conceive	correction
civilization	conception	correctly
clarify	conceptual	correlate
classification	conditional	correlation
classify	conduction	correspondence
classroom	cone	corruption
clay	conference	cortex
clever	configuration	credibility
click	confine	criteria

critically	dictate	elaborate
critique	dictionary	elastic
crude	differential	elasticity
crystal	differentiate	electron
cue	differentiation	elementary
cure	diffusion	elevate
curriculum	dilemma	elevation
cyclic	dilute	elimination
cylinder	dimensional	elite
damp	dioxide	embed
deadline	directive	emergence
decay	disability	emission
deceive	disadvantage	emit
defect	discharge	emperor
deficiency	discourse	empirical
definite	discrete	encode
deflection	discrimination	enforcement
degrade	displacement	enormously
deliberately	dissection	entity
delta	dissertation	entrant
demonstrator	dissolve	enzyme
denominator	distribution	epidemic
denote	disturbance	epidemiology
dense	diverse	equality
dependence	domain	equilibrium
depict	dominance	equivalence
derivative	dominant	erase
descendent	domination	essence
descriptor	donor	essentially
destination	dose	estimation
detection	drain	ethical
developmental	drift	ethics
deviation	duration	evident
diagnose	dye	evolutionary
diagnosis	dynamic	ex
diagnostic	ecological	execute
diagram	ecology	execution
dialect	economically	exit
diameter	economist	expertise
diary	effectiveness	explicit

explicitly	ghost	impulse
exploit	globalization	incidence
exponential	goat	incline
fabric	goodness	inclusion
facet	goods	incredible
facilitate	gradient	incredibly
factorial	gram	incumbent
faculty	grammatical	independently
fatigue	graph	indicator
feedback	grasp	indifference
fertility	gravity	indigenous
fetal	grid	indirect
fever	gross	individually
fiber	gut	induce
fin	habitat	induction
finite	halfway	industrialization
flesh	handout	industrialize
flexibility	harvest	inequality
flip	hawk	inevitably
fluid	headquarter	infect
flux	hedge	infectious
footnote	helix	inference
formally	hepatitis	inferior
formulation	herbicide	infinite
forum	hierarchy	infinity
fossil	hip	influential
founds	historically	informal
fraction	homework	inhibit
fracture	horizon	inhibition
freely	horizontal	initiate
friction	hormone	initiation
fringe	hydrogen	inject
fundamentally	identical	injection
fungus	identification	innate
fusion	ideology	insect
gauge	illusion	insert
generalization	immune	instability
generalize	impact	instinct
genetically	implicit	integral
genetics	importantly	integration

intensity	linguistic	methodology
intensive	linguistics	micro
interact	liter	mid
interestingly	liver	migrate
interface	locally	migration
interfere	locus	millimeter
intermediate	logical	mineral
interrupt	longitudinal	minimal
interval	loop	minimize
intervene	lump	minus
interviewer	lung	missile
invade	machinery	mobility
invasion	magnetic	modification
inversion	magnitude	mole
invert	mall	molecular
ion	manipulate	molecule
irrelevant	manipulation	momentum
irrigation	manual	monetary
jazz	manuscript	monkey
junior	marble	monopoly
justification	marginal	morality
kidney	marker	morphological
kilometer	marrow	morphology
lab	maternal	mortality
lateral	mathematical	motif
layout	matrix	motive
leaf	maximize	multi
lecturer	meaningful	multinational
legend	mechanic	multiply
legitimate	mechanical	mutation
leisure	media	myth
lever	mediate	naked
lexical	membrane	namely
liable	memorize	nasty
lifestyle	mentor	nationalism
lifetime	mercury	neat
likelihood	merge	necessity
likewise	messenger	neo
limb	metabolism	nest
linear	metaphor	neural

neuron	overlap	pole
neutral	overview	politically
nicely	oxidize	portfolio
niche	oxygen	portray
nitrogen	painful	portrayal
noble	par	positively
node	paradigm	poster
noisy	paradox	postgraduate
nominal	parameter	potassium
non	parcel	powder
nonetheless	pardon	practitioner
nonlinear	parental	pragmatic
norm	parenthesis	pre
notation	partial	precede
novice	partially	precipitate
nucleus	particle	precipitation
null	partition	predator
numerical	pathway	prediction
nutrient	peasant	predominantly
objection	periodic	prejudice
obscure	peripheral	preliminary
observer	pest	presume
obtain	pesticide	prevalence
occupation	phenomenal	prey
occurrence	philosopher	primer
offspring	philosophical	primitive
onset	phonological	probe
onwards	phosphate	problematic
optical	photographic	processor
optimal	physically	productive
optimum	physician	productivity
oral	physics	profound
organ	physiological	progression
organism	pi	progressive
orient	planner	projection
orientation	plantation	prominent
oscillation	plausible	pronounce
outer	plug	proposition
outlet	plural	protocol
overhead	polar	proton



psychiatric	reliability	sensation
psychologist	render	sensible
psychology	repertoire	sensitivity
publish	replacement	sensory
pulse	replicate	separately
punch	replication	separation
punish	reproduce	sexuality
punishment	reproduction	shallow
purely	republic	shortly
puzzle	resemble	shuttle
qualitative	reservoir	similarity
quantitative	residual	simplify
quantum	residue	simulate
questionnaire	resistant	simulation
quiz	respiratory	simultaneously
quotation	retrieve	sin
rack	revolutionary	singular
radar	rewrite	sketch
radiation	rhetoric	skip
radius	rhythm	slab
rainfall	ridiculous	slash
randomize	ritual	slavery
randomly	robot	slot
rational	rope	snake
rationality	rotate	sneeze
ray	rotation	sniff
reactive	rub	socialize
reactor	ruler	socially
readily	scatter	sodium
realism	scenario	solar
realistic	scholarship	soluble
realm	scripture	solute
receptor	scroll	solvent
recipe	secrete	sometime
reconstruct	sediment	sophisticate
regime	selective	span
regression	semantic	spatial
rehabilitation	semester	specialty
reinforce	semi	specification
rejection	seminar	specimen

spectrum	swap	transcription
sperm	swell	transformation
sphere	sword	translation
splice	syllable	transmission
sponsorship	syllabus	transmit
spontaneous	symbolic	transparency
spray	syndrome	transplant
stabilize	syntactic	trauma
stack	syntax	treaty
stadium	synthesis	tremendous
stance	synthetic	triangle
standardize	systematic	tribe
static	tech	tricky
statistical	technically	trivial
statistically	temporal	tropical
statistics	tempt	tumor
stereotype	tense	turbulent
stimulus	terminal	tutor
straightforward	terminology	ultimate
strand	terribly	undergraduate
strategic	textbook	undermine
strictly	theorem	underneath
stripe	theorist	unemployed
sub	thereby	unify
subjective	thermal	unintelligible
subset	thesis	unity
substitution	thickness	unstable
substrate	thread	uplift
subtle	threshold	upward
subtract	thumb	urine
sufficiently	tolerance	usage
suicide	ton	utility
super	toxic	utilize
superior	tract	utterance
supposedly	traditionally	vague
surgeon	trait	valid
surgical	trajectory	validity
surplus	trans	valve
susceptible	transaction	variability
sustainable	transcribe	variance

variant  
vector  
vegetation  
vein  
velocity  
verbal  
vertical  
viable  
virtue  
vitamin  
vocabulary  
volition  
vowel  
watershed  
wavelength  
weave  
wheat  
whereby  
whichever  
whoever  
widespread  
wisdom  
workshop  
yeast

## Signal Words

### 1. Continuation Signals (Warning—there are more ideas to come.)

and	also	another	again	and finally
first of all	A final reason	furthermore	in addition	last of all
moreover	likewise	more	moreover	next
one reason	other	secondly	similarly	too
with				

### 2. Change-of-direction signals (Watch out—we're doubling back.)

although	but	conversely	despite	different from
even though	however	in contrast	instead of	in spite of
nevertheless	otherwise	the opposite	on the contrary	on the other hand
rather	still	yet	while	though

### 3. Sequence signals (There is an order to these ideas.)

first, second, third	A, B, C	in the first place	for one thing	then
next	before	now	after	while
into (far into the night)	until	last	during	since
always	O'clock	on time	later	earlier

### 4. Time Signals (When is it happening?)

when	immediately	now	lately	already
Little by little	at the same time	final	after awhile	once
during				

### 5. Illustration signals (Here's what that principle means in reality.)

for example	specifically	for instance	to illustrate	such as
much like	in the same way as	similar to		

### 6. Emphasis signals (This is important.)

a major development	it all boils down to	a significant factor	most of all	a primary concern
most noteworthy	key feature	more than anything else	a major event	pay particular attention to
a vital force	remember that	a central issue	should be noted	a distinctive quality
the most substantial issue	above all	the main value	especially important	the basic concept
especially relevant	the crux of the matter	especially valuable	the chief outcome	important to note
the principal item				

**7. Cause, condition, or result signals (Condition or modification coming up.)**

because	if	of	for	from
so	while	then	but	that
until	since	as	whether	in order that
so that	therefore	unless	yet	thus
due to	resulting from	consequently		

**8. Spatial signals (Answers the “where” question.)**

between	on	by	here	there
left	right	these	close to	near
this	side	middle	west	beside
east	about	north	south	around
over	under	away	in front of	across
into	behind	toward	beyond	above
below	opposite	upon	outside	upon
outside	inside	alongside	over	out
far	in	adjacent	near	next to

**9. Comparison-contrast signals (We will now compare idea A with idea B.)**

and	or	also	too	best
most	either	less	less than	more than
same	better	even	then	half
much as	like	analogous to	but	different from
still	yet	however	although	opposite
rather	while	though		

**10. Conclusion signals (This ends the discussion and may have special importance.)**

as a result	consequently	finally	from this we see	in conclusion
in summary	hence	last of all	therefore	

**11. Fuzz signals (Idea not exact, or author to positive and wishes to qualify a statement.)**

almost	if	looks like	maybe	could
some	except	should	alleged	nearly
might	reputed	seems like	was reported	purported
sort of	probably			

**12. Non-word emphasis signals**

exclamation point (!)	<u>underline</u>	<i>italics</i>	<b>bold type</b>	subheads, like <u>The Conclusion</u>
indentation of paragraph	graphic illustrations	numbered points (1,2,3)	very short sentence: Stop War.	“quotation marks”

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