# RESPONSE TO INTERVENTION AND THE ADOLESCENT READER: RESPONSIVE READING PRACTICES AND STRATEGIES

Word Study, Fluency, Vocabulary, Comprehension, Writing – to - Learn and Motivation

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## **WORD STUDY**

#### Decoding is necessary for comprehension.

- Word recognition is a necessary, though not sufficient, skill to allow comprehension.
- "There is NO comprehension strategy powerful enough to compensate for the fact that you can't read the words." (Archer, 2006)

## Struggling readers often have difficulty reading multisyllabic words.

- Poorly developed word recognition skills are the most pervasive and debilitating source of reading challenges. This is evident in students with dyslexia.

  (Adams, 1990; Perfetti, 1985; Share & Stanovich, 1995)
- Poor decoders, even those who can decode single syllable words, have a difficult time with multisyllabic words. (Just & Carpenter, 1987)

## Struggling older readers have specific challenges when reading long words.

- Poor readers, including students with dyslexia, attempt to process long words letter by letter rather than part by part. (Bhattacharya, 2006)
- Poor readers are more likely to mispronounce affixes and vowels and to omit syllables. (Shefelbine & Calhoun, 1991)

## The number of multisyllabic words significantly increases in the intermediate grades.

- From fifth grade on, average students encounter approximately 10,000 words a year that they have never previously encountered in print. (Nagy & Andersen, 1984)
- Most of these new words are longer words having two or more syllables. (Cunningham, 1998)

- Directions: Assume you cannot read multisyllabic words.
  Read the following passage, deleting the underlined,
  multisyllabic words. How much would you gain from reading
  this social studies passage?
- "When explorers from Portugal arrived in Brazil in 1500, as many as 5 million Native Americans lived there. During the 1500s, the Portuguese established large sugar cane plantations in northeastern Brazil. At first they enslaved Native Americans to work on the plantations. Soon, however, many Native Americans died of disease. The plantation owners then turned to Africa for labor. Eventually, Brazil brought over more enslaved Africans than any other North or South American country."

#### **Pronunciation of Words – How**

#### Three Approaches

#### 1. Segmenting

Teacher reads the word. Students repeat the word.

Teacher and students say the word by parts.

Students repeat the word.

#### 2. Looping

Teacher segments the written word in parts.

Teacher loops under the parts. Students read each part.

#### 3. Using a Strategy

## **REWARDS Strategy**

#### Overt Strategy

- 1. Circle the prefixes.
- 2. Circle the suffixes.
- 3. Underline the vowels.
- 4. Say the parts of the word.
- 5. Say the whole word.
- 6. Make it a real word.

reconstruction instruction unconventionality

(REWARDS Intermediate published by Voyager/Sopris Learning)

## **FLUENCY**

# Accuracy, Appropriate Rate, and Expression

## Fluency - Why?

#### Fluency is related to reading comprehension.

 Both empirical and clinical research support the relationship between fluent oral reading and overall reading ability including comprehension.

(Cunningham & Stanovich, 1998; Fuchs, Fuchs, & Maxwell, 1988; Gough, Hoover, & Peterson, 1996; Herman, 1985; Jenkins, Fuchs, Espin, van den Broek, & Deno, 2000)

• When students read fluently, decoding requires less attention. Attention can be given to comprehension. (Samuels, Schermer, &Reinking, 1992)

#### 2005 Hasbrouck & Tindal Oral Reading Fluency Data

Jan Hasbrouck and Gerald Tindal completed an extensive study of oral reading fluency in 2004. The results of their study are published in the technical report, "Oral Reading Fluency: 90 Years of Measurement," (brt.uoregon.edu/tech\_reports.htm), and in the article, "Oral Reading Fluency Norms: A Valuable Assessment Tool...," in the April 2006 issue of *The Reading Teacher* (www.reading.org/publications/journals/RT/).

The table below shows the mean oral reading fluency of students in grades 1 through 8 as determined by Hasbrouck and Tindal's data.

You can use the information in this table to draw conclusions and make decisions about the oral reading fluency of your students. Students who score 10 or more words below the 50th percentile using the average score of two unpracticed readings from grade-level materials need a fluency-building program. In addition, teachers can use the table to set the long-term fluency goals for their struggling readers.

Average weekly improvement is the average words per week growth you can expect from a student. It was calculated by subtracting the fall score from the spring score and dividing the difference by 32, the typical number of weeks between the fall and spring assessments. For grade 1, since there is no fall assessment, the average weekly improvement was calculated by subtracting the winter score from the spring score and dividing the difference by 16, the typical number of weeks between the winter and spring assessments.

Grade	Percentile	Fall WCPM*	Winter WCPM*	Spring WCPM*	Avg. Weekly Improvement**
1	90		81	111	1.9
	75		47	82	2.2
	50		23	53	1.9
	25		12	28	1.0
	10		6	15	0.6
2	90	106	125	142	1.1
	75	79	100	117	1.2
	50	51	72	89	1.2
	25	25	42	61	1.1
	10	11	18	31	0.6

Grade	Percentile	Fall WCPM*	Winter WCPM*	Spring WCPM*	Avg. Weekly Improvement**
	90	128	146	162	1.1
	75	99	120	137	1.2
3	50	71	92	107	1.1
	25	44	62	78	1.1
	10	21	36	48	0.8
	90	145	166	180	1.1
	75	119	139	152	1.0
4	50	94	112	123	0.9
	25	68	87	98	0.9
	10	45	61	72	0.8
	90	166	182	194	0.9
	75	139	156	168	0.9
5	50	110	127	139	0.9
	25	85	99	109	0.8
	10	61	74	83	0.7
	90	177	195	204	0.8
	75	153	167	177	0.8
6	50	127	140	150	0.7
	25	98	111	122	0.8
	10	68	82	93	0.8
	90	180	192	202	0.7
	75	156	165	177	0.7
7	50	128	136	150	0.7
	25	102	109	123	0.7
	10	79	88	98	0.6
8	90	185	199	199	0.4
	75	161	173	177	0.5
	50	133	146	151	0.6
	25	106	115	124	0.6
	10	77	84	97	0.6

## Fluency - Why?

#### An accurate, fluent reader will read more.

 As more material is read, decoding skills, fluency, vocabulary, background knowledge, and comprehension skills increase. (Cunningham & Stanovich, 1998; Stanovich, 1993)

## The rich get richer. The poor get poorer. (Stanovich, 1986)

• It has been suggested that voracious reading can alter measured intelligence. (Cunningham & Stanovich, 1998)

## Variation in Amount of Reading

Percentile Rank	Minutes per day reading in books	Minutes per day reading in text	Words per year in books	Words per year in text
98	65.0	67.3	4,358,000	4,733,000
90	21.2	33.4	1,823,000	2,357,000
80	14.2	24.6	1,146,000	1,597,000
70	9.6	16.9	622,000	1,168,000
60	6.5	13.1	432,000	722,000
50	4.6	9.21	282,000	601,000
40	3.2	6.2	200,000	421,000
30	1.8	4.3	106,000	251,000
20	0.7	2.4	21,000	134,000
10	0.1	1.0	8,000	51,000
2	0	0	0	8,000

## Fluency - Why?

#### Other reasons for increasing fluency

- Fluent readers complete assignments with more ease.
  - Fluent readers can spend more time remembering, reviewing, and comprehending text.
- Fluent readers will also perform better on reading tests.

## Fluency - Why?

#### Other reasons for increasing fluency

 Fluent readers can change reading rate based on reading purpose.

Purpose	Reading Rate
Study	Slow and reflective
Pleasure - Novel	Steady & Fluent
Search for information	Rapid

## Fluency - What?

- "Fluency is the ability to read text quickly, accurately, and with proper expression" (National Reading Panel)
- The ability to read connected text accurately with appropriate rate and expression (prosody).
   (Judson, Mercer, & Lane, 2000)

## Fluency - What?

 "The ability to read connected text rapidly, smoothly, effortlessly, and automatically with little conscious attention to the mechanics of reading such as decoding." (Meyer & Felton, 1999)

## **Factors Effecting Fluency**

- Proportion of words in text that are recognized as "sight words".
  - Sight words include any word that readers have practiced reading sufficiently often to be read from memory." (Ehri, 2002)
- Speed of decoding strategies used to determine the pronunciation of unknown words.
- 3. Speed with which word meanings are identified.
- 4. Background knowledge of reader.
- 5. Speed at which overall meaning is constructed.

## Procedure # 1. Word Recognition Instruction

- If students read slowly and inaccurately, couple instruction on fluency with advanced decoding
- REWARDS Multisyllabic Word Reading Strategies (Sopris)
- SIPPS (Developmental Studies Center)
- Corrective Reading (SRA)
- Language! (Voyager)

Procedure #2: Prepare students for reading a passage.

- Preteach the pronuciation of words.
- Preteach the meaning of words.
- Preteach necessary background knowledge.
- Preview the text with students.

Fluency is a product of:

PRACTICE PRACTICE PRACTICE

and MORE PRACTICE

 Procedure #3. Utilize passage reading procedures in class that optimize the amount of reading practice.

#### **Example Procedures:**

- Augmented silent reading
- Choral reading
- Cloze reading
- Partner Reading

#### Augmented Silent Reading (Whisper Reading)

- Pose pre-reading question
- Tell students to read a certain amount and to reread material if they finish early
- Monitor students' reading
- Have individuals whisper-read to you
- Pose post- reading question

#### **Choral Reading**

- Read selection with students
- Read at a moderate rate
- Tell students "Keep your voice with mine"

 Possible Uses: Chorally read wording on slide, directions, steps in strategy, initial part of story/chapter

#### **Cloze Reading**

- Read selection
- Pause and delete "meaningful" words
- Have students read the deleted words

 Possible Uses: When you want to read something quickly and have everyone attending

#### **Individual Turns**

- Use with small groups
- Call on individual student in random order
- Vary amount of material read

#### If used with large group,

- Assign paragraphs for preview and practice OR
- Utilize the me or we strategy

#### **Partner Reading**

Assign each student a partner

Reader whisper reads to partner

Narrative - Partners alternate by page or time

Informational text - Partners alternate by paragraph

Read - Stop - Respond

**Respond by:** Highlight critical details, take notes, retell content, or answer partner's questions

#### **Partner Reading**

**Coach** corrects errors

- Ask Can you figure out this word?
- Tell This word is \_\_\_\_\_. What word?
   Reread the sentence.

#### Partner Reading - Scaffolding lowest readers

- Highest reader in partnership is given the #1 and lower reader is given the #2. Partner #1 reads material. Partner #2 rereads the same material
- Lowest reader placed on triad and reads with another student
- Partners allowed to say "me" or "we"

- Procedure #4. Repeated Reading
  - Student reads the same material at the independent or instructional level a number of times (at three to four times).
  - General procedure
    - Cold-timing (one minute timing without prior practice)
    - Practice rereading of material to increase fluency
    - Hot-timing (one minute timing)
  - Often coupled with the following interventions:
    - Modeling done by teacher or listening to tape
    - Self-monitoring of progress through graphing

## Procedure #5 - Wide Reading Reading different types of text.

- Text at independent or instructional level
  - Short articles
  - Short stories
  - Novels
- Read with partners.

## **VOCABULARY**

# **Explicit Vocabulary Instruction Word Learning Strategies**

### **Explicit Instruction of Vocabulary - Why**

Vocabulary is related to reading comprehension.

"Indeed, one of the **most enduring findings** in reading research is the extent to which students 'vocabulary knowledge relates to their reading comprehension."

(Osborn & Hiebert, 2004)

### **Explicit Instruction of Vocabulary - Why**

- "direct vocabulary instruction has an impressive track record of improving students' background knowledge and comprehension of academic content." Marzano, 2001, p. 69
- .97 effect size for direct teaching of vocabulary related to content (Stahl & Fairbanks, 1986)

- Limit number of words given in depth instruction to 4 to 5 words. (Robb, 2003)
- Select words that are unknown.
- Select words that are critical to passage understanding.

- •Select words that students are likely to use in the **future.** (Stahl, 1986)
- •General academic vocabulary Words used in many domains. (suitcase words)

Examples: contrast, analyze, observe, evidence

Domain-specific vocabulary that provides background knowledge

Examples: tariff, acute angle, foreshadowing

 When possible, teach clusters of words that are meaningfully related.

Math: angles, acute, right, obtuse, straight angle

Science: matter, mass, weight, volume, density

Social Studies: colony, ethnic group, migration,

society, settlement, settler

- Select difficult words that need interpretation.
  - Words not defined within the text
  - Words with abstract referent
  - Words with an unknown concept

- Select a limited number of words.
- Select words that are unknown.
- Select words critical to passage understanding.
- Select words that can be used in the future.
- Select difficult words that need interpretation.

Text: American Journey Chapter 11, Section 1					
Publisher: Glencoe Jacksonian Democracy					
favorite son	majority	plurality	mudslinging		
landslide	nominating convention	tariff	suffrage		
nullify	secede				

Text: My World Chapter 4, Section 3

Publisher: Pearson Central America and the

Caribbean Today

* carnival	* Santeria	* diaspora	*microcredit
* ecotourism	indigenous	democracy	parliamentary system
dictatorship	free-trade agreements		

# Explicit Instruction of Vocabulary Organize words for Instruction

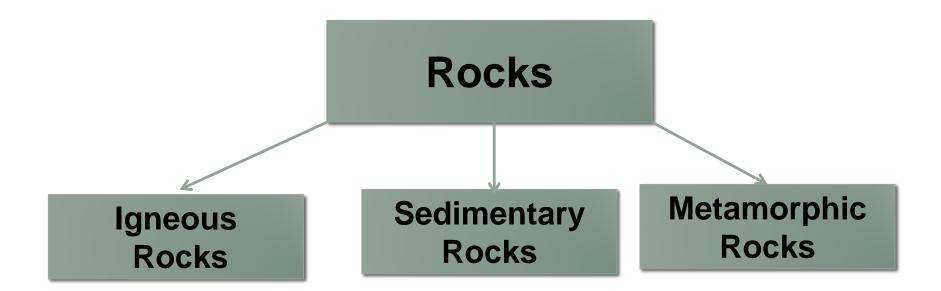
 Order words in list to stress relationships between words.

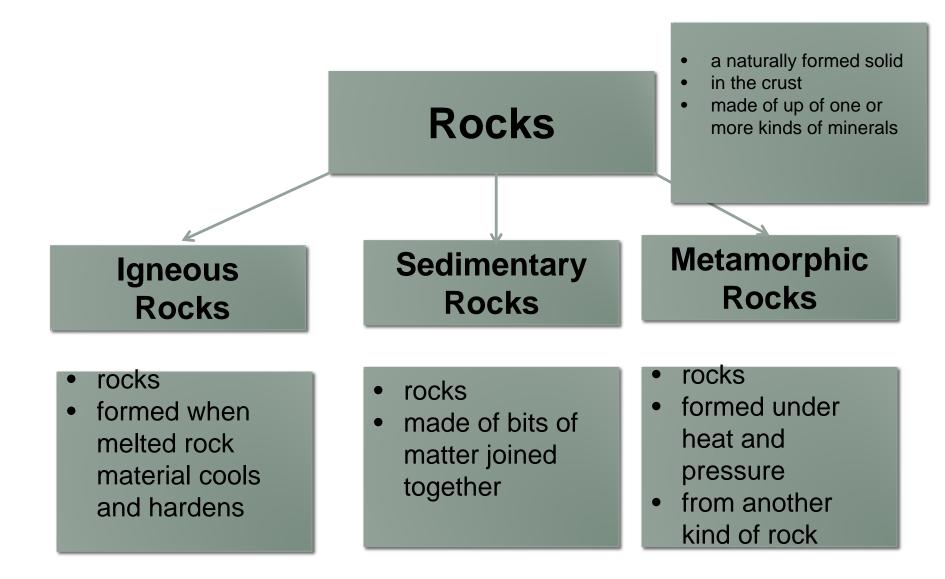
• Group words into semantic clusters to create a scheme. (Marzano & Marzano, 1988; Wixson, 1986)

## **Explicit Instruction of Vocabulary**Organize Words for Instruction

#### Rocks

rock	sediment	pollution
igneous rocks	sedimentary rocks	rock cycle
magma	fossil	classify
lava	humus	metamorphic rocks





# **Explicit Instruction of Vocabulary**Student-Friendly Explanation

- Dictionary Definition
  - protect to defend or guard from attack, invasion, loss,
    annoyance, insult, etc.; cover or shield from
    injury or danger
- Student-Friendly Explanation
  - Uses known words.
  - Is easy to understand.

To **protect** someone or something means to prevent them from being harmed or damaged.

# On-line Dictionaries with Student-friendly Explanations

Collins Cobuild Dictionary of American English http://www.collinslanguage.com/free-online-cobuild-ESL-dictionary dictionary.reverso.net/english/cobuild

Longman's

http://www.ldoceonline.com

(Longman's Dictionary of Contemporary English Online)

Heinle's

http://www.nhd.heinle17e.com/home.aspx

(Heinle's Newbury Dictionary for American English)

Merriam Webster's

http://www.learnersdictionary.com

(Pronunciation assistance: www.howjsay.com)

### Vocabulary Instructional Routine

Step 1: Introduce the word.

Step 2: Introduce the word's meaning.

Step 3: Illustrate the word with examples.

(and non-examples when helpful)

Step 4: Check students' understanding.

## Explicit Instruction of Vocabulary Secondary Example

#### **Step 1.** Introduce the word.

- a) Show the word on the screen.
- Read the word and have the students repeat the word.

  If the word is difficult to pronounce or unfamiliar have the students repeat the word a number of times or say the parts of the word as they tap.

Introduce the word with me.

This word is **suffrage**. What word? suffrage Tap and say the parts of the word. suf frage Read the word by parts. suf frage What word? suffrage **Suffrage** is a noun.

#### Step 2. Introduce meaning of word.

Have students locate the definition in the glossary or text and break the definition into the critical attributes. OR

Present the definition using critical attributes.

Glossary: Suffrage - the right to vote

#### suffrage

- the right
- to vote

### Step 3. Illustrate the word with examples.

- a. Concrete examples
  - objects
  - acting out
- a. Visual examples
- b. Verbal examples

Suffrage Examples

When the United States was founded only white men with property had <u>suffrage</u>.

At the time of the American Civil War, most white men had been granted <u>suffrage</u>.

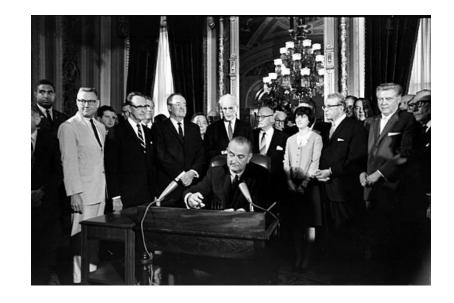
Suffrage Examples

In 1920, women were granted <u>suffrage</u>. The passage of the Nineteenth Amendment granted women the right to vote in all United States elections.



Suffrage Examples

The Voting Rights Act of 1965 outlawed discriminatory voting practices that denied suffrage to many African Americans in the United States.



Step 4. Check students' understanding.

Option #1. Ask deep processing questions.

Check students' understanding with me.

Why is suffrage a critical aspect of a democracy?

Begin by saying or writing:

Suffrage is a critical aspect of democracy for the following reasons. First, \_\_\_\_\_

Step 4. Check students' understanding. Option #2. Have students discern between examples and non-examples.

Check students' understanding with me.

Tell me **suffrage** or **not suffrage**.

The right to run for elected office. **not suffrage** Why not?

The right to vote. **suffrage** Why?

The right to develop ads for a candidate. **not suffrage** Why not?

Step 4. Check students' understanding.

Option #3. Have students generate their own examples.

Check students' understanding with me.

Make a list of ways that **suffrage** could be limited or compromised.



suffrage noun suffragist noun

In 1917, all women in the United States did not have **suffrage**, the right to vote. **Suffragists** in New York City collected more than a million signatures of women demanding voting rights. They then paraded down Firth Avenue with the signature placards.

Displayed on screen.

#### classify v

1. Introduce the word.

This word is **classify.** What word? *classify* 

Tap and say the syllables. *class i fy* Again. *class i fy* 

What word? classify

Classify is a verb, an action word.

Displayed on screen.

## classifyv

- 2. Introduce the word's meaning.
  - Present a student-friendly explanation.
- To classify things means to divide them into groups or types so that things with similar characteristics are in the same group.
- When you divide things into groups or types, you \_\_\_\_\_\_. classify
- Items in the group have similar characteristics.

- Displayed on screen.
- classify v

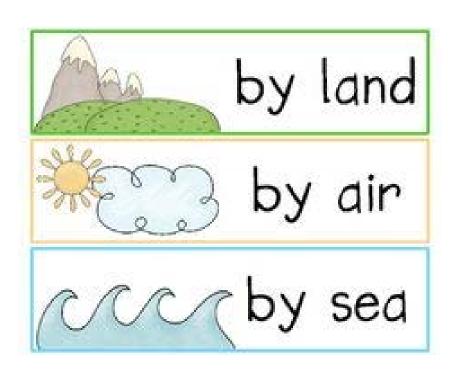
- synonyms
- categorize
- group
- sort
- order

# 2. Introduce the word's meaning.

- Echo read the synonyms for classify.
- categorize categorize
- group group
- sort sort
- order order

### Step 1: Illustrate the word with examples.

(and non-examples when helpful)

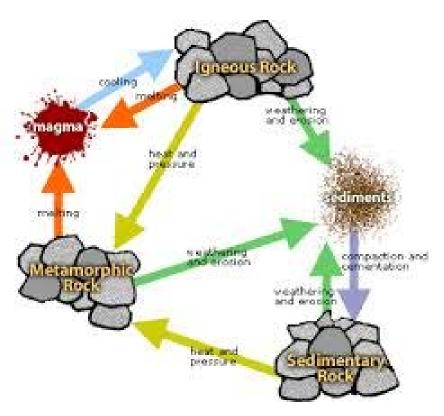


 You could classify vehicles into these three groups: vehicles that travel by land, vehicles that travel by air, vehicles that travel by sea.

Ones, tell your partner a vehicle in each group. (Pause) Twos, tell your partner a vehicle in each group.

### Step 1: Illustrate the word with examples.

(and non-examples when helpful)

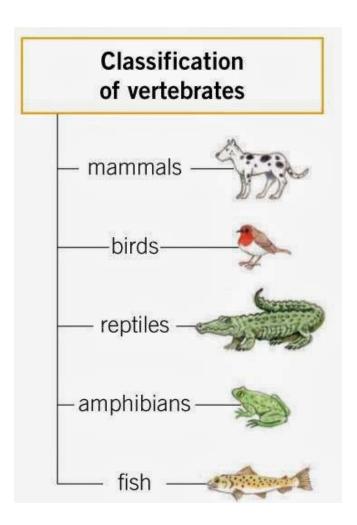


 We can classify rocks as igneous rock, sedimentary rock, and metamorphic rock. (Point to each type of rock.)

- Step 4: Check students' understanding.
- We can classify animals with backbones (vertebrates) into groups. For example, one group would be birds.

 With your partner, list other groups with similar characteristics that could be used to classify animals. (Circulate and monitor. Record and share the students' ideas.)

#### Practice 1 Word Family



- classify
- classifying
- classified
- classification
- In science, we classify things into groups based on similar characteristics. When classifying vertebrates, similar body traits are used. Vertebrates can be classified into these groups: mammals, birds, reptiles, amphibians, and fish. Classification is an important part of science studies.

#### (Displayed on screen.)

- classify
- classifying
- classified
- classification
- In science, we classify things into groups based on similar characteristics. When classifying vertebrates, similar body traits are used.
   Vertebrates can be classified into these groups: mammals, birds, reptiles, amphibians, and fish. Classification is an important part of science studies.

#### (Teacher instruction.)

- These words are in the "classify" word family. Echo read the words.
- classify classify
- classifying classifying
- classified classified
- classification
- I will read this paragraph. When I stop, say the next word.

(Displayed on the screen.)

fossil n

- any remains or imprint
- of living things
- of the past

- 1. Introduce the word.
- This word is fossil. What word? fossil
- Fossil is a noun, a thing.
- Write the word fossil in you science journal. (Circulate and monitor.)

(Displayed on the screen.)

fossil n

- any remains or imprint
- of living things
- of the past

### 2. Introduce the word's meaning.

- Let's read the parts of the definition.
- any remains or imprint
- of living things
- of the past
- When we have the remains of an ancient living thing, we have a \_\_\_\_\_\_. fossil
- List the parts of the definition in your science journal. (Circulate and Monitor)

3. Illustrate with examples and non-examples.

This is a **fossil**. The image of an ancient fish is imprinted on this material.



#### 3. Illustrate with examples and non-examples

This is not a **fossil**. This fish is living, not dead. There are no remains of a fish from the past.



3. Illustrate with examples and non-examples.

This is a fossil. The remains (skeleton) of this ancient dinosaur is a **fossil**.



3. Illustrate with examples and non-examples.

This shell is a **fossil**. The image of a shell from the past is imprinted in this material. This shell was once part of a living animal.



3. Illustrate with examples and non-examples.

This ancient sword is NOT a fossil. The sword is not a living thing.



# 4. Check students' understanding. Agree/Disagree/Why

This leaf is a fossil.



# 4. Check students' understanding. Agree/Disagree/Why

This leaf is a fossil.



# 4. Check students' understanding. Agree/Disagree/Why This is a fossil.



4. Check students' understanding.

Draw a picture of a **fossil** in your science journal.

# **Word-Learning Strategies**

Use of context clues.

- Use of meaningful parts of the word
  - Prefixes
  - Suffixes
  - Roots
- Word families
- Use of dictionary, glossary, or other resource

# Word-Learning Strategies-Use of context clues

- Teach students to use context clues to determine the meaning of unknown vocabulary. (Baumann, Edwards, Boland, Olejnik, & Glopper, 1998; Gipe & Arnold, 1979; Kame'enui, 2003; )
- If a student reads 100 unfamiliar words in print, he/she will only learn between 5 to 15 words.
   Thus, we can not depend on learning words from context as the sole method for vocabulary attainment.

(Nagy, Hermann, & Anderson, 1985; Swanborn & de Glopper, 1999)

# Word Learning Strategies-Use of context clues

#### **Context Clues**

- 1.Read the sentence in which the unknown word occurs. Look for clues as to the word's meaning.
- 2. Read the surrounding sentences for clues as to the word's meaning.
- 3. Look at the parts of the word (prefixes, roots, suffixes).
- 4. Ask yourself, "What might the word mean?"
- 5. Try the possible meaning in the sentence.
- 6.Ask yourself, "Does it make sense?"

# The Most Common Prefixes in English

Prefix	Meaning	% of prefixed words	Examples
un	not; opposite	26%	uncover, unlock, unsafe
re	again; back	14%	rewrite, reread, return
in/im/ir/il	not; into	11%	incorrect, insert, inexpensive, illegal, irregular, inability
dis	away, apart, negative	7%	discover, discontent, distrust
en/em	cause to	4%	enjoy, endure, enlighten, entail
mis	wrong; bad	3%	mistake, misread, misspell, misbehave
pre	before	3%	prevent, pretest, preplan
pro	in favor of	1%	protect, profess, provide, process
а	not; in, on, without	1%	atypical, anemia, anonymous, apolitical, apathy

# **Most Common Suffixes in English**

Suffix	Meaning	%of prefixed words	Examples
s, es plural			movies, wishes, hats, amendments
ed past tense	in the past	20%	walked, jumped, helped
ing present tense	In the present	14%	walking, jumping, helping
ly adverb	how something is	7%	quickly, fearfully, easily, happily, majestically, nonchalantly
er,or noun	one who, what/that/which	4%	teacher, tailor, conductor, boxer, baker, survivor, orator
ion, tion, sion noun	state, quality; act	4%	action, erosion, vision, invitation, conclusion, condemnation
able, ible adjective	able to be, can be done	2%	comfortable, likable, enjoyable, solvable, sensible, incredible
al, ial adjective	related to, like	1%	fatal, cordial, structural, territorial, categorical

## Common Latin and Greek Roots

aqua	water	Greek	aquarium, aqueduct, aquaculture, aquamarine, aquaplane, aquatic
aud	hearing	Latin	audio, audition, audiovisual, auditorium, audiotape, inaudible
auto	self	Greek	autograph, autobiography, automobile, autocrat, autonomy
astro	star	Greek	astronomy, astrophysics, astrology, astronaut, astronomer, asterisk
biblio	book	Greek	Bible, bibliography, bibliophobia, bibliophile, biblioklept
bio	life	Greek	biography, biology,autobiography, bionic, biotic, antibiotic, biome, bioshere, biometrics
chrono	time	Greek	synchronize, chronology,chronic, chronicle, anachronism
corp	body	Latin	corpse, corporation, corps,incorporate, corporeal, corpulence
demo	the people	Greek	democracy, demography,epidemic, demotic, endemic, pandemic
dic, dict	speak, tell	Latin	dictate, dictation, diction, dictator, verdict, predict, contradict, benediction, jurisdiction, predict, indict, edict
dorm	sleep	Latin	dormant, dormitory, dormer, dormouse, dormition, dormitive
geo	earth	Greek	geology, geologist, geometry, geography, geographer, geopolitical, geothermal, geocentric

## **Common Latin and Greek Roots**

graph	to write, to draw	Greek	autograph, biography, photograph, telegraph, lithograph
hydro	water	Greek	hydroplane, dehydrate, hydroelectric, hydrogen, hydrophone
ject	throw	Latin	reject, deject, project, inject, injection, projection
logos, logy	study	Greek	geology, astrology, biology, numerology, zoology, technology, psychology, anthropology, mythology
luna	moon	Latin	lunar, lunacy, lunatic, interlunar
meter	measure	Greek	meter, thermometer, diameter, geometry, optometry, barometer, centimeter, symmetry, voltammeter
mega	great, large, big	Greek	megaphone,megalith, megalomania, megatons, megalopolis
min	small, little	Latin	minimal, minimize, minimum, mini, miniature, minuscule, minute, minority
mit, mis	send	Latin	mission, transmit, transmission, remit, missile, submission, permit, emit, emissary
path	feeling, suffering	Greek	pathetic, pathology, apathy, antipathy, sympathy, telepathy, empathy, sociopath
ped	foot	Latin	pedestrian, pedal, peddle, peddler, pedicure, pedometer
philia	love, friendship	Greek	philosopher, Philadelphia, philanthropist, philharmonic, Philip

## **Common Latin and Greek Roots**

phono	sound	Greek	phonograph, microphone, symphony, telephone, phonogram, megaphone, phony, euphony, xylophone, phony,
photo	light	Greek	photograph, photosynthesis, telephoto, photometer, photophilia
port	carry	Latin	port, transport, transportation, portable, portage, report
spect	see	Latin	respect, inspection, inspector, spectator, spectacles, prospect
scope	look at	Greek	microscope, telescope, periscope, kaleidoscope, episcopal
sol	sun	Latin	solar, solar system, solstice, solarium, parasol
struct	build, form	Latin	instruct, instruction, construction, reconstruction, destruct, destruction, infrastructure, construe, instrument, instrumental
tele	distant	Greek	telephone, television,telegraph, telephoto, telescope, telepathy, telethon, telegenic
terra	land	Latin	territory, terrestrial, terrace, terrarium, extraterrestrial, Mediterranean Sea, terra cotta, subterranean

# Word Learning Strategies-Word Families

- A group of words related in meaning. (Nagy & Anderson, 1984)
- If you know the meaning of one family member, you can infer the meaning of related words.

enthusiasm enthusiastic enthusiastically	collect collecting collection collector	educate educated education educator

unpredictability

imperial	predict	communicate	evaluate
Imperialism	prediction	communicated	evaluating
imperialistic	predictable	communicating	evaluation
	predictability	communication	
	unpredictable		

# Word Learning Strategies - Use of glossary/dictionary

#### Glossary/Dictionary

- 1. Locate the unknown word in the glossary or the dictionary.
- Read each definition and select the best one.
- 3. Try the possible meaning in the sentence.
- Ask yourself, "Does it make sense?"

# COMPREHENSION

# Background Knowledge Previewing Comprehension Strategies

# Increased Emphasis on Informational Text Reading

Distribution of Literary and Informational Passages by Grade in the 2009 NAEP Reading Framework

•	Grade 4	Literary 50%	Informational 50%
•	Grade 8	Literary 45%	Informational 55%
•	Grade 12	Literary 30%	Informational 70%

Source: National Assessment Governing Board. (2008). *Reading framework for the 2009 National Assessment of Educational Progress*. Washington, DC: U.S. Government Printing Office.

# Preview - Comprehension

Frontload background knowledge

Preview the text

 Teach and promote use of effective comprehension strategies

# Frontload Background Knowledge - Why

"Students who lack sufficient background knowledge or are unable to activate it may struggle to access, participate, and progress through the **general curriculum**." Strangman, Hall, & Meyer, 2004

# Frontload Background Knowledge - Why

Read this paragraph and explain it to your partner.

From a neuroanatomy text (found in *Background Knowledge* by Fisher and Frey)

Improved vascular definition in radiographs of the arterial phase or of the venous phase can be procured by a process of subtraction whereby positive and negative images of the overlying skull are imposed on one another.

# Frontload Background Knowledge - Why

# **BIG IDEA**

Even a thin slice of background knowledge is useful.

# Frontload Background Knowledge - How

#### **Preparation**

- 1. What is critical?
- 2. What information would ease acquisition of new knowledge?
- 3. What information would reduce cognitive overload?

# Frontload Background Knowledge - How

#### **Anchor Instruction in:**

- Supplementary informational Text
- Power-point
- Visuals
- Video

# CHAPTER 11 THE JACKSON ERA 1824-1845

Section 1

**Jacksonian Democracy** 

# **Essential Question**

How did **political beliefs** and **events** shape Andrew Jackson's Presidency?

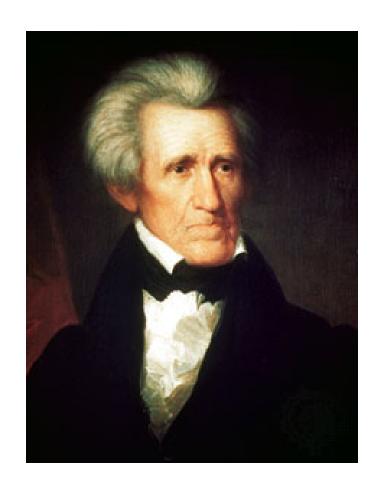
Background Knowledge

#### **President**

- 7th President
- 1829 1837

#### **Early Life**

- Parents emigrated from Ireland
- Father died before his birth
- Mother died when he was 14
- Two brothers also died



Background Knowledge

#### **Career - Military**

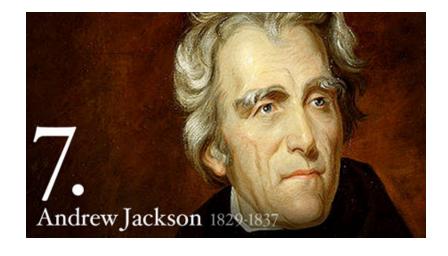
- At 13 joined Continental Army
- Major General of Tennessee Militia
- Lead campaign against Creek Indians in Georgia
- In 1815 lead military victory over British at the Battle of New Orleans



Background Knowledge

#### **Career - Politician**

- Lawyer
- US Representative
- US Senator
- Circuit Judge
- President



Background Knowledge

#### **Personal Life**

- Married Rachel Jackson
- Two adopted children
- Owned large cotton plantation with 150 slaves
- Killed man in pistol duel



Background Knowledge

 Andrew Jackson's likeness is found on every 20.00 bill

 The 20.00 bill is ofte referred to as a Jackson





# **Preview the Text - Why**

As the student previews, he/she discovers:

- the topics to be covered,
- the information that will be emphasized,
- how the material is organized.
- In addition, background knowledge is activated.

#### **Preview the Text - How**

- Guide students in previewing the chapter and formulating a topical outline using the text structure: title, introduction, headings, subheadings, questions.
- Has students preview the selection independently, with his/her partner, or team members.

#### **Preview the Text**

#### Warm-Up

Before you read a chapter or a section of a chapter in your science, social studies, or health book, Warm-up. Get an idea of the chapter's content by previewing these parts.

#### **BEGINNING**

- Title
- Introduction

#### **MIDDLE**

- Headings
- Subheadings

#### **END**

- Summary
- Questions

Curriculum Associates, Skills for School Success

# Preview: Jacksonian Democracy

#### The Election of 1824

Striking a Bargain
The Adams Presidency

#### The Election of 1828

**Jackson Triumphs** 

#### **Jackson as President**

"Old Hickory"
New Voters
The Spoils System
Electoral Changes

## **Comprehension Strategies**

- Ask appropriate questions during passage reading.
- Have students generate questions.
- Teach text structure strategies that can be applied to passage reading.

### **Comprehension - Informational Text**

- Read (a paragraph or a number of related paragraphs)
- Stop
- Respond
  - answer teacher questions
  - generate questions/answer questions
  - verbally retell content
  - Paragraph Shrinking
  - mark text /notes in margin
  - take notes (two column notes, foldables)
  - map/web content

#### **Curriculum Questions**

- Ask questions provided in the curriculum material.
- Adapt or supplement curriculum questions.

#### The Teacher-Generated Questions

- Divide the material into appropriate segments.
- Develop questions on the content, focusing on the most important understanding, reflecting your essential question and/or reading purpose.

## **Grades 6 - 12 Key Ideas and Details**

Cite textual evidence

for what is stated explicitly

for inferences

Determine central idea

objectively summarize text

analyze development of central idea

#### Analyze

key individuals, events, ideas

interactions between individuals, events, ideas

## **Grades 6 - 12 Craft and Structure**

Determine meaning of words and phrases
Analyze choice of words on meaning and mood
Analyze structure of sentence, paragraph, chapter
Analyze and evaluate development of ideas or claims
Determine and analyze point of view

## **Grades 6 - 12 Integration of Knowledge and Ideas**

Analyze topics through different sources
determine emphasized details
integrate information from different sources to
answer a question

Delineate and evaluate argument and claims in text assess validity of reasoning assess sufficiency of evidence identify false statements

Analyze significance of historical documents

#### Guidelines:

- Purpose: Keep the reading purpose in mind as you select, adapt, or write questions.
- 2. **Text Dependent Questions:** Ask questions that focus on information (evidence) provided in the text.
- 3. **All Respond:** Everyone thinks.

Everyone writes.

Everyone shares with his/her partner.

### **Text-Dependent Questions**

Ask questions that focus on information (evidence) provided in the text.

Students must answer the questions based on passage information NOT on previous experience or personal ideas.

Keep students cognitively in the text... don't draw them out of the text.

#### Guidelines continued:

4. Think Time: Provide an adequate amount of thinking time.

For higher order questions, provide up to 6 seconds.

Results: More detailed, logical answers

More evidence

Greater participation

Number of questions asked increases

#### Guidelines continued:

#### 5. Scaffold as needed:

- Ask **foundation questions** before higher order questions
  - Support answers with sentence starters
  - Use optimum active participation strategies

### Scaffolding - Sentence Frames

Scaffolding Answers with Sentence Starters

Why were Adams and Clay accused of making a "corrupt bargain" (stealing the election)?

Begin by saying or writing:

Adams and Clay were accused of making a "corrupt bargain" for a number of reasons.

### Scaffolding – Foundation Questions

#### **Scaffolding Questions:**

#### **Scaffolding Questions**

How many political parties were there in 1824?

Four men in the party ran for president. Did Andrew Jackson get a majority of votes?

Which of the 4 candidates received the most votes?

Who did the House of Representatives select as president?

Who helped Adams to be elected as president?

What position in the government was Clay given?

#### Big Question to be asked:

Why were Adams and Clay accused of making a "corrupt bargain" (stealing the election)?

### Scaffolding – Active Participation

Procedure for asking students questions on text material.

#### Saying answer to partner (Partners First)

- 1. Ask a question
- 2. Give students thinking time or writing time
- 3. Provide a verbal or written sentence starter or paragraph frame
- Have students share answers with their partners using the sentence starter
- 5. Call on a student to give answer
- 6. Engage students in a discussion

# **Comprehension - Informational Text**Students Generate Questions

## Option 1: Students generate questions based on headings and subheadings

- 1. Read the heading or subheading
- 2. Generate one or two questions
- Read the section
- 4. Answer the question(s)

## Classifying Rocks

Question

How do you classify rocks?

How are rocks classified?

Answer

Rocks are classified by mineral composition, color, and texture.

### How Rocks Form

Question	Answer
Igneous rocks How do igneous rocks form?	
Sedimentary rocks How do sedimentary rocks form?	
Metamorphic rocks How do metamorphic rocks form?	

### How Rocks Form

Question	Answer
Igneous rocks	Igneous rocks are formed when magma or lava cools.
Sedimentary rocks	
Metamorphic rocks	

Why was Poe	
labeled a "loner"?	- orphaned by three
	- separated from siblings
	- conflict with foster family
	- unable to gain approval
	of foster father
What turmoil and	
grief did Poe face?	- lost job
	- plagued with alcoholism &
	illness
	- wife died of tuberculosis
Why is Poe considered	
a literary giant?	- considered first modern writer
	- Poe's stories continue to be
	read

# **Comprehension - Informational Text**Students Generate Questions

## Option 2: Students generate study questions after reading segment

- 1. Read a paragraph or related paragraphs
- 2. Generate one or two questions
- 3. Record the questions
- 4. Answer the questions

# Energy and Work p. 297

What is work?

Work is done when energy is transformed (changed) or transferred (moved) to another system.

# Energy is measured in joules. (p. 297)

When can we observe energy?

We can only observe energy when it is transferred from one object to another.

# Energy is measured in joules. (p. 297)

How do we express the amount of energy?

Energy is the ability to do work. Work is expressed in joules.

Energy is expressed in joules.

# Potential Energy (p. 298)

What is elastic potential energy?

Elastic potential energy is energy stored in a stretched elastic material.

# Potential Energy (p. 298)

What is gravitational potential energy?

Gravitational potential energy is the stored energy in two objects resulting from gravitational attraction between the two objects.

# Potential Energy (p. 298)

What determines the amount of gravitational potential energy?

The amount of gravitational potential energy depends on:

- the mass of the objects
- the distance between them.

### Comprehension - Informational Text Comprehension Strategies

- Teach students strategies that can be used during reading of informational text.
  - Marking the Text
  - Adding Notes in the Margin
  - Two Column Note-taking
  - Mapping
  - Foldables
  - Verbal Rehearsal
- Informational text strategies are based on the pattern found in factual paragraphs:

topic and critical details.

### Comprehension - Informational Text Comprehension Strategies

### Marking the Text

- 1. Number the paragraphs
- 2. Circle the topic and/or topic sentence
- 3. Underline supportive details

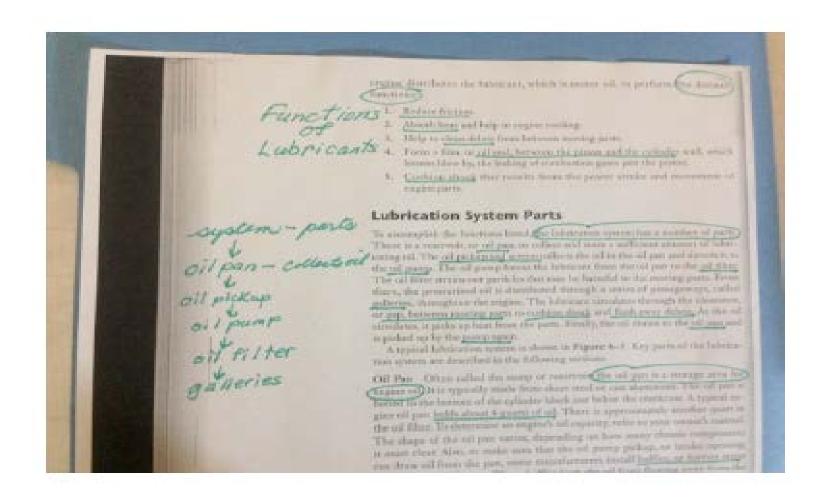
### Comprehension - Informational Text Comprehension Strategies

### **Notes in the Margin**

Notes in the margin might include:

- Topic
- A summary of the critical content
- Key vocabulary terms and definitions
- A drawing to illustrate a point
- Responses to interesting information, ideas, or claims

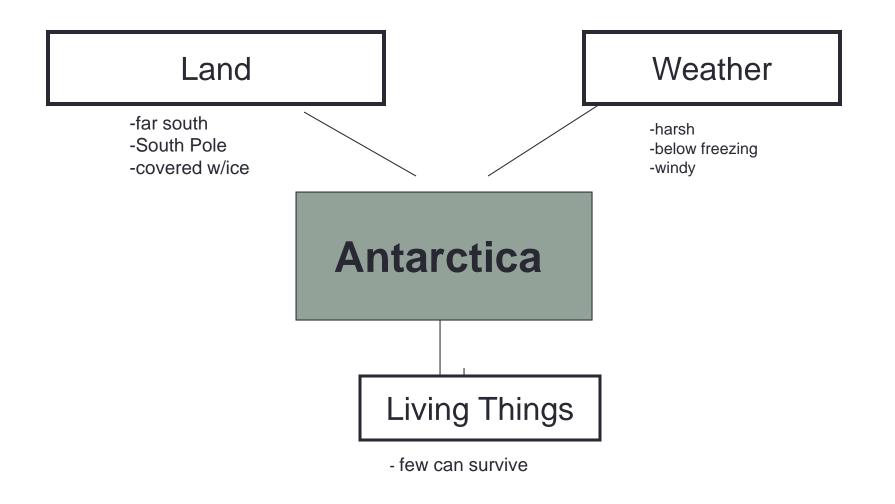
#### The Car Care Book, 4th Edition by Ron Haefher Marking the Text



## Comprehension - Informational Text Comprehension Strategies Two Column Notes

Antarctica	- far south continent
	- South Pole
	- Covered with ice
Weather	- Harsh
	- Below Freezing
	- Windy
Living Things	- Few
	Antarctica, the most southern continent, has very harsh weather and is covered in ice. Few living things survive on Antarctica.

## Comprehension - Informational Text Comprehension Strategies Mapping/Webbing



Cells TISSIES Organs Body Systems

defention europle new cells - carry from hair Cello are taxic Sulding blocks skircella- com mifenew elela 7 travie Lessues are grape that do same kind of work Organo are structure - muscle terrie Heart whole up there of - new trace - Hord tracel tioned that all was together. Body systems are - function system graph of agains a specific functions

#### Paragraph Shrinking

- Name the who or what.
   (The main person, animal, or thing.)
- 2. Tell the most important thing about the who or what.
- 3. Say the main idea in 10 words or less.

(Optional: Record your main idea sentence.)

(From the PALS program by Fuchs, Mathes, and Fuchs)

#### The Coldest Continent

Antarctica is not like any other continent. It is as far south as you can go on earth. The South Pole is found there. Ice covers the whole land. In some places the ice is almost three miles thick. Beneath the ice are mountains and valleys.

The weather in Antarctica is harsh. It is the coldest place on Earth. The temperature does not get above freezing. It is also one of windiest places in the world

Not many living things are found in Antarctica. People go there to study for only a short time. Very few animals can live there. Yet many animals live on nearby islands. Seals and penguins swim in the ocean waters. They build nests on the land. Some birds spend their summers in Antarctica. But most of the continent is just ice, snow, and cold air.

## Writing – to - Learn

Summaries
Compare and Contrast
Explanations
Arguments

## Writing – to – Learn

## Why?

## Learning

- Students learn more due to
  - Rehearsal
  - Retrieval
- Promotes critical thinking
- Helps clarify thinking

## Writing – to – Learn Why?

### **Engagement**

- Active thinking
- Active reflection
- Active participation
- When writing precedes discussion,
  - More thoughtful participation
  - Increased diversity of student voices

## Why?

## Writing

- Develops writing skills
- Keeps writing skills sharp
- Increases ability to communicate in domain

## Why?

#### **Embedded Formative Assessment**

- Students can appraise their grasp of critical content and concepts
- Teachers can appraise grasp of critical content and concepts

## Writing – to – Learn What

#### **Short Writing Tasks**

- Writing-to-Learn
- Develop big ideas and concepts
- Embedded within the lesson
  - Beginning
  - During
  - End
- Focus on ideas rather than correctness of style, grammar, or spelling
- Less structured than disciplinary writing

## Writing – to – Learn What

The following types of products will be particularly useful in terms of writing practice, comprehension, and content learning:

# Summaries Compare and Contrast Explanations Arguments

## HOW – Scaffolding

## **Scaffolding**

Students' writing can be supported using:

- Writing Strategies
- Writing Frames
- Think Sheets

## SUMMARIES

Students summarize chapter, segment of chapter, article, lecture, or unit focusing on the most critical content.

## Sum it up

Step 1. **LIST** (Make a list of important ideas.)

Step 2. **CROSS-OUT** (Cross out any unnecessary or weak ideas.)

Step 3. **CONNECT** (Connect ideas that could go in one sentence.)

Step 4. **NUMBER** (Number the ideas in the order that they will

appear in the paragraph.)

Step 5. **WRITE** (Write the paragraph.)

Step 6. **EDIT** (Revise and proofread your answer.)

REWARDS PLUS (Sopris Learning)

- began as a religious ceremony
  - honored the Greek god Dionysus
  - beliefs in Dionysus began to spread southward
  - 2 choruses chanted lyrics
  - 3 actors joined the choruses
    - the Dionysus festival in Athens became a drama competition
      - amphitheaters were built
    - performed tragedies that taught lessons
    - performed comedies that made fun of life
  - 6 -declined when playwrights died and the government changed

The roots of modern theater can be found in early Greek theater. Greek theater began as a religious ceremony that honored the Greek god Dionysus. At first, choruses chanted lyrics. When actors were added to interact with the chorus, theater was born. Later, the Dionysus festival in Athens became a drama competition, and amphitheaters were built to accommodate the event. Both tragedies, which taught lessons, and comedies, which made fun of life, were performed. Greek theater declined when the great playwrights died and the government changed.

## **Summary - Informational Text**

Chapter:	Topic:		
In this section of the	e chapter, a nun	mber of critical points were made abo	ut
First, the authors po	ointed out that	••	
This was important	because		
Next, the authors m	entioned that		
Furthermore, they is	ndicated		
This was critical be	cause		
Finally, the authors	suggested that	t	

## **Summary - Informational Text** – Example

Chapter: Drifting Continents

Topic: Wegener's Theory

• In this section of the chapter, a number of critical points were made about Alfred Wegener's theory of continental drift. First, the authors pointed out that Wegener believed that all the continents were once joined together in a single landmass that drifted apart forming the continents of today. This was important because it explained why the outline of the continents as they are today fit together. Next, the authors mentioned that Wegener argued that there were many pieces of evidence supporting his theory of continental drift. Furthermore, they indicated that Wegener used evidence of similar landforms and fossils on different continents to prove his theory. This was critical because other scientists could validate this evidence. Finally, the authors suggested that despite this evidence, other scientists did not accept Wegener's theory because he could not explain the force that pushes and pulls the continent.

## Why

- •There are a number of reasons why writing frames are beneficial to students.
- The most important reason is...
- Another reason is ...
- A further reason is ...
- •So you can see why…

## **Summary - Video**

Although I already knew that ...

I learned some new facts from the video titled ...

I learned ...

I also discovered that...

Another fact I learned was ...

However, the most important/interesting thing I became aware of was...

## COMPARE AND CONTRAST

## **Compare and Contrast**

... and ... are similar in a number of ways. First, they both..... Another critical similarity is ... An equally important similarity is ... Finally, they ... The differences between ... and ... are also obvious. The most important difference is ... In addition, they are ...

In the final analysis, ... differs from ... in two major ways: ...

## **Compare and Contrast - Example**

Narrative and informative written products are similar in a number of ways. First, they both have an author intent on sharing his/her ideas. Another critical similarity is the goal of informative and narrative writing: to communicate to a reader or group of readers. An equally important similarity is that both genre' utilize the words, mechanics, and grammar of the author's language. Finally, both are read on a daily basis across the world.

The differences between narrative and informative written products are also obvious. The most important difference is their purpose. Narratives convey a story, real or imagined, while informative products transmit information that the reader needs or is interested in learning. In addition, they are structured differently. The structure of a narrative is based on the elements of a story: settings, characters, the character's problems, attempts at resolving the problem, and finally its resolution. In contrast, when writing an informative product, authors organize the information into paragraphs each containing a topic and critical details. In the final analysis, narratives differ from informative text in two major ways: content and structure.

## Compare and Contrast

```
... and ... are the same in several ways .

First of all, ... and ... are both ....

Likewise, they are ....

In the same way, they are ....

Therefore, ... and ... have much in common.
```

```
... and ... are different in several ways. First of all, ... is/are ... while ... is/are ... Moreover, ... are/is ... while ... is/are ... Another way that they are differ is ...
```

## Compare and Contrast

Although...and...are different..., they are alike in some interesting ways.

For example, they both...

They are also similar in

The...is the same as...

The ...resembles...

Finally they both...

# **Compare and Contrast** Item # 1 Item # 2 Similarities Differences Item #1 Item #2

#### **Compare and Contrast**

Item # 1 Senate

Item # 2 House of Representatives

#### **Similarities**

- Both are part of the legislative branch of government
- Two parts of the Congress
- Members of Congress are elected by citizens of states
- Joint powers make laws, declare war, collect taxes
- •

#### **Differences**

	Senate	House of Representatives		
Number	• 100 Senators	<ul> <li>435 Representatives</li> </ul>		
Number from each state	• 2 per state	Determined by population		
Qualifications	<ul> <li>At least 30 years old</li> </ul>	At least 25 years old		
	• US citizen for 9 years	US citizen for 7 years		
	<ul> <li>Resident of state</li> </ul>	Resident of state		
Different Powers	<ul> <li>Ratify treaties</li> </ul>	Starts spending bills		
	Confirm presidential     nominations	Impeaches high officials		
	Tries impeached	If electoral college has		
	officials	tie, elects president		

## Compare

The Senate and the House of Representatives are similar in a number of ways. First, they are both part of the legislative branch of government referred to as Congress. Furthermore, citizens in each state must elect the senators and representatives that serve in Congress. In addition, the two bodies of Congress have a number of joint powers including the power to make laws, declare war, and collect taxes.

## **Contrast**

While the Senate and House are similar in a number of ways, their membership composition differs. There are 100 elected senators with two senators from each state regardless of the state's population. In contrast, the House has a total of 435 representatives with the number from each state dependent on the state's population. The qualifications also differ between senators and representatives. Representative must be at least 25 years old, a US citizen for 7 or more years, and a legal resident of the state that they represent. On the other hand, a senator must be at least 30 years old, a US citizen for 9 years or more, and a legal resident of their state.

The Senate and House of Representatives, while given joint powers, are also accorded separate powers. The Senate is given the responsibility for ratifying treaties, confirming presidential nominations, and trying impeached officials. In contrast, the House of Representatives' specific powers include initiating spending and tax bills, impeaching high officials, and determining who will be president if the Electoral College ends in a tie.

## **EXPLANATIONS**

How (Does mass affect how quickly an object falls? How does a computer work? How are mountains formed? How does a spider spin a web?)

Why (Why do some things float or sink? Why is the ozone layer getting thinner? Why does iron go rusty? Why do living things need food?)

# Scientific Explanations Question:

<ul><li>Claim</li><li>a statement that answers the question</li></ul>	
<ul><li>Evidence</li><li>scientific data that supports the claim</li></ul>	
<ul> <li>Reasoning</li> <li>a justification for why the evidence supports the claim using scientific principles</li> </ul>	

## Scientific Explanations Question: How was the Grand Canyon formed?

#### Claim

•a statement that answers the question

The Grand Canyon was mainly formed by water cutting into and eroding the soil.

#### **Evidence**

•scientific data that supports the claim

The soil in the Grand canyon is hard, cannot absorb water, and has few plants to hold it in place. When it rains in the Grand Canyon it can rain very hard and cause flash floods. The flash floods come down the side of the Grand Canyon and into the Colorado River.

#### Reasoning

•a justification for why the evidence supports the claim using scientific principles Water moving can cause erosion. Erosion is the movement of materials on the earth's surface. In terms of the Grand Canyon, The water moved the soil and rock from the sides of the Grand Canyon into the Colorado River where it was then washed away.

McNeill, 2013

## **Explanation - Why**

There are a number of reasons why ....

The most important reason is...

Another reason is ...

A further reason is ...

So you can see why...

## **Explanation**

There are differing explanations as to why (how, what, when)...

One explanation is that....

The evidence for this is ...

An alternative explanation is...

The basis of this explanation is ...

Of these possible explanations, I think the most likely is ...

## **Explanation**

There are differing explanations as to why...

One explanation for this is...

The evidence for this is ...

An alternative explanation is ...

The explanation is based on...

Of the alternative explanations, I think the most likely is...

## **Analysis of Graphic**

The title of this graphic is...

The type of graphic is ....

Its purpose is to ...

One critical observation that I made was...

This is important because ...

I reached a number of conclusions through my analysis of this graphic.

First, ....

Second, ....

Finally, ...

## Analysis of Graphic

Title of Graphic	
Type of Graphic	
Purpose	
Observations	a.
	b.
	C.
Conclusions	a.
	b.
	C.

## **Process**

```
To ..., you need to follow these basic steps.

First, you need to ...

Next ...

Then...

When you finish, you should have ....
```

## **Problem-Solution**

In this problem, we were asked to figure out....

Some information was already given including ... and ...

When creating a plan to solve this problem, I decided to follow a number of steps.

First, I....

Next, I...

Then, I ...

Finally, I ...

After following these steps, I determined that the answer was ...

To check this answer, I ...

Based on my verification of the answer, I am quite certain that it is accurate.

## ARGUMENTS

## **Argument**

Though not everybody would agree, I want to argue that...

I have several reasons for arguing this point of view.

My first reason is ...

A further reason is...

Furthermore...

Therefore, although some people might argue that ...

I have shown that ...

## Argument

There is a lot of discussion about whether...

The people who agree with this idea claim that...

A further point they make is ...

However, there are also strong arguments against this point of view.

People with the opposing view believe that...

They say that...

Furthermore, they claim that...

After examining the different points of view and the evidence for them, I think... because...

## **Opinion**

```
I think that ...
I feel this way because ...
Another reason I feel this way is...
Most importantly, I think ...
For these reasons, I believe that ...
```

## **Exit Ticket**

name:			
<b>Directions:</b>	Complete	 of these	statements

- 1.Today I learned...
- 2.I was surprised by...
- 3. The most useful thing I will take from this lesson is...
- 4. One thing I am not sure about is....
- 5. The main thing I want to find out more about is....
- 6. After this lesson, I feel...
- 7.I might have gotten more from this lesson if....

## Thank you

May you thrive as an educator.

How well we teach = How well they learn