

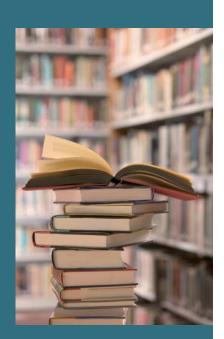
Common Core State Standards: Vocabulary

The standards expect that students will grow their vocabularies through a mix of *conversations*, *direct instruction*, and *reading*. The standards will help students determine word meanings, appreciate the nuances of words, and steadily expand their repertoire of words and phrases.

Academic Language Defined

"Academic language is the specialized language, both oral and written, of academic settings that facilitates communication and thinking about disciplinary content"

(Nagy & Townsend, 2012, p. 92)





29 Ben Franklin



Franklin was famous for his countrified appearance. The French couldn't get over his fur hat. Some people had problems with Benjamin Franklin. They accused him of not having any gravity. Now that doesn't mean he floated around like a weightless space voyager. *Gravity* has another meaning, as in "grave." No, not a place where you get buried, but you are getting closer. Someone who is grave is very serious, maybe a bit dull, and certainly not much fun. Ben Franklin did have a problem. He just couldn't stay serious or dull. He was always playing jokes or having fun.

The French had no trouble with Ben. They loved his jokes and admired his good mind. They were amazed by all the things he had done. He was a scientist, an inventor, a writer, and a great patriotic American.

His mind never seemed to stop for rest. Daylight saving time was his idea; and he invented bifocal glasses, the lightning rod, the one-arm desk chair, and an efficient stove. He founded the first public library, the first city hospital, and the University of Pennsylvania. He was the most famous journalist of his time, and the first editor to use cartoons as illustrations. He made electricity into a science. And that is only part of what he did.

Benjamin Franklin helped with the ideas that made this country special, and he got the French to help pay for the revolution that made us free.

Rut as I said some people had problems with Franklin The

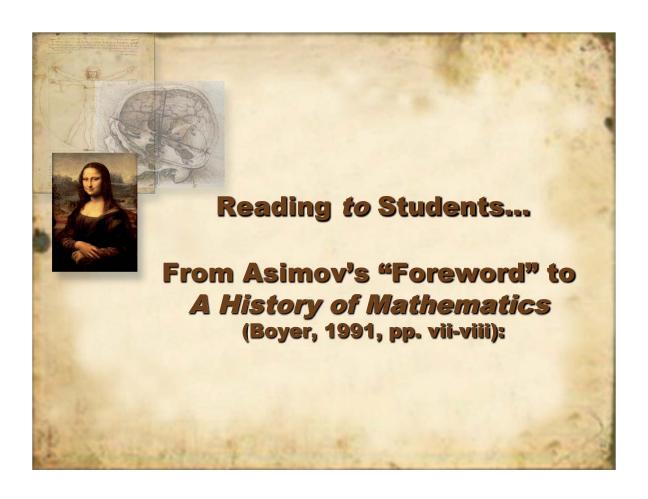
Vive Franklin!

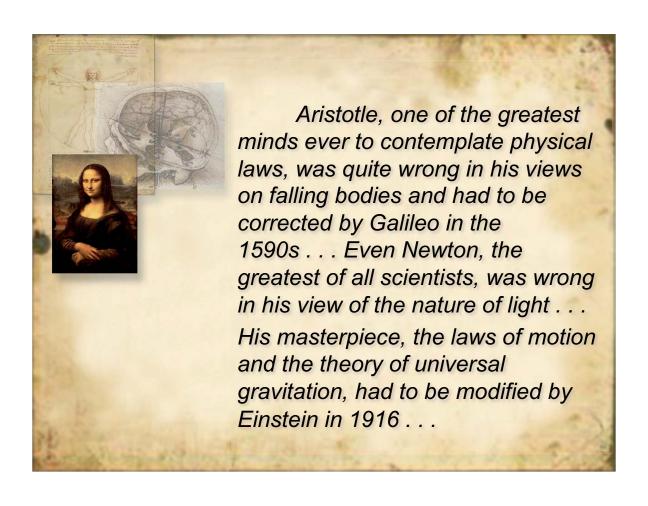
The French were fascinated by Benjamin Franklin. (Vive means "long live" in French.) One Frenchman who met him at court said:

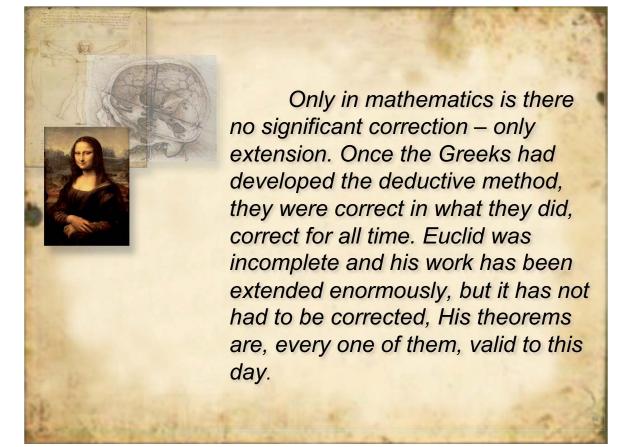
he most surprising thing was the contrast between the luxury of our capital, the elegance of our fashions, the magnificence of Versailles...the polite haughtiness of our nobility-and Benjamin Franklin. His clothing was rustic, his bearing simple but dignified, his language direct, his hair unpowdered. It was as though classic simplicity, the figure of a thinker of the time of Plato...had suddenly been brought by magic into...the 18th century.

This poem was written in Franklin's honor:

To steal from Heaven its sacred fire he taught;
The arts to thrive in savage

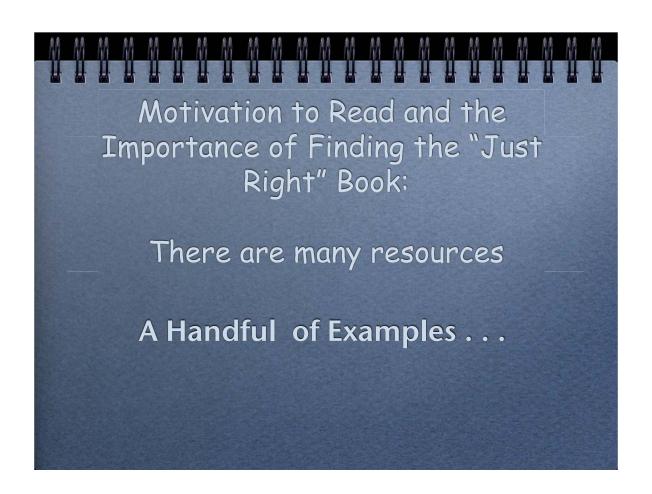


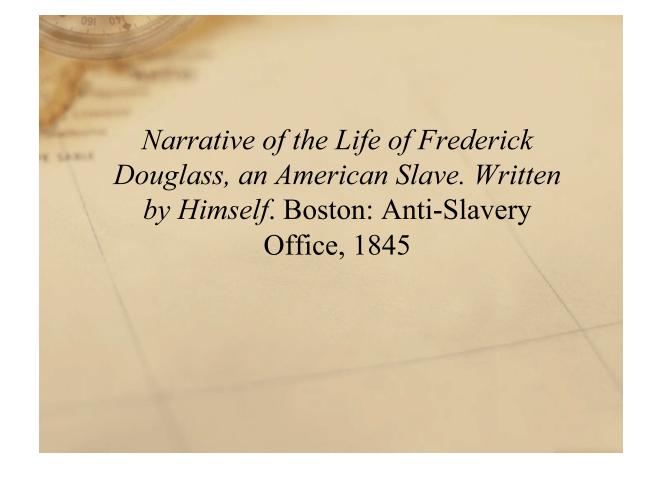




"On an average day in middle school, fully a third of my brain was obsessed with personal safety. I feared the block 10 times more than any pop quiz."

~ Natisi Coates







Sandra Cisneros, Eleven

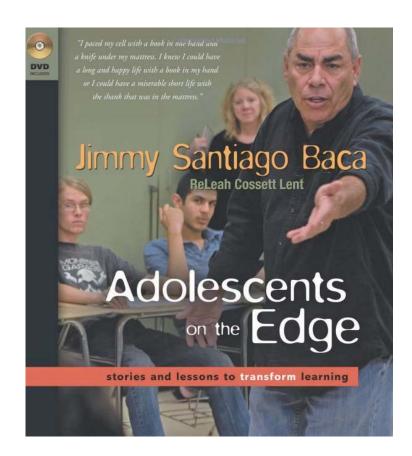
What they don't understand about birthdays and what they never tell you is that when you're eleven, you're also ten, and nine, and eight, and seven, and six, and five, and four, and three, and two, and one. And when you wake up on your eleventh birthday you expect to feel eleven, but you don't. You open your eyes and everything's just like yesterday, only it's today. And you don't feel eleven at all. You feel like you're still ten. And you are — underneath the year that makes you eleven.

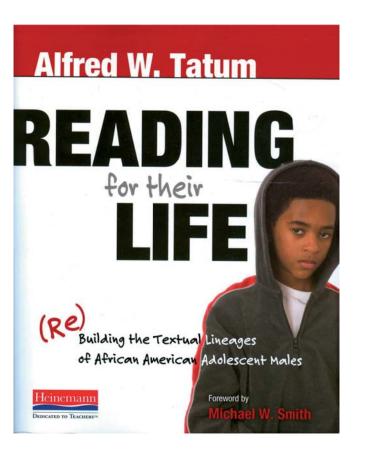
Like some days you might say something stupid, and that's the part of you that's still ten. Or maybe some days you might need to sit on your mama's lap because you're scared, and that's the part of you that's five.

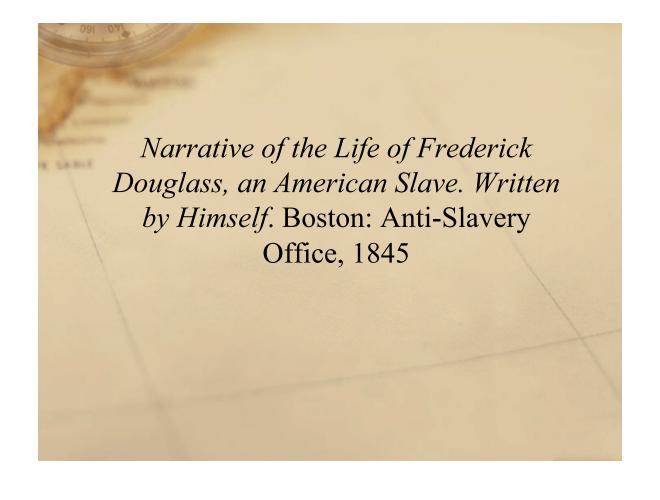
And maybe one day when you're all grown up maybe you will need to cry like if you're three, and that's okay. That's what I tell Mama when she's sad and needs to cry. Maybe she's feeling three.

Because the way you grow old is kind of like an onion or like the rings inside a tree trunk or like my little wooden dolls that fit one inside the other, each year inside the next one. That's how being eleven years old is.

You don't feel eleven. Not right away. It takes a few days, weeks even, sometimes even months before you say Eleven when they ask you. And you don't feel smart eleven, not until you're almost twelve. That's the way it is.









Sharon Flake http://www.sharongflake.com/

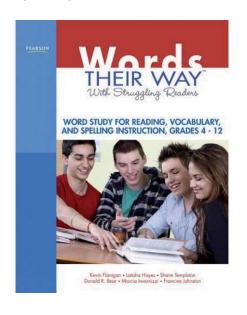
Sandra Sisneros
www.sandracisneros.com/

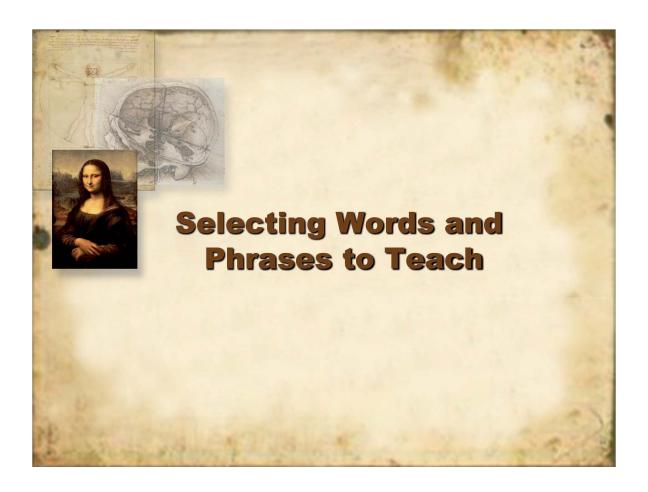
Bluford Series (\$1 per book)
http://www.townsendpress.com/product/97.aspx

Words Their Way with Struggling Readers:

Word Study for Reading, Vocabulary, and Spelling Instruction Grades 4 – 12

Flanigan, Hayes, Templeton, Bear, Invernizzi, & Johnston, 2011





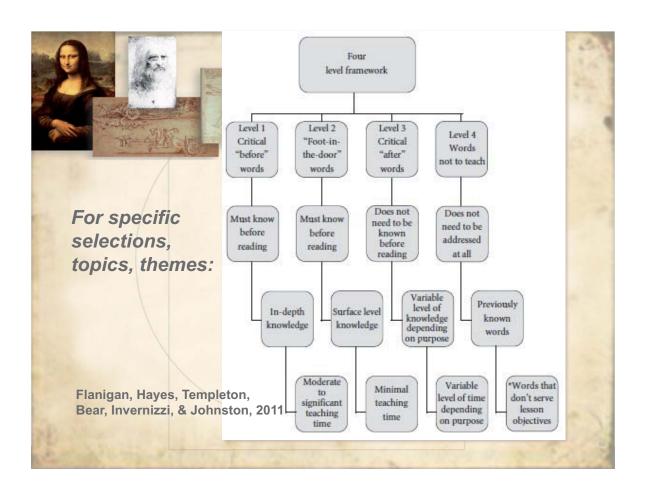
Two Types of Academic Vocabulary

General academic vocabulary

- used across content areas/ disciplines
- Examples: structure, function, analyze

Domain-specific academic vocabulary

- unique to each content area/discipline, often have technical and/or abstract definitions
- Examples: cytoplasm, rhombus, abolition, iambic pentameter



Phrase Sort Chart

Adding/ Comparing	Contrasting	Summarizing	
also	although	all in all	
and	and yet	altogether	
besides	but at the same time	to summarize	
equally important	despite that	finally	
finally	even though	in brief	
furthermore	for all that	in conclusion	
in addition	however	in other words	
moreover	in contrast	in particular	
next	in spite of	in short	
second	instead	in simpler terms	
still	nevertheless	in summary	
too	notwithstanding	on the whole	
in the same way	on the contrary	that is	
likewise	on the other hand	therefore	
similarly	regardless	to put it differently	

Vocabulary about the Vocabulary...

General Academic =

Tier II words

"Mortar" words/phrases

Domain-Specific Vocabulary =

Tier III words =

"Brick" Words =

"Disciplinary" Vocabulary

4th – 6th Grade Content from *Time for Kids*



The Great Barrier Reef borders the 74 islands that make up Whitsunday Island, in Queensland, Australia. The reef, which stretches over 2,000 kilometers, protects the islands from ocean swells.



Here on the Great Barrier Reef, in Queensland, Australia, orange basslets and green puller fish feed on plankton. Basslets are tiny fish, no longer than 2-4 inches, with vibrant colors. Green pullers, also known as green chromis, are a type of damselfish.

http://www.timeforkids.com/TFK/kids/specials/articles/0,28285,1984921,00.html

Word Level = General academic and domain-specific vocabulary

The Great Barrier Reef borders the 74 islands that make up Whitsunday Island, in Queensland, Australia. The reef, which stretches over 2,000 kilometers, protects the islands from ocean swells. Here on the Great Barrier Reef, in Queensland, Australia, orange basslets and green puller fish feed on plankton. Basslets are tiny fish, no longer than 2-4 inches, with vibrant colors. Green pullers, also known as green chromis, are a type of damselfish.

memnants

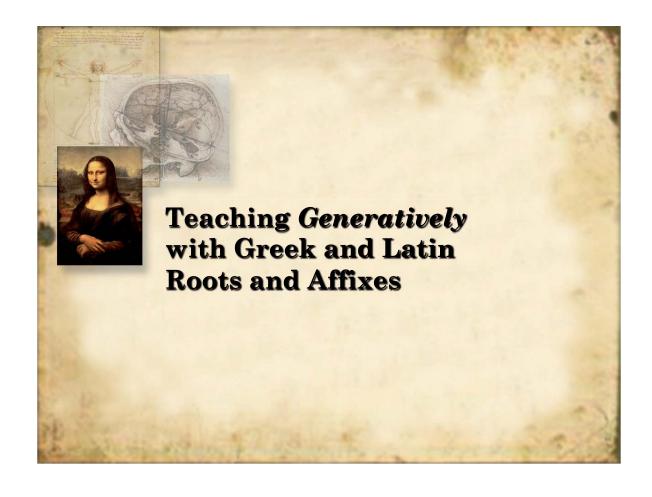
The chipped or broken "M&M's" at the bottom of the bag

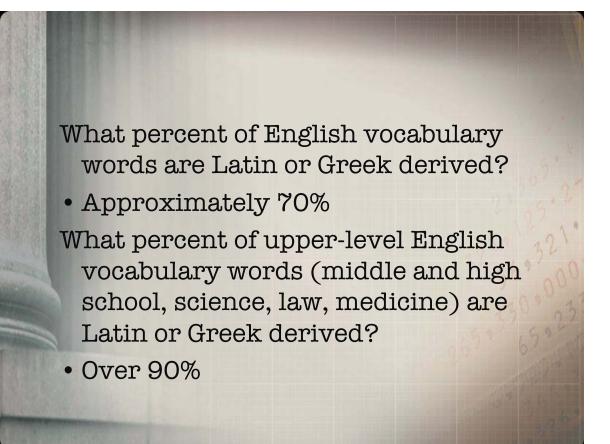
rovalert

The system whereby one dog can quickly establish an entire neighborhood network of barking

disconfect

To sterilize the piece of candy you dropped on the floor by blowing on it, somehow assuming this will "remove" all the germs

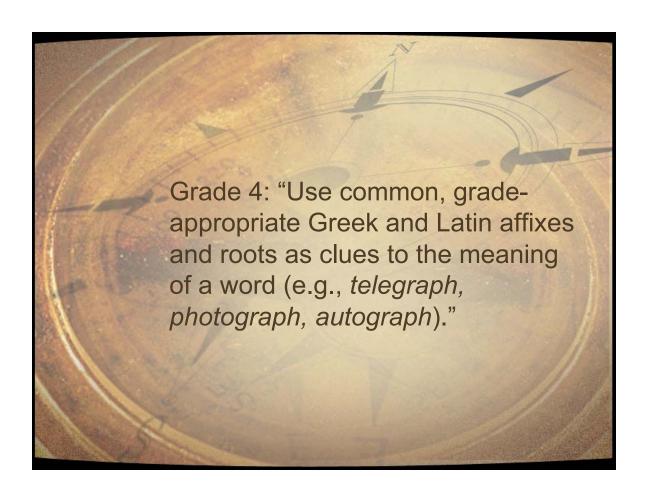






Morphology

Knowledge of the processes of word formation in English - how prefixes, suffixes, base words, and Greek and Latin word roots combine - is the engine that will generate your students' learning about thousands of words (Templeton, 2004).

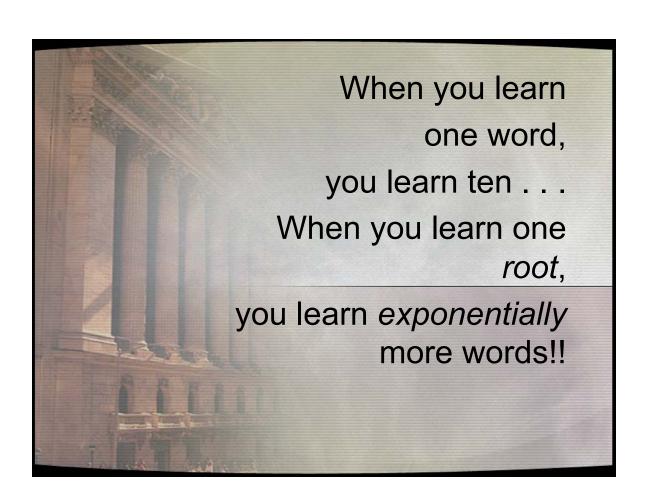


"When you learn one word,
you learn ten."

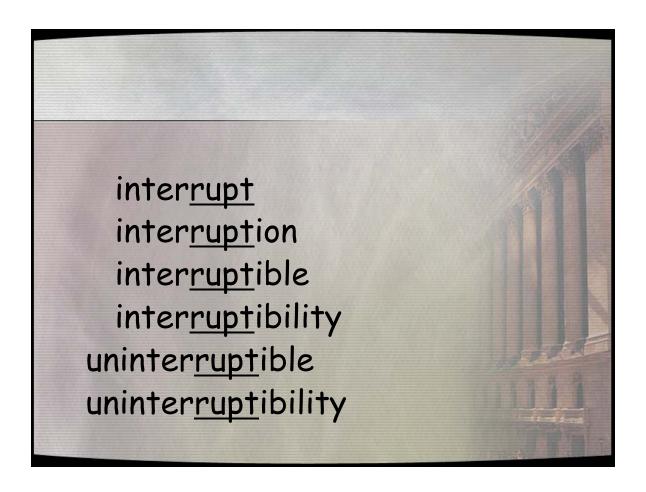
courage
courageous
courageously
discourage
discouragingly
discourageable
encourage
encourage
encouragement
encouragingly
unencouragingly
etc.

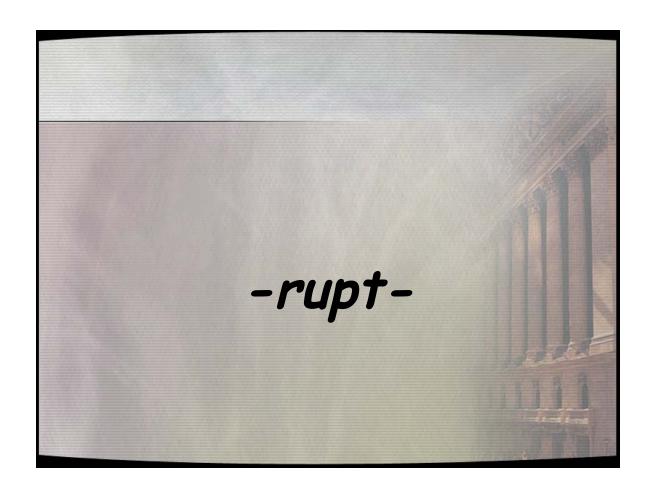
"In general, students are not making associations between such words as reduce and reduction...74 percent of fourth-graders know pretend, but pretense, the noun form of pretend, is not commonly known until the twelfth grade" (Dale, O'Rourke, & Bamman, 1971, p. 172)

When you learn one word, you learn ten . . .



interrupt interruption interruptible interruptible uninterruptible uninterruptiblity





 abrupt abruption abruptly 4. abruptness 5. bankrupt bankruptcies bankrupt 10. corrupt corrupted corrupter corruptibility corruptible 15. corrupting 16. corruption 17. corruptionist corruptive 19. cornuntless 20.

disrupt

22. corrupiress

23. diruption

24. disrupt

21.

26. disrupting 27. disruption 28. disruptive 29. disruptively 30. disrupture 31. erupt 32. erupting 33 enuntion 34. 35 erupt 36. incorrupted 37. incorruptibility 38. incorruptible 39. incorruptibly 40. incorruption 41 incorruptive 42 incornantly 43 44 Interrupt 45. иметирией 46. interruptedly 47. interrupter 48. interrupting

49 internuption

51. interrupts
52. irrupt
53. irruption
54. irruptive
55. proruption
56. ruptiliocarpon
57. ruption
58. ruptuary
59. rupture
60. ruptured

rupture

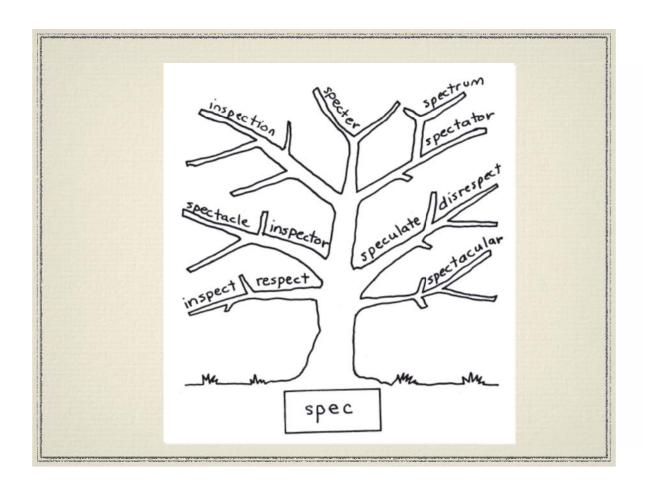
64. uncorrupted
65. uncorruptible
66. uninterrupted
67. uninterrupted



inspection

the act or result (-ion)
of looking (spect)
into (in-)

"the act or result of looking into"



Greek Word Roots

cyclist
motorcycle
recycle
tricycle
unicycle

encyclopedia

bicycle

tele<u>gram</u> grammar

program

diagram

anagram

<u>aster</u>oid

asterisk

aster

disaster

astrology

astronomy

astronomical

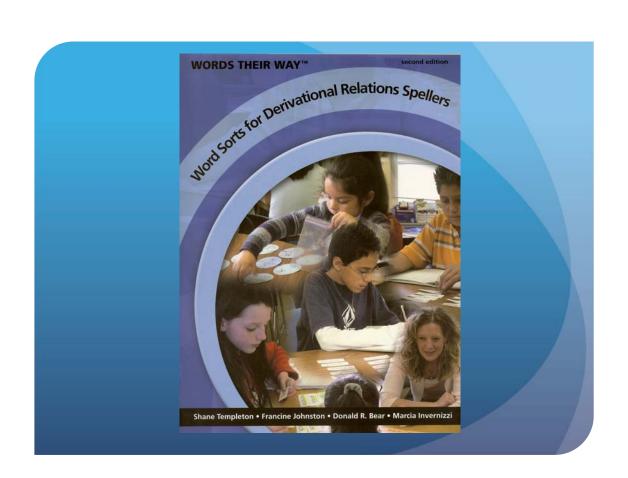
Latin Word Roots

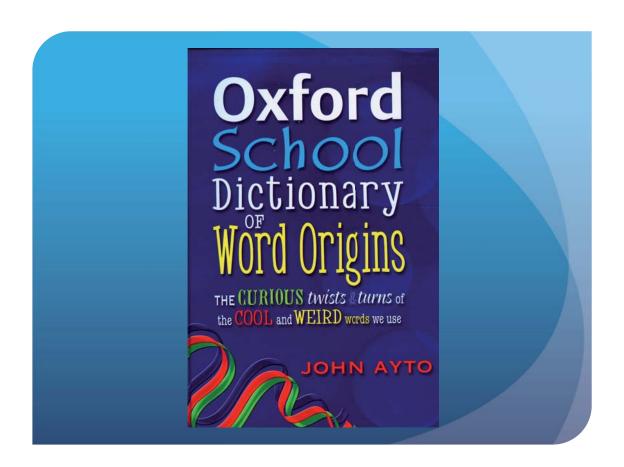
inspect porter tractor retract spectator reporter traction suspect export portfolio detract perspective inspection subtract transport aspect support extract introspection seaport attraction

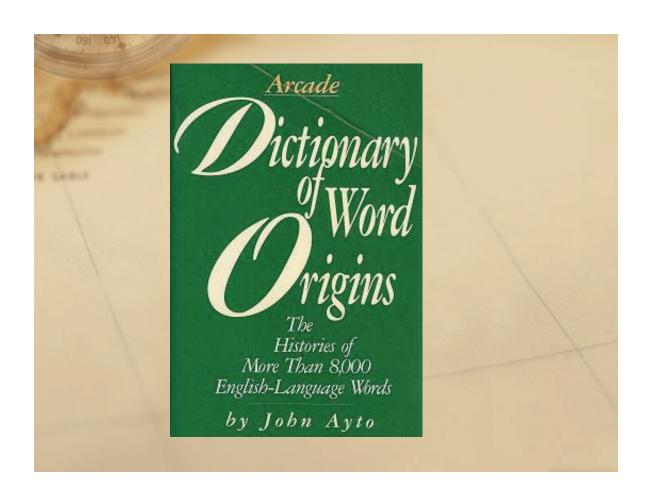
SUFFIX SORT			
-cracy	-crat	-arch	-archy
91.K			

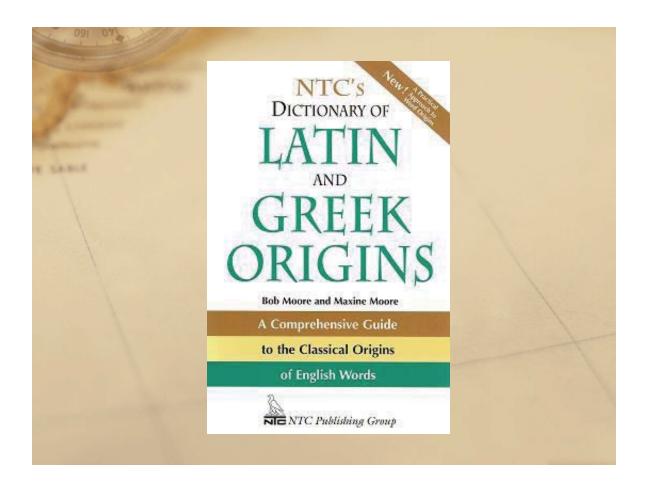
		CUE		
1	-cracy	-crat	SUFFIX SORT -crat -arch -ar	
	autocracy	autocrat	monarch	monarchy
	democracy	democrat	oligarch	oligarchy
	plutocracy	plutocrat	matriarch	matriarchy
	aristocracy	aristocrat	patriarch	patriarchy
	bureaucracy	bureaucrat	anarchist(?)	anarchy
	technocracy	technocrat		

091 07









Web Resources about Words

- www.onelook.com A comprehensive dictionary website. Most of the major, well-respected dictionaries are available. Onelook.com also has excellent search capabilities that allow you to search for words that contain specific roots and affixes, spelling patterns, words as they occur in specific phrases, and words that relate to a particular concept.
- www.americancorpus.org The Corpus of American English (Davies, 2008) is an invaluable online resource for locating related words in English. It requires that you register, but registration is free. It may be used to search for the occurrence of words in different contexts—for example, spoken language, magazines, fiction, and academic texts.
- www.etymonline.com Very useful for exploring word histories, this site includes much of the etymological information you would find in the Oxford English Dictionary.
- http://dictionary.reference.com/languages This site accesses the Kernerman English Multilingual Dictionary, which provides, for any word in English, words in a number of other languages that have the same or similar meaning. It is an excellent resource for finding cognates.
- www.wordsmith.org You may subscribe for free and receive a new word in your inbox every day. Words follow a theme each week, and the categories of words discussed in this chapter—for example, eponyms—will be represented.
- www.verbivore.com/rllink.htm An especially good site for wordplay, with innumerable links to excellent and informative language and word sites.
- www.visualthesaurus.com One of the most comprehensive interactive sites on the Web. There is an annual subscription fee, but the benefits are more than worth the modest price.
- www.visuwords.com Similar in format to visualthesaurus.com, this site offers a more abbreviated web display. One significant feature is that, at the time of this writing, the site is free.

Source: Adapted from Templeton et al., 2010.

circumspect?

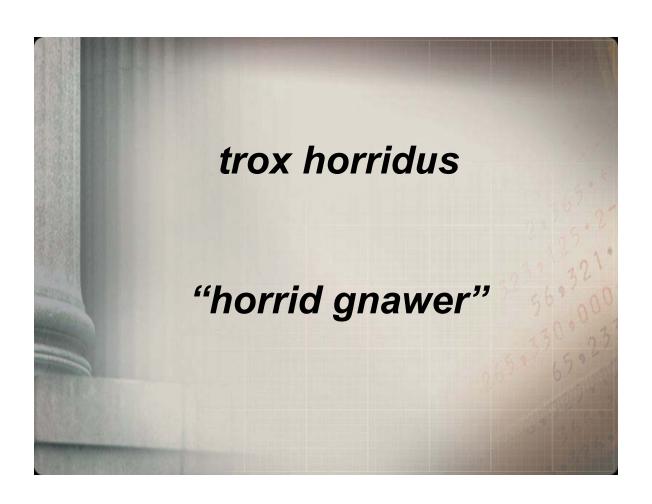
circumspect

looking (spect)
around (circum)

You "look around" and are careful because you're thinking about possible results of what you might do

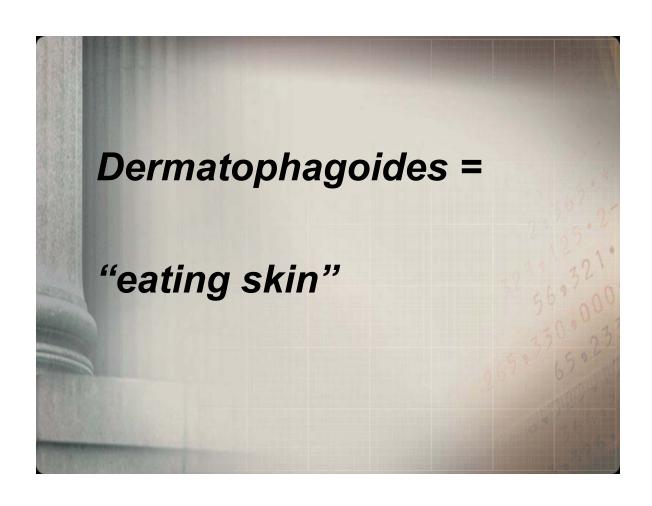
trox horridus





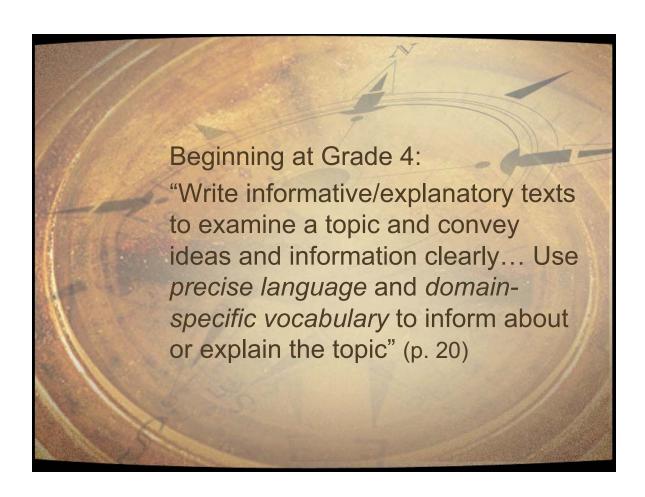
Dermatophagoides

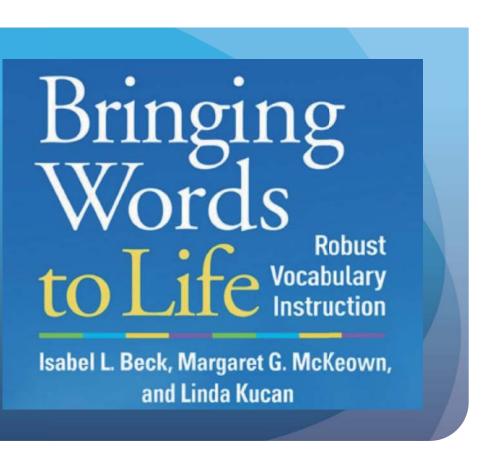




* The <u>concept</u> that the word represents, and the <u>spelling</u> of the word itself, work together to deepen students' understanding.







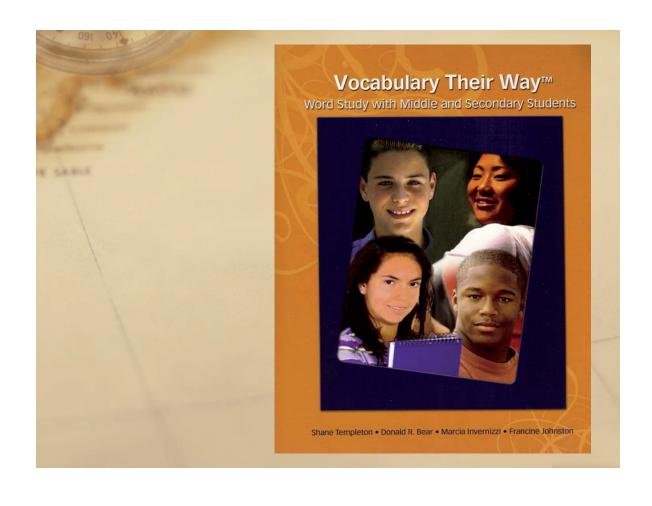




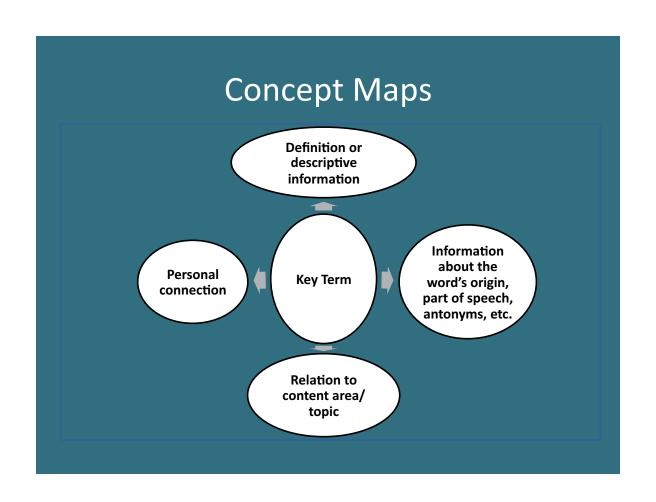
Figure 8.1.	Vocabulary S	Self-Assessm	ent for	Weather	

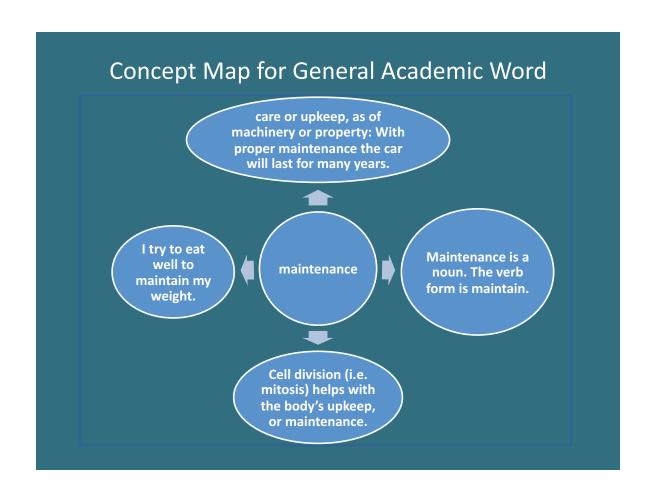
Weather	Vocabulary Self-Assessment		
Student:			
	Dates:		
	(X) September 18		
	(0)		

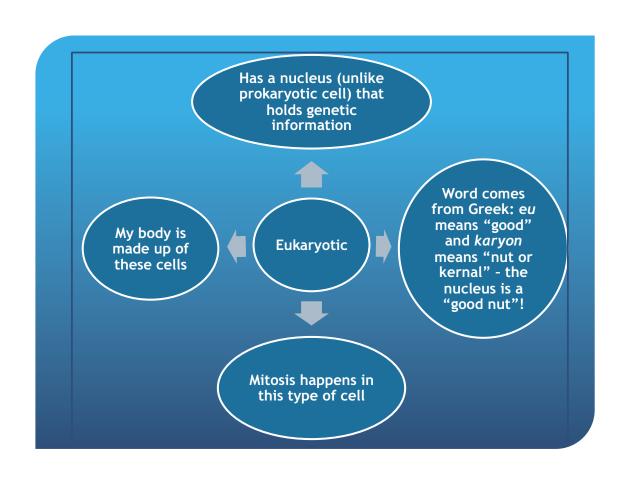


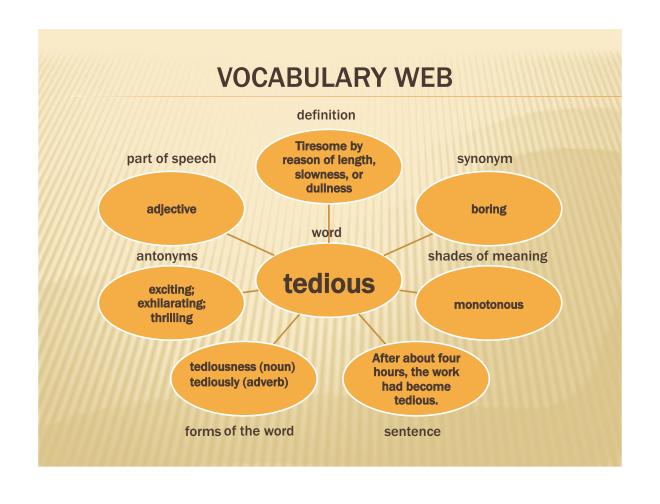
Effective Vocabulary Activities

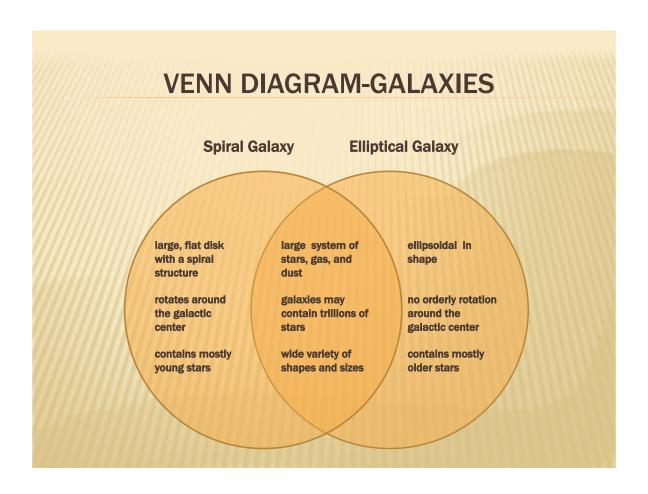
Word or Concept maps
Venn diagrams
4-Square Diagrams
Webs
Semantic feature analyses
Antonym/Synonym Lines
Concept Sorts
Questions
Vocab-O-Grams





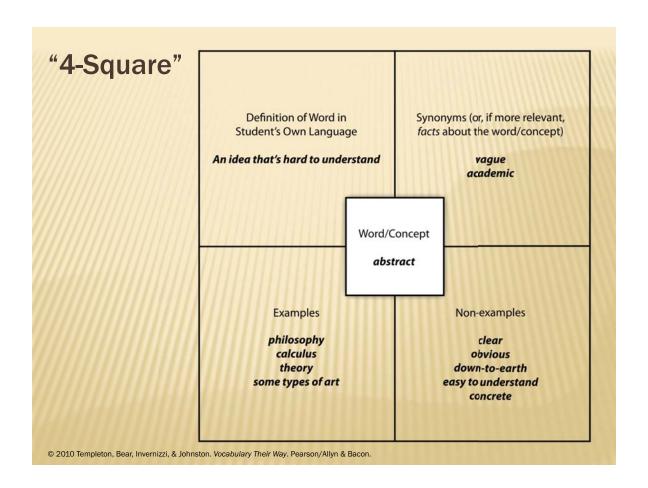


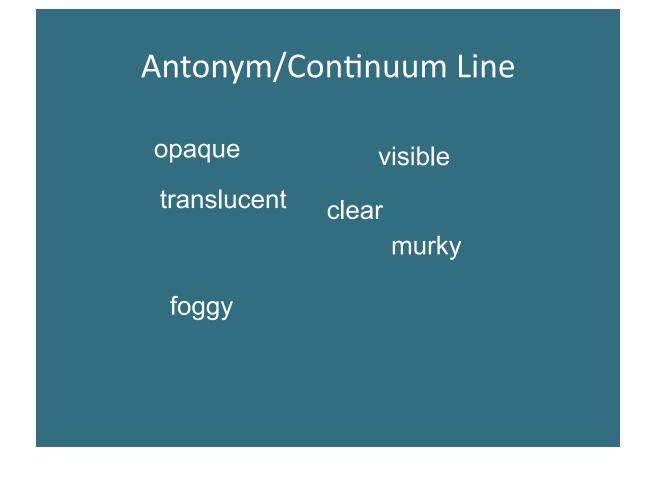




COMPARE/CONTRAST TABLE

Spiral Galaxies	FEATURE BEING CONTRASTED	Elliptical Galaxies
large, flat disk with a spiral structure	SHAPE	ellipsoidal in shape
rotates around the galactic center	MOVEMENT	no orderly rotation around the galactic center
mostly young stars	AGE OF STARS	Mostly older stars
	FEATURES IN COMMON	
large	e system of stars, gas, an	d dust
galax	cies may contain trillions	of stars
wi	de variety of shapes and	sizes



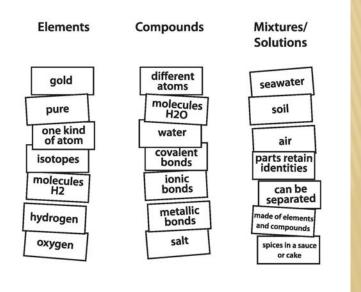




Grade 7

c. Distinguish among the connotations (associations) of words with similar denotations (definitions) (e.g., refined, respectful, polite, diplomatic, condescending).

CONCEPT SORTS/CATEGORIZATION



cylinder circle
triangular prism face
vertex symmetrical

Would you store water in a bottle shaped like a *cylinder* or a *circle*?

Would you rather play catch with a *sphere* or a *triangular prism*?

Which would be more dangerous - being poked by the *face* of a box or the *vertex* of a box?

Which one of these things might be symmetrical? Why or why not?

A car?

A water bottle?

A tree?

After the teacher reads aloud the first chapter of *The Grapes of Wrath*:

vo	CAB-O	-(GRAN	1
The	Grapes	0	Wrat	h

Discuss what you know about each of the words. Think about how Steinbeck may use the words to represent *external* and *internal* conflict. The words may be used more than once. If there are words that your group is not sure about, list them as *Mystery Words*. Use the vocabulary words to make predictions about *The Grapes of Wrath*.

Oklahoma dust bowl California banks tenant farmer pellagra truculent quest monster Hoovervilles disconsolate perplexed union 1930s migrant prodigal misfortune animosity tarpaulin contractor wrath paradox vigilante

Internal Conflict: Person vs. Self

External Conflict: Person vs. Person

External Conflict: Person vs. Society

External Conflict: Person vs. Elements

What Questions Do You Have?

Mystery Words

Think Aloud Example

Mitosis is the process by which the nucleus divides in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

Ok, so we're talking about a process – that means it probably has a set of steps or phases.

<u>Mitosis</u> is the process by which the nucleus divides in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

Think Aloud Example

"by which" – I've seen this phrase before – it's going to tell me what happens in that process

Mitosis is the process by which the nucleus divides in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

I can do this phrase – the nucleus divides – that means that middle/important part of the cell splits in half

Mitosis is the process by which <u>the nucleus divides</u> in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

Think Aloud Example

This must mean that this process, mitosis, usually happens in this type of organisms – eukaryotic . Let's check the word wall to remember that word.

Mitosis is the process by which the nucleus divides <u>in</u> <u>eukaryotic organisms</u>, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

Mitosis is the process by which the nucleus divides in eukaryotic organisms, <u>producing</u> two new nuclei that are genetically identical to the nucleus of the parent cell.

Producing, that means something is made. Ok, so in mitosis, those two halves of the nucleus each become their own new nucleus.

Think Aloud Example

Mitosis is the process by which the nucleus divides in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

This one is kind of easy – those two new nuclei (I remember that we say nucleus if we're talking about just 1 and nuclei if we're talking about more than 1) are the same genetically.

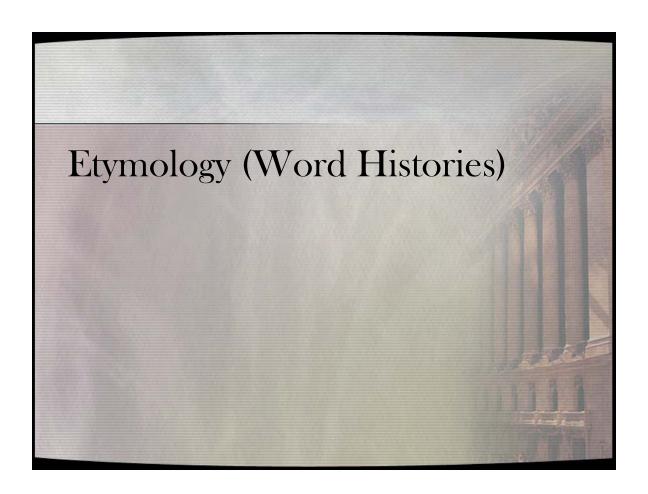
Mitosis is the process by which the nucleus divides in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

Oh, and this means they are the same as each other and the original nucleus they came from.

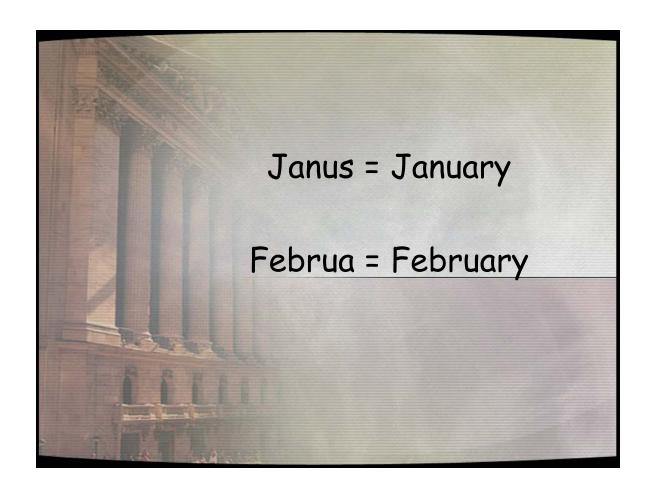
Think Aloud Example

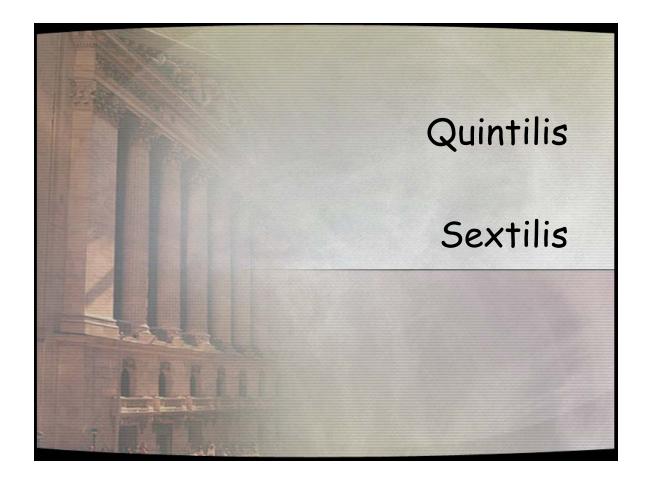
Mitosis is the process by which the nucleus divides in eukaryotic organisms, producing two new nuclei that are genetically identical to the nucleus of the parent cell.

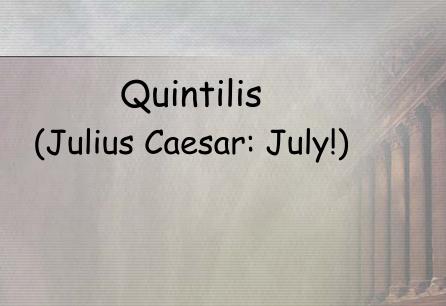
All right, so putting all this together, I would say that mitosis happens in eukaryotic organisms, and it involves a set of steps or phases. The nucleus in the first cell breaks in half to create two new nuclei that are the same as each other and as the original cell.



What about the following months in the calendar?
September
October
November
December

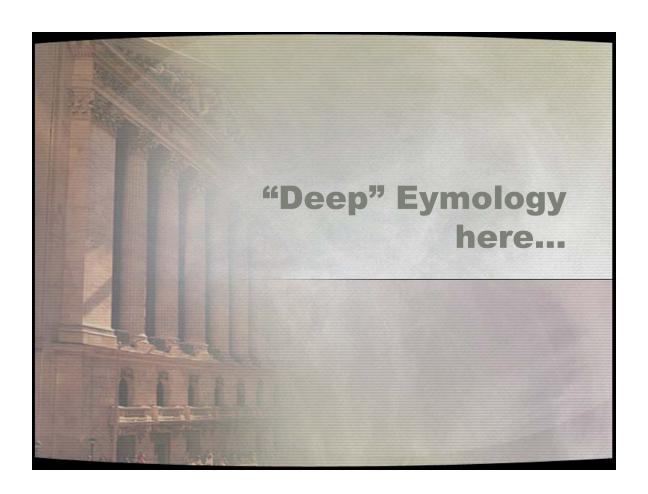


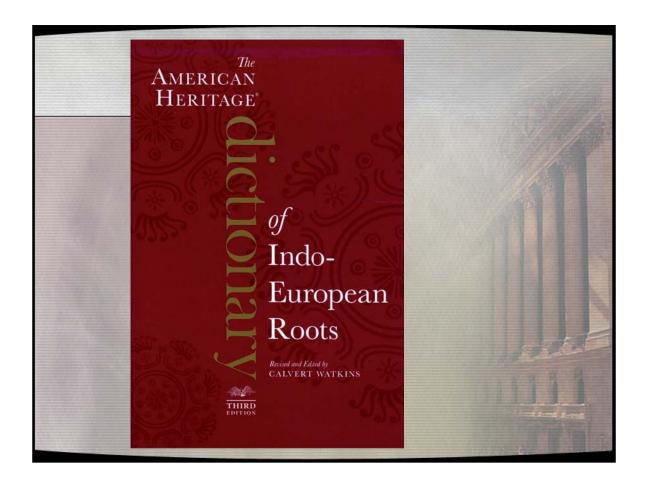




Quintilis (Julius Caesar: July!)

Sextilis (Caesar Augustus: August!)





geno- Also **gen-.** To give birth, beget; with derivatives referring to aspects and results of procreation and to familial and tribal groups. (Oldest form *genh₁-.)

I. Basic form *gena-. 1. Suffixed form *gena-es-. a. GENDER, GENERAL, GENERATE, GENERATION, GENERIC, GENEROUS, GENRE, GENUS; CONGENER, DEGENERATE, ENGENDER, MISCEGENATION, from Latin genus, race, kind; b. gene; allogeneic, genealogy, genocide, GENOTYPE, HETEROGENEOUS, SYNGENEIC, from Greek genos and geneā, race, family; c. -GEN, -GENY; EPI-GENE, from Greek suffix -genēs, "-born." 2. Suffixed form *gen(a)-yo-. a. GENIAL1, GENIUS; CONGENIAL, from Latin genius, procreative divinity, inborn tutelary spirit, innate quality; b. ENGINE, INGENIOUS, from Latin ingenium, inborn character (in-, in; see en). 3. Suffixed form *gena-ā-. INDIGEN, INDIGENOUS, from Latin indigena, born in (a place), indigenous (indu-, within; see en). 4. Suffixed form *gena-wo-. GENUINE, INGENUOUS, from Latin ingenuus, born in (a place), native, natural, freeborn (in-, in; see en). 5. Suffixed form *gen(a)-men-. GERM, GERMAN2, GERMANE, GER-MINAL, GERMINATE, from dissimilated Latin germen, shoot, bud, embryo, germ.

