Teaching Vocabulary Across the Content Areas in Grades 6-12: Strategies That Work

November 14, 2018 9:00 AM – 2:40 PM Richmond Hill High School

Nancy Cloud, Ed.D.
Professor Emerita, M.Ed. In TESL Program
Rhode Island College and Hofstra University
nancycloud2@gmail.com

Plan for the Day:

- Review the Research on Vocabulary Development
- Types of Words to Teach: Content Area Specific Academic Vocabulary and General or Cross-Academic Academic Vocabulary
 - ❖ Provide Subject-Specific Academic Word List
 - Introduce the Academic Vocabulary List-AVL (Davies and Gardner, 2013) and Word Zone Word List (Hiebert) and Apply Them
- Selecting Vocabulary to Teach

Plan for the Day:

- Getting Words and Their Meanings In
- Giving Practice to Help Students Retain Words; Make them Part of their Vocabulary Repertoire
- Practice Research-based Methods for Vocabulary Learning with Content Area Texts
- Going Beyond Vocabulary: Advancing Language Complexity

A Word About Handouts

We have made copies of materials you need during the workshop to participate in the planned activities

You will be given access to the PowerPoint after the workshop so that you can have access to all other slides should you wish to review or reproduce any of them or link to the URLs provided.



Research on Vocabulary Development



Important Research Findings

- Teaching vocabulary can improve reading comprehension for both native English speakers (Beck, Perfetti, & McKeown, 1982) and English Language Learners (Carlo et al., 2004)
- Vocabulary difficulty strongly influences the readability of text (Chall & Dale, 1995; Klare, 1984)
- Adequate reading comprehension depends on a person already knowing 90-95% of the words in a text (Nagy & Scott, 2000)

95-98% Vocabulary Threshold for Basic Reading Comprehension

Dee Gardner, RITELL Conference, Fall 2015

When we are,	When we are
I that your of the	today, I that your
	of the facing
will be	language will be
*,	forever,
with to the	with to the
	betweer
between	reading and
and	vocabulary
44% Word Knowledge	63% Word Knowledge

When we are finished today, I hope that your view of the challenges facing second language learners will be changed forever, especially with regard to the ------relationship between reading abilities and vocabulary knowledge.

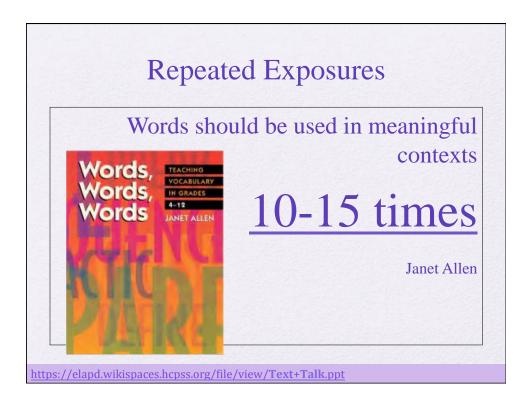
97% Word Knowledge

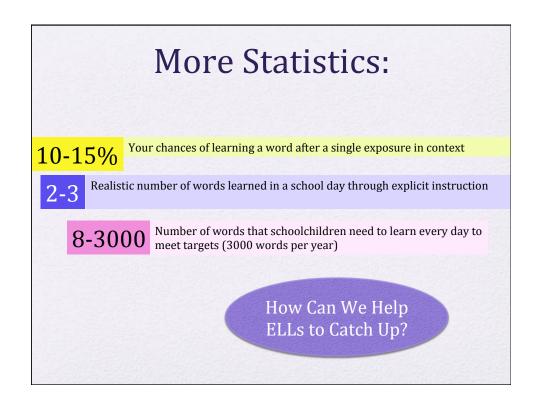
Dee Gardner, RITELL Conference, Fall 2015

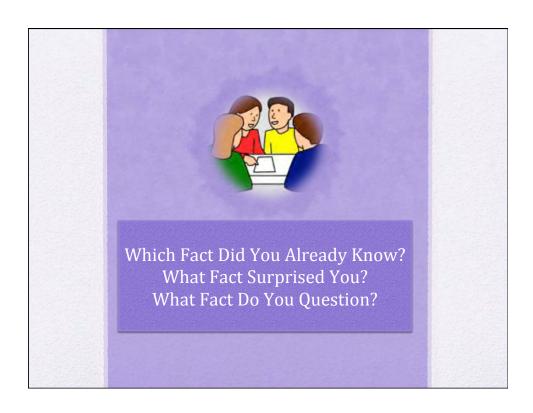


Important Research Findings

- Most kids need to encounter a word at least 12 times before they know it well enough to improve comprehension (Biemiller; Nagy & Anderson)
- Children at age 6 are expected to have a spoken vocabulary of 6,000 words (Cairns, 1996). By the eighth grade, students have a reading vocabulary of 25,000 words. By the end of high school students have a reading vocabulary of 40,000 words (Nagy and Herman, 1987).







What is a word?



For Graves:

A word is the basic word and all its inflected forms (therefore, a word family)—want, wants, wanted, wanting; documents, documented, undocumented, documenter, etc.

And it also refers to all the different meanings of the same graphic form: key—door key

key—musical term key—a small island

Michael Graves Vocabulary Researcher 1980's to the Present



Productive vs. Receptive Word Knowledge

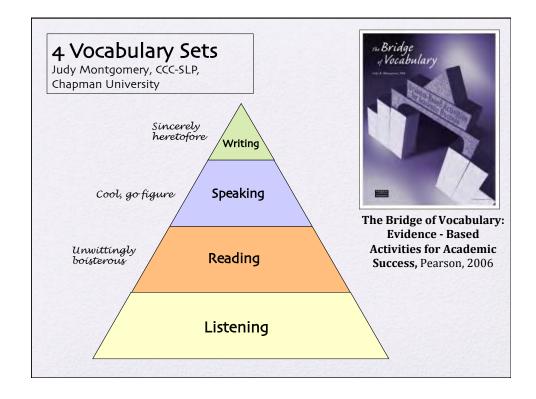
- Productive/ Expressive (active) vocabulary includes words we are able to use when we speak/write
- Receptive (passive)
 vocabulary includes words that
 we recognize when
 we hear/see them

Michael Graves, Ph.D. 2006

Thus, each of us has four different vocabularies:

- Words we understand when we hear them (receptive/ oral)
- Words we can read (receptive/written)
- Words we use in our speech (productive/oral)
- Words we use in our writing (productive/written)

Graves, August & Mancilla-Martinez, 2013, pg. 10-11





Word Knowledge

- Unknown the word is completely unfamiliar to the student and its meaning is unknown
- Acquainted the word is somewhat familiar;
 the student has some idea of its basic meaning
- **Established** the word is very familiar; the student can immediately recognize its meaning and use the word correctly

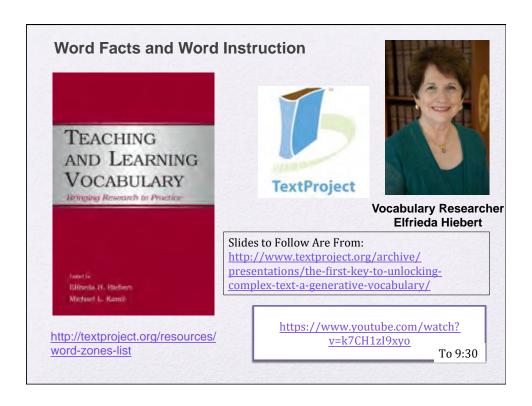
Michael Graves, Ph.D. 2006



Types of Vocabulary Instruction

- Direct Vocabulary Learning refers to intentional and explicit teaching of specific words and word-learning strategies
- Indirect Vocabulary Learning- refers to word learning that occurs incidentally through experiences with oral language and wide reading

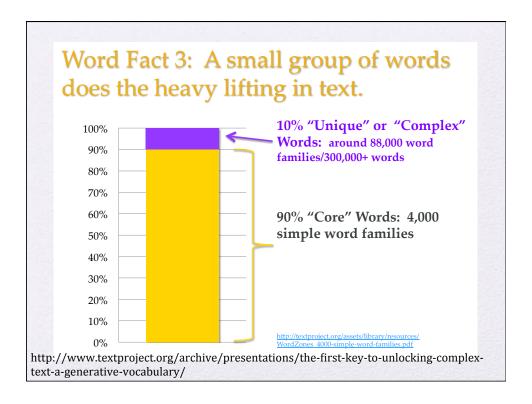
Michael Graves, Ph.D. 2006



Elfrieda Hiebert: Word Facts and Generative Word Strategies www.textproject.org http://textproject.or

http://textproject.org/assets/library/powerpoints/ Hiebert-2014-02-08-A-Generative-vocabulary.pdf

SUMMARY			
Vord Facts	Generative Word Strategies		
. More rare words in texts han talk.	1. Teach students to expect new words in texts.		
. Many more English words han school time.	2. Expose students to many topics & use of context		
. Small group of words does eavy lifting in text.	3. Teach multiple uses of words.		
. Words are part of families.	4. Teach words in families.		
. Networks in narratives are ets of synonyms.	5. Teach networks of similar- meaning words in stories.		
. Networks in informational exts are topical.	6. Teach networks of concepts in topics.		
. Concrete words are learned aster than abstract ones.	7. When possible, teach new concepts with pictures.		



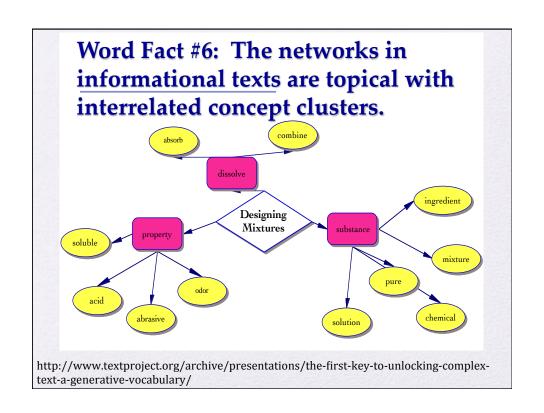
Word Fact 4: Words are part of families.

- relate
- interrelated
- interrelation
- relatedrelates
- correlate
- relating
- correlation
- relation
- relations
- relatedness

- relationship
- interrelationship
- · age-related

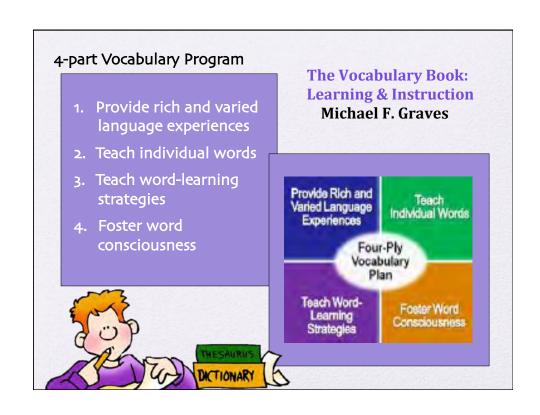
http://www.textproject.org/archive/presentations/the-first-key-to-unlocking-complex-text-a-generative-vocabulary/

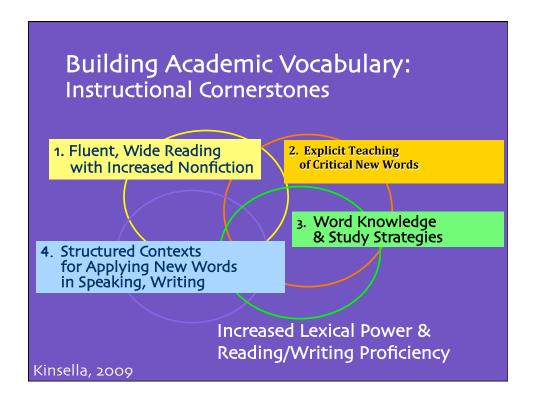
in <u>narrative</u>	Story Word	Beyond Story
texts are	amazed	enchanted enthralled
synonyms	fascinated	spellbound captivated
related to	marveled	transfixed
story elements	baffled	confused mystified
(e.g., traits,	bewildered	perplexed confounded
actions, and	stumped	
emotions of characters).	Words to Aid Re	Webs of Useful, Related eading Comprehension Abilities (Word Use)



Word Facts	Generative Word Strategies
1. More rare words in texts than talk.	1. Teach students to expect new words in texts.
2. Many more English words than school time.	2. Expose students to many topics & use of context
3. Small group of words does heavy lifting in text.	3. Teach multiple uses of words.
4. Words are part of families.	4. Teach words in families.
5. Networks in narratives are sets of synonyms.	5. Teach networks of similar-meaning words in stories.
6. Networks in informational texts are topical.	6. Teach networks of concepts in topics.
7. Concrete words are learned faster than abstract ones.	7. When possible, teach new concepts with pictures.

text-a-generative-vocabulary/

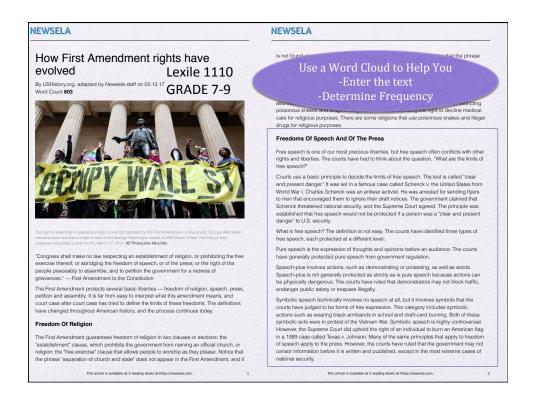




How do I choose words to slow map?

- Is understanding the word important to understanding the selection?
- Can students use context or structural analysis skills to discover the word's meaning?
- Can working with this word further student's word learning skills?
- Transferability? How useful is the word? (frequency of use; importance to subject; likelihood appearance on statewide tests)



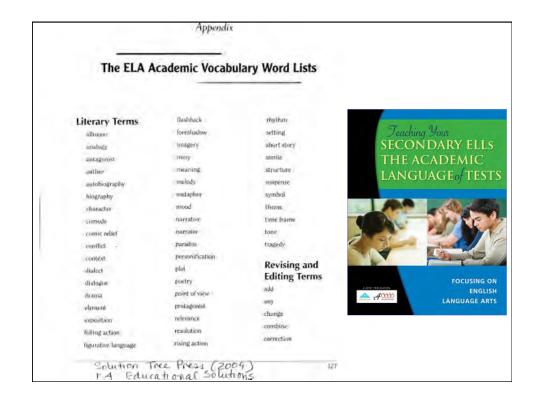




		VOCABULAR	Y IN CONTEXT	
word	I recognize it in context. I think it has something to do with	I have never seen the word before, so to learn about it I will	I have heard of the word, but I don't know what it means. To undenstand it, I am going to	I know the word it means
court				
case	(600) 600 600 600 (600) 600 600 600 600 600 600 600 600 600	e Words Go Here, Assess to Determine		
demonstra	Which N	eed to Be Taught		
liberties				
protest				
security				16536731453
supreme		Dete	rmine Words to '	Teach
symbolic		Base	d on a Pre-Asses:	sment
			of Your Students	

Follow the Guidelines 1. Is understanding the word important to understanding the selection? 2. Can students use context or structural analysis skills to discover the words meaning? (leave out if so) 3. Can working with this word further students word learning skills? 4. Transferability? How useful is the word? (frequency of use; importance to subject; likelihood of appearance on statewide tests)





	andary ELLs the Assistant Language of Tests: Focu	(Z		The ELA Academic Vecalulary Ward Lists	129
proid	ewitch	deconstruct	inference	prediction	Purpose for Reading
delete	transition	deduction	influence	prefix	to appreciate a writers
document		denotation	interpret	realism	to be entertained
draft:	Reading Terms	derivation	journal	relevant	
editing	advertisement.	dialogue	Uterary	reread	to be informed to discover
effective.	amalogy	diary	Nierature	resource	to discover module in use
fill in	antonym	dictionary	logical	résponse	to enjoy
follow	background	discussion	logical fallacies	review	to find out
idea	bias		main idea	revolutionary	to interpret
improve	cause and effect	documentary	map	romanticism	to solve problems
improvement	Characteristic	drame	meaning.	root	to take action
	chart	edit	media	scan	to understand reference
insert	chronological order	editorial	mentoranda	skim	to programma jumpiros
iogically	cite	faulty	mode	speech -	Writing Terms
made	chase:	figurative language	motivation	story	abstract (noun)
MONE	colonial	film	multiple-meaning word	strategy	audience
organization		generalization	narrator	study guide	
yapen	company and corress	gerure	raturalism	suffix	Author's Purpose
paregraph	comprehend	glittering generalities	пенарирет	summarize	16-compare
passage	conclusion	glossary	novel	supporting details	to describe
review	connotation	graph	organization	synonym	to widertain
TEVISE	contemporary	graphic organizer	publine (verb)	syntax	to express
revising	context	heading	period	thesaurus	to influence
revision	craft	historical context	periodical	vocabulary	to inform
renrite	credibility	homonym	periodicai	word origin	to persuade
mugh draft	critique	idealism	portry	were origin	body
entence	culture	idiom	precolonial		capitalization
stroutd	database		presumana		Capital Manual VIII
	deceptive	index			
Troquit		induction			

Tracting Your Second	iry ELLs the Academic Language of Tests	Fricising on Language in English Language Arts		The EEA Academic Vacabulary Word Lists	131
clarity	ontanisation	Voice	element	print ad	Test Question
coherent.	parallelism	word choice	engage.	product	Vocabulary
compose	persuasive:		entertaining text	production	actions
composition	play	Viewing and	esamine	property	affect
conclusion	poem	Representing	avaluate	purpose	agree
content	prewriting	Terms	event	questionnaive	Enswer
enoventions	procedure	ad campaign	feedback form	reaction shots	арриал
ireali:	process	advertisement	Over	reality	attitude
depth	proofread	analysis	generalization	reflect	good
draft	publish	attitude	genre	relationship	besides
edit	punctuation	audience	group discussion	represent	best
ellipses	purpose	camera angles	idea	теаропак.	Ebioose
essay	reflective	communicate	informative text	sequencing	compare
consider	report	compare	Internet	shape	concept
evidence	response	construct	interpret	significance	conclude
general	résamé	content	investigate	source	convey
Erammär	revise	contrast	tine:	special effects	convince
extroduction	sentence	convey	main idea	specific	definition
talies	MINISTER	coverage	media	technique	describe
literary	specific	critique	message	technology	description
osseal argument	spilling	culture	music	television	develop
logical progression	stary	deconstruct	news magazine	texhire	dischise
named of style	Mruciture	design	newspaper	unique	drawing
2	style	distinguish	nightly news	video	effective
merhanics.		documentary	perception	video adaptation	entry
nemo	миниату	editing.	photograph	view	experience (noun)
sarratné	supporting idea	editorial	political campaign	visual representation	experience (verb)
ccanon	thesis	effect	presentation	web page	explain
pinion	topic		111		
					There are
					more

Science, Social Studies and Mathematics Academic Word Lists

Sample Vocabulary Terms
Prepared by Marzano Research Laboratory
May, 2009

Table of Contents
LANGUAGE ARTS LOWER ELEMENTARY
LANGUAGE ARTS UPPER ELEMENTARY
LANGUAGE ARTS MIDDLE SCHOOL/JR. HIGH SCHOOL
LANGUAGE ARTS HIGH SCHOOL
MATHEMATICS LOWER ELEMENTARY
MATHEMATICS UPPER ELEMENTARY
MATHEMATICS MIDDLE SCHOOL/JR. HIGH SCHOOL27
MATHEMATICS HIGH SCHOOL32
SCIENCE LOWER ELEMENTARY
SCIENCE UPPER ELEMENTARY
SCIENCE MIDDLE SCHOOL/JR. HIGH SCHOOL44
SCIENCE HIGH SCHOOL
SOCIAL STUDIES LOWER ELEMENTARY55
SOCIAL STUDIES UPPER ELEMENTARY
SOCIAL STUDIES MIDDLE SCHOOL/JR. HIGH SCHOOL
SOCIAL STUDIES HIGH SCHOOL

Click on Marzano Research Laboratory List Scan the list for your subject and grade level Are there words on the list you want to teach?

Mathematics High School		Science High School	
Absolute error	Absolute function	Abiotic/abiotic components	Atomic reaction
Absolute value	Combination	Accelerator	Atomic theory
Acceleration	Completing the square	Acid/base reactions	Atomic weight
Add radical expressions	Complex number	Active transport	Avogadro's hypothesis
Addition counting procedure	Complex conjugates	Actual mass	Bernoulli's principle
Algebraic function	Compound event	Advection	Big Bang Theory
Angle of depression	Compound interest	Age of the universe	Biochemical characteristic
Arc	Conditional probability	Albert Einstein	Biological adaptation
Area under curve	Confidence interval	Alfred Wegener	Biological evolution
Asymptote of function	Conic section	Allele	Biological molecule
Base e	Conjugate complex number	Alternation of generations	Biomolecule
Binary system	Continuity	Amino acid sequence	Biotic
Bisect	Continuous probability distribution	Analogous structure	Body plan
Bivariate data	Control group	Anatomical characteristic	Break down of food molecules
Bivariate data transformation	Correlation	Antoine Lavoisier	Buoyancy
Bivariate distribution	Cosine	Atmospheric cycle/atmospheric change	Carbon
Cartesian coordinates	Critical paths method	Atomic bomb	Carbon atom
Categorical data	Curve fitting	Atomic bonding principles	Carbon cycle
Central angle	Curve fitting median method	Atomic configuration	Carbon dioxide
Central limit theorem	Decibel	Atomic energy	Catalyst
Chord	Density	Atomic mass	Cell function
Circle without center	Dependent events	Atomic motion	Cell membrane
Circular function	Derivation	Atomic nucleus	Cell nucleus
Classes of functions	Dilation of object in a plane	Atomic number	Cell organelle
	32		

Tennessee Academic Vocabulary A Guide for Tennessee Educators



Tennessee Department of Education

Timothy K. Webb, Commissioner July, 2006 Revised: December, 2007 Revised: July, 2009 Tennessee Academic Vocabulary: A Guide for Tennessee Educators

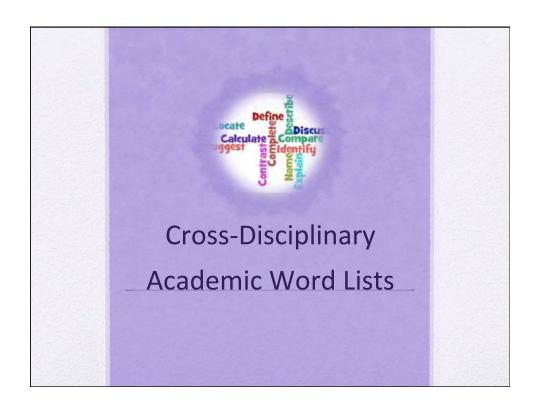
TNAV

Tennessee Department of Education

Timothy K. Webb, Commissioner July 2006 Revised July 2009

Table of Contents

Overview	:
Terms and Phrases by Grade/Course within subject Area	:
How the Terms and Phrases Were Identified	4
How to Teach the Terms and Phrases	
Final Comments	1:
Appendix A - Language Arts Word List	1-
Appendix B - Mathematics Word List	1
Appendix C Science Word List	2
Appendix D - Social Studies Word List	2
References	3:
Contributors	3-
Revision Committee	31





Elfrieda Hiebert= 2,500 Word Families (Word Zones 4,000 words)

Dee Gardner=Academic Vocabulary List; 3,000 Word Families

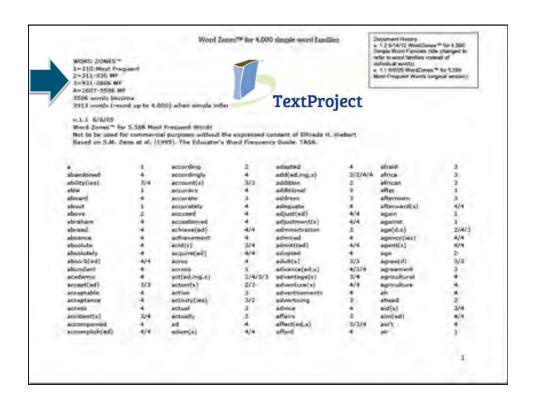
Generative Word Instruction Examples:

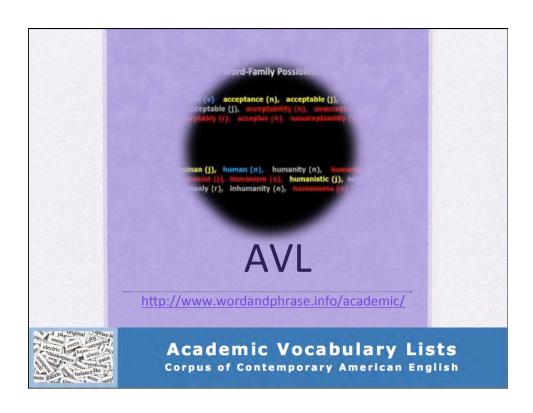
speak, speaks, speaking, spoken, speaker

work, works, working, worked, worker

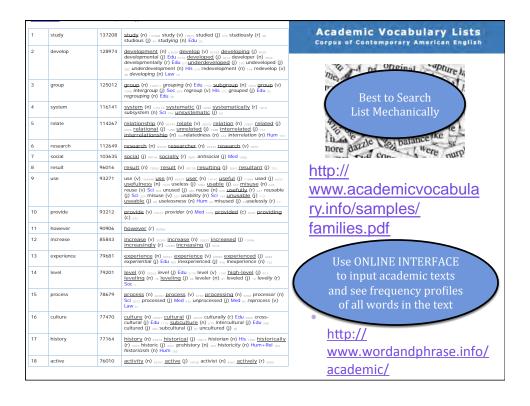
hamly, familiar, unfamiliar, familiarity, familiarize

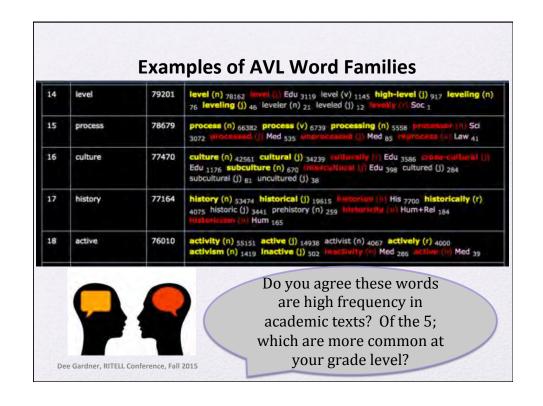
happy, happily, happiness, happier, unhappy





Acade	emic Vocabulary Levels (Ne	ew Approach)
Academic Core (AVL)	Discipline Core	Discipline Technical
Cross-Discipli	ne Discipline-Specific from General Core	Discipline-Specific
Multi-Disciplinary	Words Science*	Science
study (n)	star (n)	genome (n)
group (n)	species (n)	grovitational (j)
system (n)	plant (n)	reactor (n)
social (i)	scientist (n)	estination (n)
provide (v)	surface (n)	watershed (n)
however (r)	earth (n)	supernova (n)
research (n)	software (n)	aquatic ())
level (n)	forest (n)	photon (n)
result (n)	sun (n)	ierrestrial (1)
include (v)	fish (n)	taritude (n)
important (i)		polar (I)
process (n)	temperature (n)	composting (i)
use (n)	soil (n)	Jarva (m)
development (r		stellar (I)
data (n)	fuel (n)	hiomani (n)
information (n		neutron (n)
effect (n)	universe (n)	light-year (n)
change (n)	sky (n)	geometry (n)
table (n)	file (n)	neutrino (n)
policy (n)	drive (n)	thenmosome (n)
rdner, RITE <mark>LL Conference, Faw (19</mark>)		geological (I)
model (n)	moon (n)	ful returbuctures





NEWSELA

How First Amendment rights have Lexile 1110

By USHistory.org, adapted by Newsela staff on 02.13.17 $GRADE\ 7-9$ Word Count 803



*Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble, and to petition the government for a redress of grievences: — First Amendment to the Constitution

The First Amendment protects several basic liberties — freedom of religion, speech, press, petition and assembly. It is far from easy to interpret what this amendment means, and court case after court case has tried to define the limits of these freedoms. The definitions have changed throughout American history, and the process continues today

The First Amendment guarantees freedom of religion in two clauses or sections: the 'establishment' clause, which prohibits the government from naming an official church, or religion; the 'fee exercise' clause that allows people to worship as they please. Notice that the phrase 'separation of church and state' does not appear in the First Amendment, and it

NEWSELA

is not found anywhere else in the Constitution. Most people do not realize that the phrase was actually made up later by Thomas Jefferson. In 1902, when he was president, he wrote that the First Amendment's freedom of religion clause was designed to build 'a wall of separation between Church and State.'

There have been court cases on the subject of freedom of religion. They deal with re Inter have been court cases on the subject of freedom of religion. They deal with rejecting prayer in public schools and denying government financial ald to religious schools. They also include barning polygamy (the practice of having more than one spouse), restricting poisonous snakes and drugs in religious services and limiting the right to decline medical care for religious purposes. There are some religions that use poisonous snakes and illegal drugs for religious purposes.

Freedoms Of Speech And Of The Press

Free speech is one of our most precious liberties, but free speech often conflicts with other rights and liberties. The courts have had to think about the question, "What are the limits of

Courts use a basic principle to decide the limits of free speech. The test is called "clear Courls use a base principle to decide the limits of tree speech. The test is called "clear and present drange": It was set in a famous case called Schenck v. the binlied States from World War I. Charles Schenck was an antiwar activist. He was arrested for sending filters to men that encouraged them to ignore their draft notices. The government claimed that Schenck threatened national security, and the Supreme Court agreed. The principle was established that free speech would not be protected if a person was a "clear and present danger" to U.S. security.

What is free speech? The definition is not easy. The courts have identified three types of free speech, each protected at a different level:

Pure speech is the expression of thoughts and opinions before an audience. The courts have generally protected pure speech from government regulation.

Speech-plus involves actions, such as demonstrating or protesting, as well as words. Speech-plus is not generally protected as strictly as is pure speech because actions can be physically dangerous. The courts have ruled that demonstrators may not block traffic, endanger public safety or trespass illegally.

Symbolic speech technically involves no speech at all, but it involves symbols that the courts have judged to be forms of free expression. This category includes symbol courts have judged to be forms of free expression. This category includes symbolic actions such as wearing black armands in school and draft-ard burning. Both of these symbolic acts were in protest of the Vetnam War. Symbolic speech is highly controversial. However, the Supreme Court did uphold the right of an individual to burn an American flag in a 1980 case called Taxas v. Johnson, Many of the same principles that apply to freedom of speech apply to the press. However, the courts have ruled that the government may not censor information before it is written and published, except in the most extreme cases of national security. national security.

AVL Words (9)

- Govern(ment)⁴⁵³
- Rule¹⁹⁶³
- Constitute(ion)³⁹⁶
 Involve¹³⁴
- Activist (active)¹⁸
- Rights¹⁰⁷⁷
- Security (secure)¹¹⁵²
- Protect²⁹⁰
- Limit¹⁰⁵

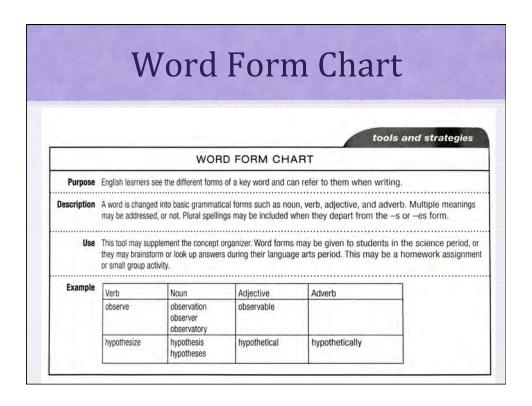
In Expository Text, The AVL Related to the Topic

For Any Type of Text (Fiction; Non-Fiction) Select an AVL Word Family to Teach

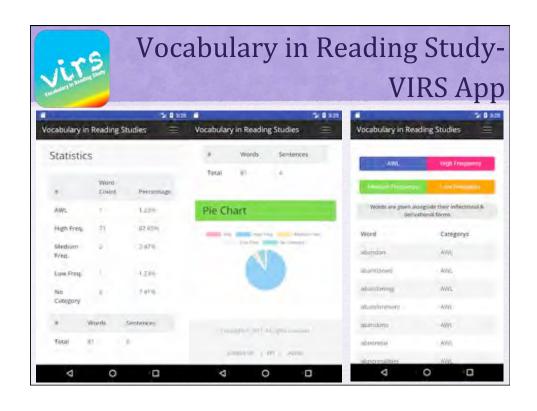
- Active: activity, actively, activism, inactive, inactivity
- Protect: protection, protective, protected, protector, unprotected, protectionism, protectionist, protectively, protecting

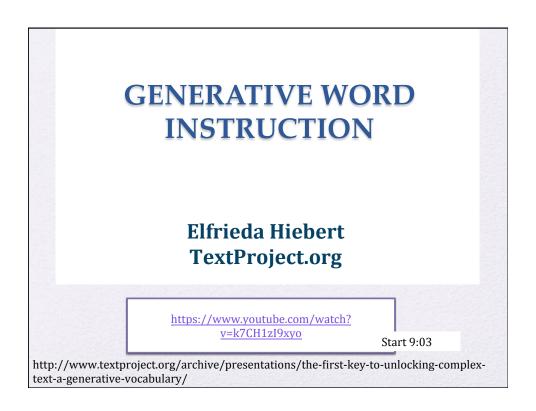
https://steinhardt.nyu.edu/scmsAdmin/media/
users/atn293/academic_vocabulary_list.pdf

Noun-Making Suffixes	Verb-Making Suffixes	Adjective-making suffixes
-ment	-ate	-acious,icious
-ness	-ify	-у
-ation, sion	-ize	-ous, ious
-ity		-ant
-ism		-able, ible
-hood	Which of	-er; est
-itude	These Can Be Added to Your	
-ence	6-8 Target	Adverb-making suffix:
-ance	Words?	-ly
-ide		









Generative Word Strategy #1:

 Teach students to anticipate that complex texts will have many new words and that their generative word knowledge will assist them in figuring out new words.

Teach them to NOTICE and CAPTURE new words (vocabulary notebooks, cards) *Graves Concept of "Word Consciousness"*

http://www.textproject.org/archive/presentations/the-first-key-to-unlocking-complex-text-a-generative-vocabulary/

Generative Word Strategy #2

 Expose students to many new topics and the vocabulary associated with those topics, including "stories" about how words work and their histories.

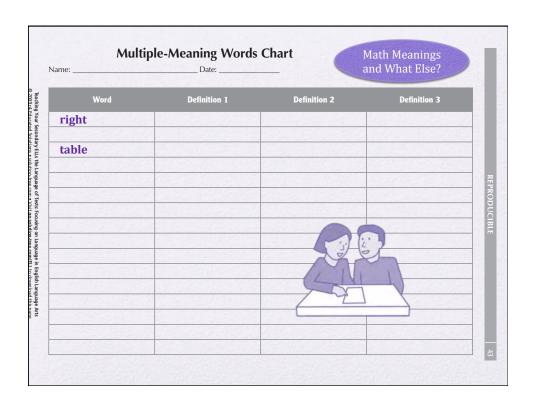
> Newsela.com ReadWorks.org

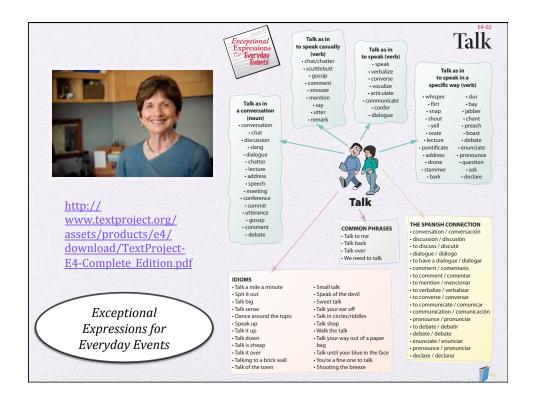
Developing Bodies of Vocabulary around Key Topics

Generative Word Strategy #3

- Teach students about the multiple uses of many words
 - Multiple meanings
 - Multiple parts of speech
 - Multiple uses of phrases and idioms

http://www.textproject.org/archive/presentations/the-first-key-to-unlocking-complex-text-a-generative-vocabulary/

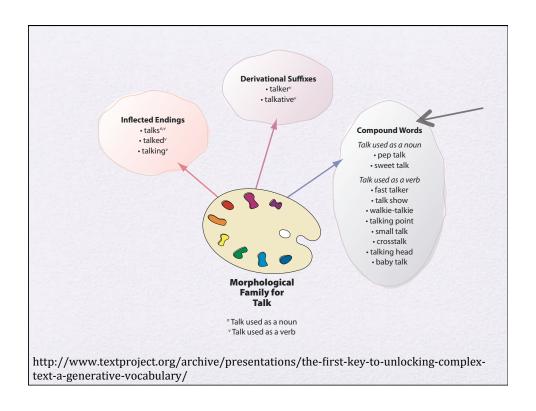


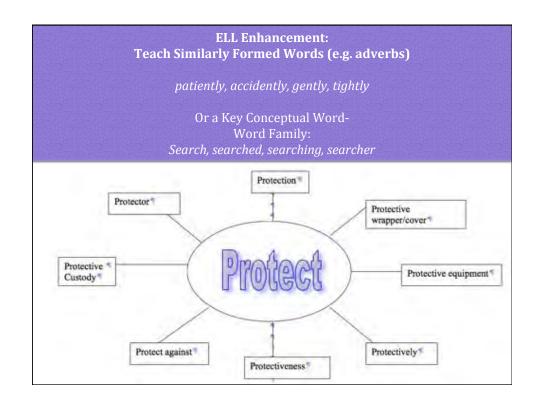


Generative Word Strategy #4:

- Teach students words in families, not just single words.
 - Attend to compounding as well as inflected endings (i.e., ed, ing, s, 's', er, est) and derivatives (i.e., prefixes and suffixes)

http://www.textproject.org/archive/presentations/the-first-key-to-unlocking-complex-text-a-generative-vocabulary/





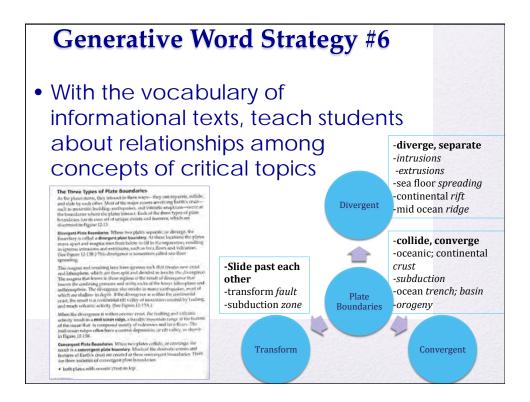
Generative Word Strategy #5

 Teach students about the rich networks of similar-meaning words from which authors of narratives choose words for traits/attributes, emotions, motion, and communication.



Story Word	Beyond the Story
conceal	cover, mask, obscure, keep secret
stagger	wobble, lurch, teeter
drench	immerse, soak, saturate, inundate
Accuse	allege, blame, charge, implicate, indict, prosecute
glance	glimpse, peek, eye, look, view

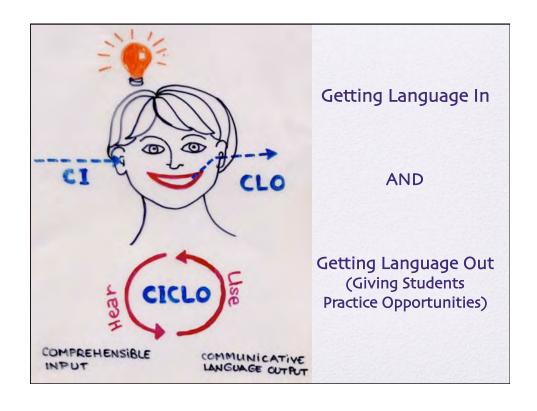
http://www.textproject.org/archive/presentations/the-first-key-to-unlocking-complex-text-agenerative-vocabulary/



Generative Word Strategy #7 • When appropriate, introduce new concepts with pictures and illustrations. Mantle (man·tle) Magma (mag·ma) http://www.textproject.org/archive/presentations/the-first-key-to-unlocking-complex-text-a-generative-vocabulary/



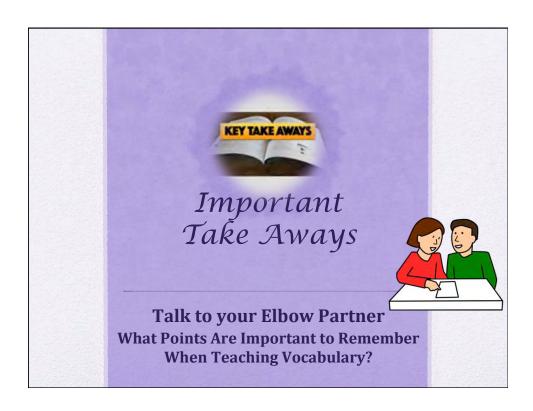




Watch and Remember: Colorin Colorado Video on Giving Practice Opportunities (5 mins.)

http://www.colorincolorado.org/classroomvideo/instruction-key-academic-vocabularyhigh-school-ells

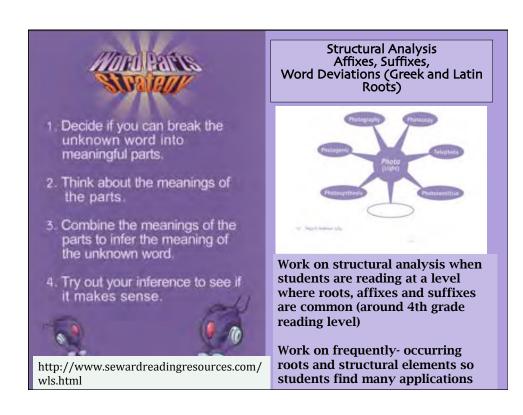
Moving Vocabulary from Students Receptive Systems to Active and Expressive Use Orally and in Writing



Direct Vocabulary Learning (vs. indirect)

Teach Word Learning Strategies

- 1. Learning and using word parts
- 2. Using context
- 3. Using glossaries and the dictionary
- 4. Using thesauruses
- 5. Recognizing and using cognates (for speakers of Romance Languages)



Affixes and Roots

Level 1/ **Elementary: Prefixes**

exprereundisnonimmismini-

maxi-

Level 2: Intermediate **Prefixes**

ex-

centpremillimegarepolyunmultidisomninontransimsemimisbiominigeomaxiecoLevel 3: High School **Prefixes**

pseudodemi-

mal-

photoendo-; ectonomproigpermunipericontrahemiphiloobbene-

www.amybenjamin.com

Common Word Roots for Academic

Subjects:

Basic:

-ject (to throw)

-port (to carry) -scrip, scribe (to write) -vert, vers (to turn) -pos, pon (to place)

-tract (to draw) -pel, pul (to drive) -struct (to build)

-grad, gress (to step) -plic, plex (to fold) -flic, flex (to bend)

-fic, fac (to make) -miss, mit (to send) -sid, sed (to sit)

-spec (to see) -voc (to call)

-dict (to say) -rupt (to break) Often combine with:

prosubreexobperdea-; ab-COconetransex-

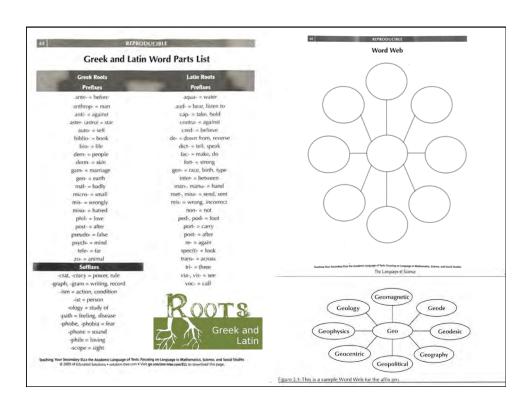
Often end with:

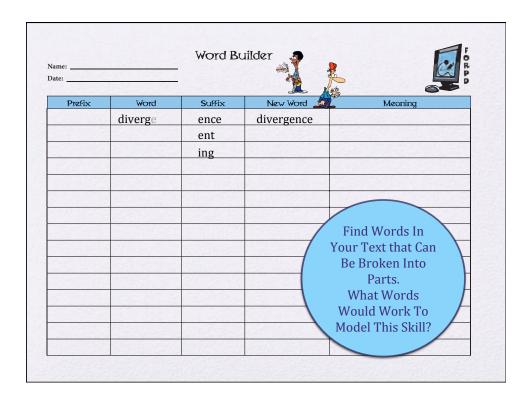
-ive -ation; sion -ate -able; ible -or

www.amybenjamin.com

Go Noodle: Prefixes, Suffixes

https://app.gonoodle.com/activities/wizardof-words







Here's a Poster For Your Classroom Use!

Context Clues

When you use clues in a story to figure out the meaning of a new word you are using context clues.



- Clues are in the same sentence as the new word and the sentences around it too.
- Clues can be found by thinking about how the word is used in the sentence.
- Clues can also be found by thinking about the main idea and details of the story.



Assembly Petition

Peace, Peaceable Lawful

Crime

Prevailed Balanced CONTEST

Disrupts; Disruptions

Traffic Flow

Apply Permit

Grant Officials

Theory Century

Instrument Sacred

Freedom Of Assembly And Petition

Freedom of assembly and petition are closely related to freedom of speech, and have been protected in similar ways.

Former Chief Justice Charles Evans Hughes wrote, "Peaceable assembly for lawful discussion cannot be made a crime." Generally, that point of view has prevailed.

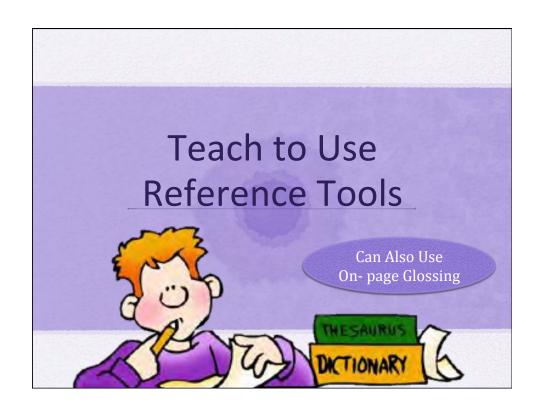
Freedom of assembly has to be balanced with other people's rights if it **disrupts** public order, traffic flow, freedom to go about normal life or peace and quiet.

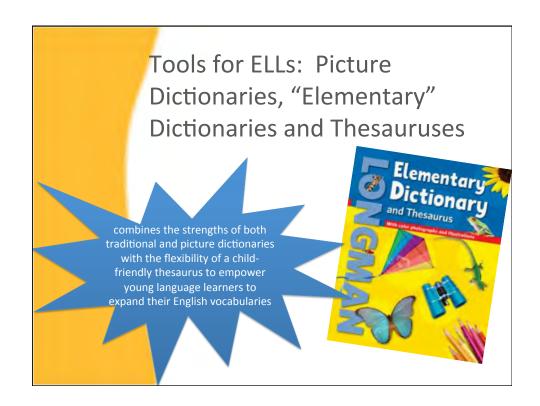
Usually, a group must **apply** for a **permit**. However, a government must **grant the permit** as long as officials are able to prevent major **disruptions**.

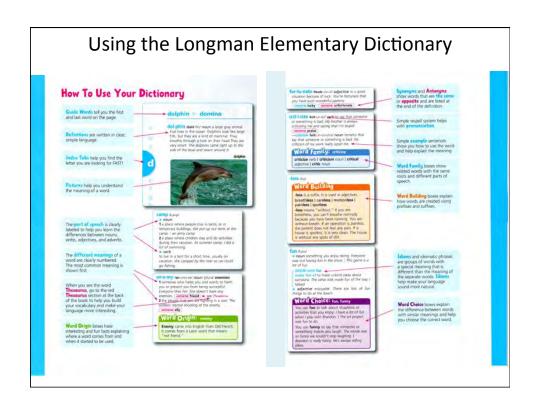
Where are the clues?

What helps detect the meaning?





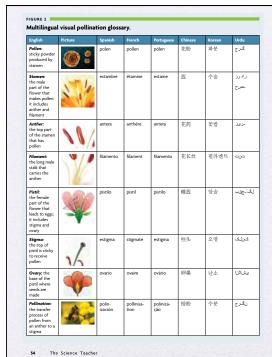












Science Teacher April/May 2013 By Yu Ren Dong

Yu Ren Dong
(yu.dong@qc.cuny.edu)
is a professor in the
Department
Of Secondary
Education and Youth
Services at Queens
College in Flushing,
New York.

- 1. Learning and using word parts
- 2. Using context clues
- 3. Using glossaries and the dictionary
- 4. Using thesauruses
- 5. Recognizing and using cognates (for speakers of Romance Languages)

Activity:

Choose two approaches to try with the vocabulary in your text.

Which approaches do you feel would work best?

Report to your partner.



Creating Definitions

that stick with students

Create Student-Friendly Definitions

- Characterize the word and how it is typically used.
- Explain the meaning in everyday language.



Characterize the word.

Tamper: you mess with something, if you tamper with something it might not work anymore, tampering is often done secretly to trick or harm someone

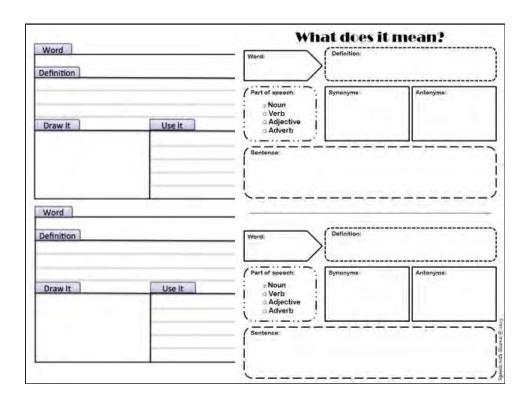
- ⊗Dictionary: to interfere in a secret or incorrect way (lacks the sense of messing u p something in possibly a sinister way)
- ★Student Friendly: to change something secretly so that it does not work properly or so that it could harm someone

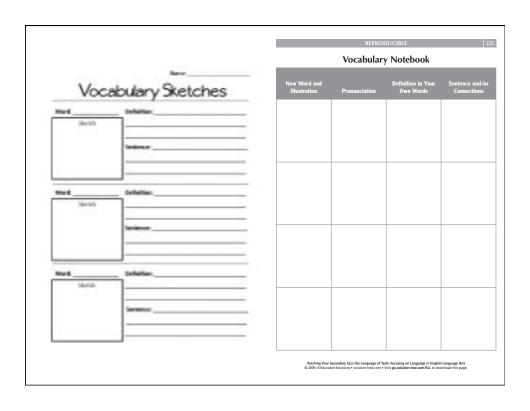
Explain meaning in everyday language. Allv:

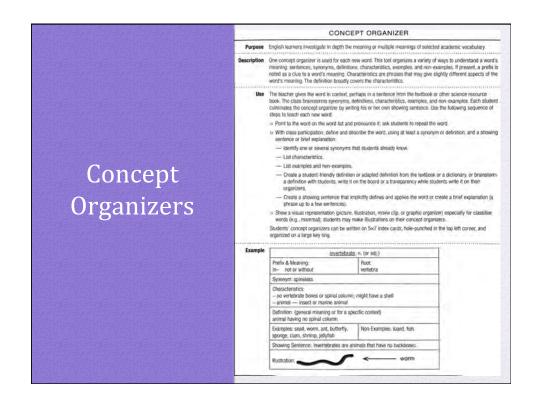
- ⊗Dictionary: one associated with another (How do we com municate the meaning of associated in student -friendly terms?)
- Student Friendly: someone who helps you in what you are trying to do, especially when there are other people who are against you.

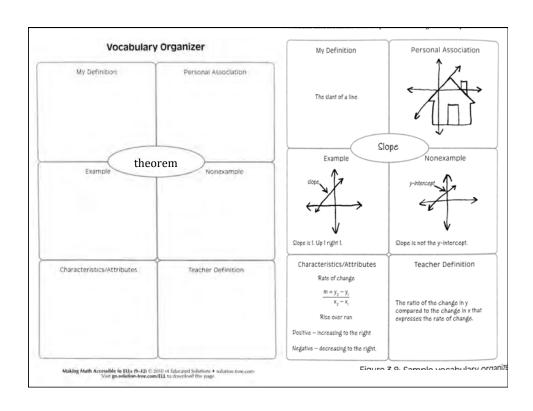
https://elapd.wikispaces.hcpss.org/file/view/Text+Talk.ppt

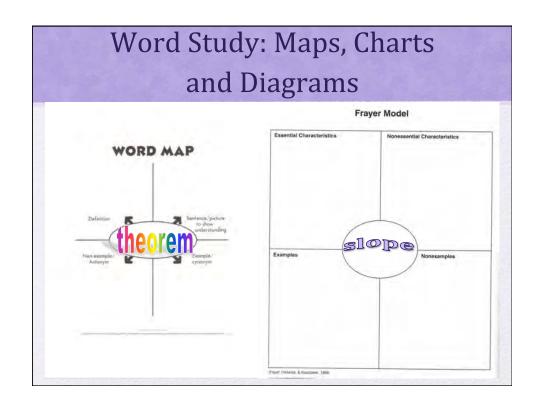
mand - A say to	GLOSSARY / ADVANCE ORGA		
Word / Term	What It Means / Picture		
molten magma	very hot, melted rock		
volcano	mountain made from molten rock coming from Earth's interior to the surface		
Earth's interior	below the crust there are layers of solid and melted rock and metal		
Name:		Period:	
esson Topic:			
esson Topic:			
esson Topic:	I am sure I know it — I am sure I		
esson Topic:+ Word (form)	I am sure I know it — I am sure I	don't know it ? I'm not After Vocabulary	After Content
Lesson Topic:+	I am sure I know it — I am sure I	don't know it ? I'm not After Vocabulary	After Content

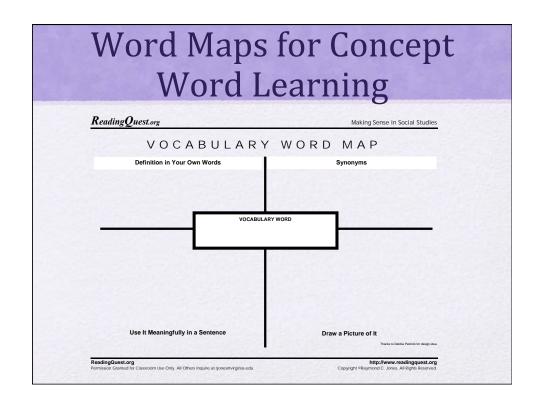


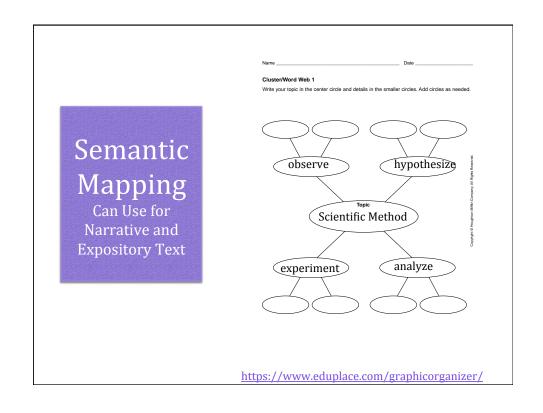














Target Vocabulary for Your Piece of Text?

Getting Language In

Flocabulary

Smart Songs

GoNoodle

Student/Teacher-Made Raps https://app.gonoodle.com/activities/water-cycle

Getting Language Out: Language Tables for Talking

Earth Science: Grade 6 Unit 2: Weather and Atmosphere

Weather Fronts	Warm Front	Cold Front
Air mass	unstable	stable
Temperature range	warm	cool/cold
Amount of Humidity	moist	drier

Reporting Back

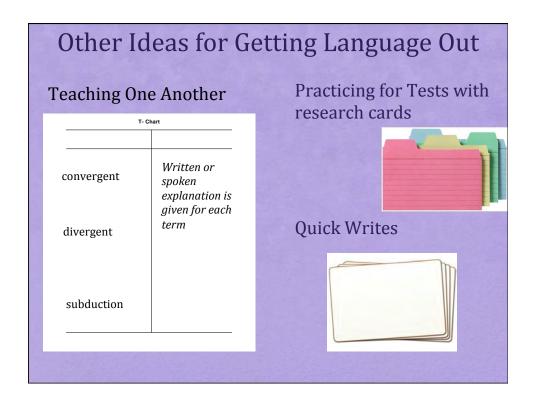


- Assign groups/pairs a task: question to answer; character to describe
- Tell them they will be reporting back
- Provide instructions for completing the task and time to perform the task



- Give them a specific time to verbally practice what they will report to the class
- Students "report back" with or without notes to support their presentation—

 Ensure that they use the target academic language



Advancing Student
Reading and
Writing: Working to
Advance
Language
Complexity





Let's See What Different Experts Have Said and then Summarize for Ourselves

What makes texts complex for ELLs when <u>reading?</u>



- Informational density
- Words with multiple meanings
- Lack prior knowledge about the topic
- Unfamiliar with sociocultural, historical context
- Unfamiliar with cultural expectations regarding:
 - Text structure/organization
 - Use of supporting arguments/evidence
 - Concise, precise language (refined terms)

(Bunch, Kibler, & Pimental, 2012; Quinn, Lee, & Valdes, 2012; Wong Fillmore, & Fillmore, 2012)



Low High Length ranges from a word to paragraphs Length ranges from a word to paragraphs No/little variation in words and/or phrases in · Some variation in words and/or phrases in sentences/paragraphs; consistent use of language sentences/paragraphs Repetition of key words/phrases/sentences · Repetition of key words/phrases/sentences introduces new or extends information reinforces information · Language is used to present critical/central details, Language is used to present critical/central details No/little abstraction; language reflects more literal/ but non-essential detail also is presented concrete information; illustrative language is used; · Some abstraction; language may or may not be used language is used to define/explain abstract information to define/explain abstract information; illustrative Graphics and/or relevant text features reinforce language may or may not be used; technical words/ critical information/details phrases are used • Graphics and/or relevant text features may or may not reinforce critical information/details

Language Demands and Complexity

©2008

Edynn Sato and Peter Worth Minneapolis, MN August 5, 2009

107

Language Complexity—Construction

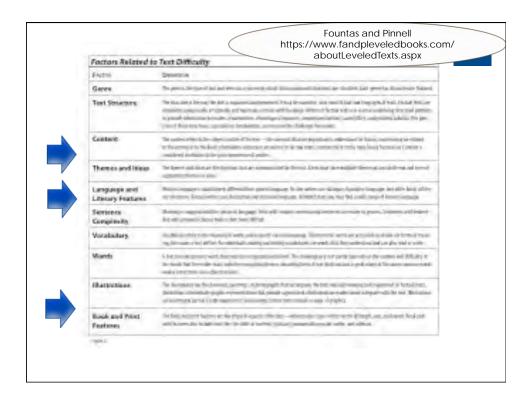
Simple Complex Some common/familiar words/phrases; some Mostly common/familiar words/phrases; no/few uncommon words/phrases, compound words, gerunds, uncommon words/phrases, compound words, gerunds, figurative language, and/or idioms figurative language, and/or idioms · Language is organized/structured · Language may or may not be organized/structured Mostly simple sentence construction · Varied sentence construction, including complex No/little passive voice sentence construction · Little variation in tense · Some passive voice · Mostly one idea/detail per sentence Variation in tense Mostly familiar construction Multiple ideas/details per sentence (e.g., 's for possessive; s and es for plural) Some less familiar/irregular construction Mostly familiar text features Some less familiar text features (e.g., bulleted lists, bold face) (e.g., pronunciation keys, text boxes)

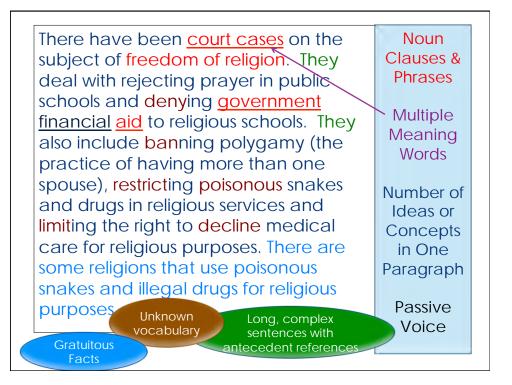
Language Demands and Complexity

©2008

Edynn Sato and Peter Worth Minneapolis, MN August 5, 2009

108







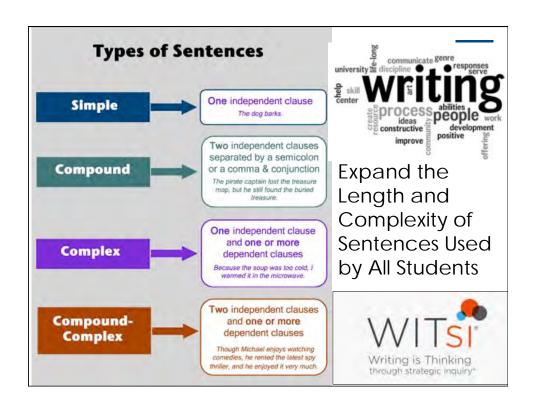


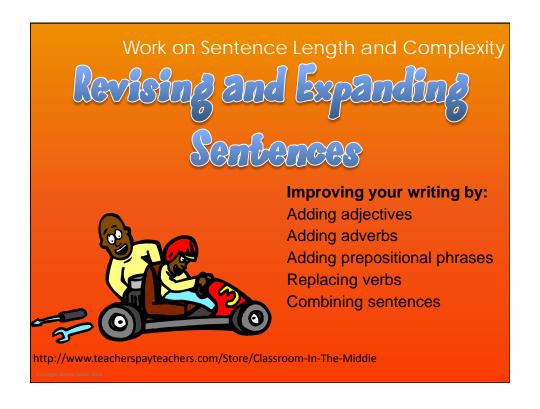
- Build background knowledge before during and after reading
- Frame the text to aid students in handling informational density (provide or jointly build outlines, graphic organizers)
- Teach multiple meaning words and expand vocabulary by teaching palettes of semantically related but precise-meaning words
- Ensure that students capture precise meanings of terms used
- Help "unpack" lengthy clauses and noun phrases (government financial aid, the interstellar medium of star forming galaxies; market efficiency mechanisms)
- Gain experience with major text organization patterns and styles of writing

Getting More
Complexity
Into Student's
Writing

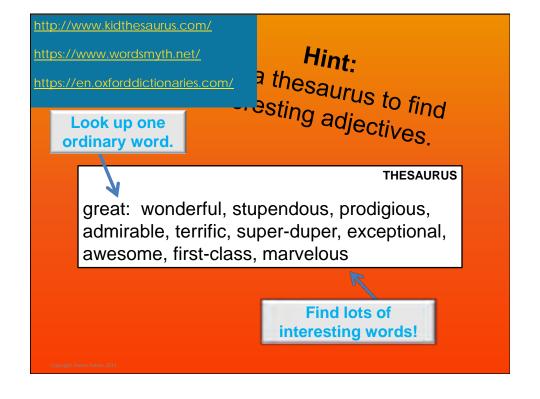
Help Learners With Difficult or Complex Language When Reading

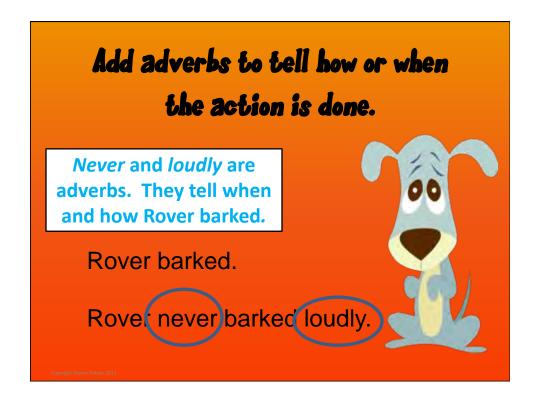
> Backward Build Up



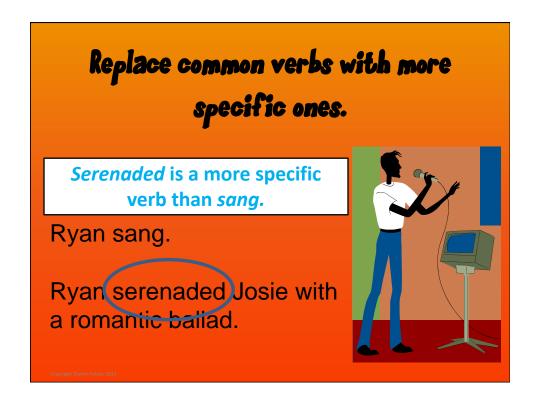


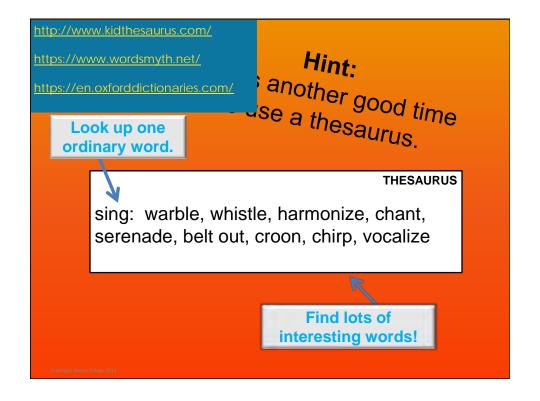














On my uncle's house is a prepositional phrase. It adds important information to the sentence.

The tree fell.

The tree fell on my uncle's house.

Copyright Sharon Fabian 201

Combine simple sentences to make longer, more interesting ones.

Because is a conjunction that is used to combine sentences.

My backpack was heavy. I sat down to rest.

I sat down to rest because my backpack was heavy.

Copyright Sharon Fabian 201

Here are some conjunctions that you can use to combine sentences.

Coordinating Conjunctions for, and, nor, but, or, yet, so

Subordinating Conjunctions

because, since, when, if, after, before, unless, until, while (and there are more)

Copyright Sharon Fabian 201

Conjunctions to Teach: Subordinating Correlative Coordinating After Rather than ■ Both...and And Although ■ Since ■ Not only...but But As So that Also As if ■ Than Yet ■ Not…but As long as ■ That For ■ Either...or As though Though Nor ■ Neither...nor Because Till So ■ Whether...or Before Unless ■ As....as Even if Until Even though When ■ If ■ Whenever Source: If only Where Teach grammar.ccc.co In order that Whereas Signal Words/ mmnet.edu/ Now that ■ Wherever **Cohesive Ties** <u>grammar/</u> Once While onjunctions.htm

TRANSITIONING
Writing includes
limited
orientation,
logically
organized or
connected
ideas or closure;
limited
development

Simple Sentences + a few expanded and complex

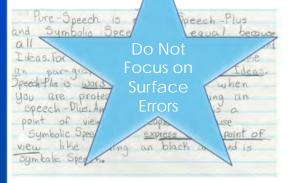
Frequent Errors

A few tier 2, 3 words

Sample 1

<u>Prompt</u>: Compare and contrast *pure speech* to *speech-plus* to *symbolic speech* as defined in this article. Then give an example any your own experience to illustrate each type of speech.

Female, 11 years old, Gr. 6, Portuguese spansitioning Proficiency Overall



Pure-Speech is equal. Speech-Plus and Symbolic Speech are equal because all of then are about thoughts and Ideas. For example Pure speech is like an paragraph of thoughts and Ideas. Speech-Plus is word or actions, like when you are protesting you are doing an speech-Plus. And Symbolic Speech is a point of view but People can use Symbolic Speech to express their point of view like wearing an black armband is symbolic Speech.

Look at the verbs. What verbs does this student use?

What other verbs could you teach her to use with definitions?

How does the student connect her sentences? How can you help her do this more proficiently?

Sample :

<u>Prompt</u>: Compare and contrast *pure speech* to *speech-plus* to *symbolic speech* as defined in this article. Then give an example from your own experience to illustrate each type of speech.

Female, 11 years old, Gr. 6, Spanish speaker, Transitioning Proficiency Overall

Compare and cotray five spears to speach
Plas to Symbolic spears. Pure speach is
Written of spoken thoughts and idea.
Speach- hus involves words and actions like
Protesting. Symbolic is visual.

These three are the same because ther
all speach. They are also diffrent because
the are different speach

Compare and contrast Pure speech to speech Plus to Symbolic speech. Pure speech is written or spoken thoughts and idea. Speech-Plus involves words and actions like protesting. Symbolic is visual.

Thes three are all the same Because ther all speech. They are also diffrent becaus the are diffrent speech.

How could you work with this student to add more complexity and length? For example, what could you teach her about adding examples?

What could you teach her about connecting one idea to the next?

How could you help her express her ideas with more precision?



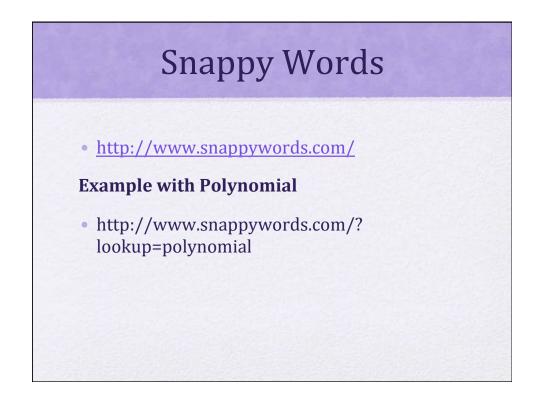
Lingro

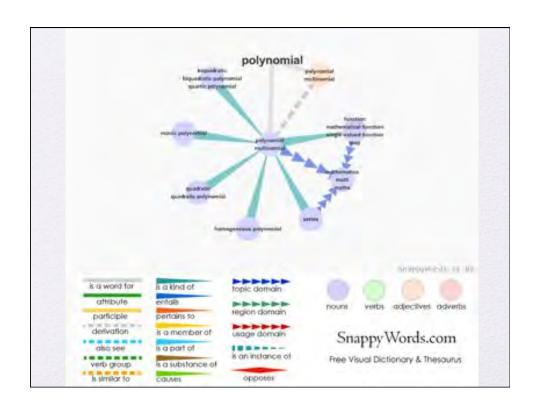
• http://lingro.com/

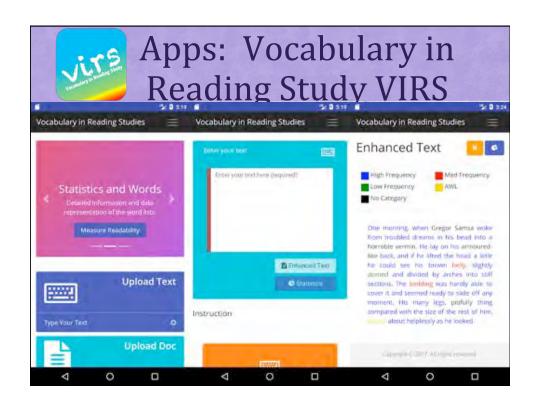
Example: Plate Tectonics

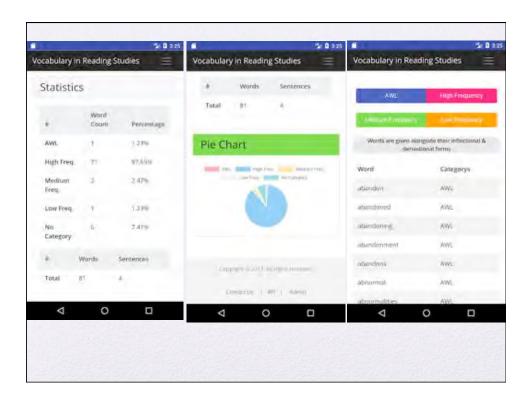
- https://www.windows2universe.org/earth/ interior/how_plates_move.html
- http://lingro.com/translate/https:// www.windows2universe.org/earth/interior/ how_plates_move.html











Teaching Channel Videos

 https://www.teachingchannel.org/video/ build-student-vocabulary

Paint Chips/Shades of Meaning (1:41) For Practice/Use

- https://www.teachingchannel.org/video/ vocabulary-for-ells
- 7-Step Vocabulary Method (2:15)

Steps in Learning a New Word

How to learn a word you don't know ... And why it's important

https://www.youtube.com/ watch?v=1LS7m9qj1uY 5:46

Robyn Rich 7th Grade Language Arts

A Teacher-made Think Aloud: What to do when you come upon an unknown word

> 5 minutes

Excellent Video to Watch

High School Science, Math, Humanities; ELA Examples of Teaching ELLs Content While Developing Language

https://www.teachingchannel.org/video/deeper-learning-for-ell-inps

Deeper Learning for ELLs (13:36); Claire Sylvan; NYC International High Schools; Project Based Learning

Resource Articles on RBE-RN Site

On Target:

Strategies to Build Student Vocabularies

Grades 4 - 12



16

isa Larson Temoca Dixon and Dianna Townsend

How Can Teachers Increase Classroom Use of Academic Vocabulary?

y sevents grace students are paper hanging on the white board, the colored markers in my hand, and the time-crite paper hanging on the white board, the colored markers in my hand, and the time-crite prefix re: is written on top of the page. As soon as I give my class the signal, hands shoot into the air, calling out words such as "rewrite, repus, referam, reform" during a collective 10-minute beainstorm.

Students suggest words and I add them to the growing list, if they properly use the prefix. At the end of 10 minutes, we count our words; it is

At this point, I explain, "Once you learned the prefix r-x-x, you packed your word bank." (See Fig 1.) Then I flip through the posters from other classes and point out, "Yet, you still did not think of all the words other classes found. Once you



e 1. Example of a morphology brainstorming activity

nderstand word parts, you have access to an inredible number of words. "My students argued, Ms. Exoon, why are we learning vocabulary in social studies?" I watched as my students looked et each of the lists, the class word wall, and back me. I saw them realize what I had been trying explain active occubalary practice is invulsable to their academic success. Why? Because acve vocabulary practice helps young adolescent armers develop academic language and access

cademic rext.

As ocial studies teachers, one teaching in amore of the studies of the studies of the studies in a man middle cadeod, we value "rich vocalitary inman middle cadeod, we value "rich vocalitary inman middle cadeod, we value "rich vocalitary inman middle cadeod, we value" rich vocalitary inman middle cadeod, we value "rich vocalitary inman middle cadeod, which we can be compresented by a compression of the cadeod cadeod, and the cadeod
his vocalitary in the cadeod cadeod cadeod
middle cadeod, which we cadeod
middle cadeod, which we cadeod
middle cadeod
middle

A critical component to academic reading comprehension is understanding the vocabulary,

Voices from the Middle, Volume 20 Number 4, May 20

Reflections on the Day

I plan to....



What helped me most was......

One thing I would change is......



