

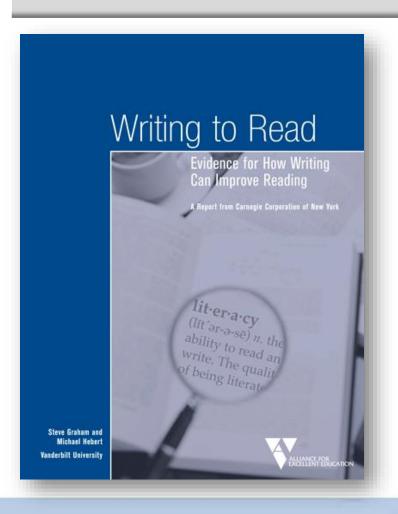
Reading & Writing Across the Curriculum



How Writing About a Text Can Lead to Greater Comprehension!



Writing to Read



Evidence for How Writing
Can Improve
Reading

A Report from Carnegie Corporation of New York 2010

Steve Graham and Michael Hebert: Vanderbilt University



Outcomes

Participants will

1. Access three writing recommendations to support student comprehension of content area texts used.

2. Review strategies based on the three recommendations.

Writing can be a vehicle for improving reading.

Art

Math

In particular, having students write about a text they are reading enhances how well they comprehend it.

OUVEITHICH

Psychology



- I. HAVE STUDENTS WRITE ABOUT THE TEXTS THEY READ. Students' comprehension of science, social studies, and language arts texts is improved when they write about what they read, specifically when they
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Students' reading skills and comprehension are improved by learning the skills and processes that go into creating text, specifically when teachers

- Teach the Process of Writing, Text Structures for Writing, Paragraph or Sentence Construction Skills (Improves Reading Comprehension)
- Teach Spelling and Sentence Construction Skills (Improves Reading Fluency)
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Recommendation #1



Have students write about the text they read.

Students' comprehension of science, social studies, and language arts texts is improved when they write about what they read.

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Writing About Text Proved to Be Better Than Just...

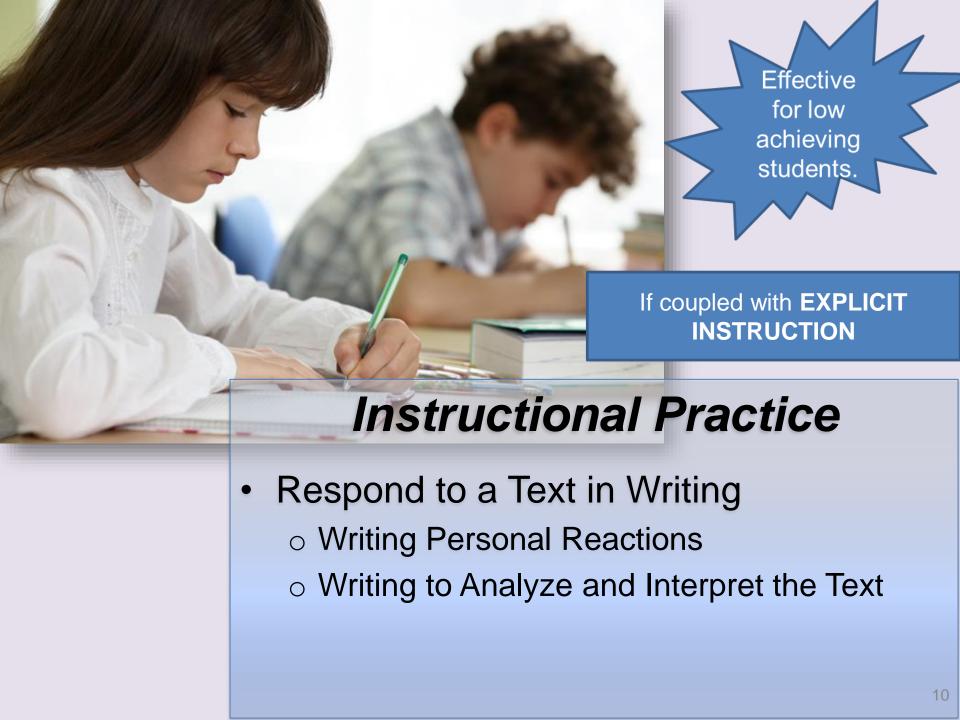
Reading It

Reading and Rereading It

Reading and Studying It

Reading and Discussing It

Receiving Reading Instruction





Math Self Evaluation

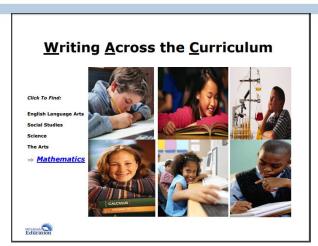
These are two important things I learned in math today/this week/this month:
l
2
This was an easy problem for me:
This was a difficult problem for me:
I need more help with:
This is how I feel about math today/this week/this month: (Circle your answer).
successful happy excited confused interested worried relaxed bored upset
This is where I got help (circle words that are true):
a teacher a friend my parents the internet other (explain)



Q-Think-Pair-Share-Write

- Question: Ask an open-ended question and tell students that they
 will think-pair-share the answer.
- **Think**: Give students 1-2 minutes to think
- **Pair**: Ask students to share thoughts with their partners and ask questions if they don't understand what their partner is saying.
- Share: Ask for student volunteers to share as you begin this process. Later, you should call on non-volunteers to increase student accountability:
 - I agree with [name's] answer...,
 - I don't agree with [name's] answer...,
 - I started the problem like [name] but then I...

Write: Now ask the question and have students write the response.



Science

https://www.michigan.gov/documents/mde/Science_WAC_2_3_264454_7.pdf

ELA

https://writingisthinkingdotorg.files.wordpress.com/2015/02/wacelami.pdf

Math

https://www.michigan.gov/documents/mde/Writing_to_Learn_Mathematics_306722_7.pdf

Social Studies

https://www.michigan.gov/documents/mde/SSWAC_225020_7.pdf



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Summarizing



At your table discuss how you learned to summarize.



Summarizing Text Proved to Be Better Than Just...

Simply Reading the Text

Reading and Rereading the Text

Reading and Studying the Text



Instructional Practice
Write Summaries of a Text

Readers must recognize:

- which ideas are indispensable to the original text.
- which ones can be dropped altogether or combined.
- the need for paraphrasing the text using their own words.



Writing Summaries

1. Silently scan the document.

2. Identify one summary strategy that you would like to share/try.



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Writing Notes About Text Proved to Be Better Than Just...

Reading

Reading and Rereading

Reading and Studying

Reading and Underlining Important Information

Receiving Explicit
Instruction In
Reading Practices



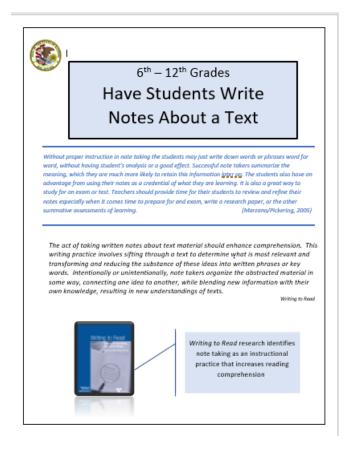
Note Taking



Group Time: Sports Icons



Note Taking Resource



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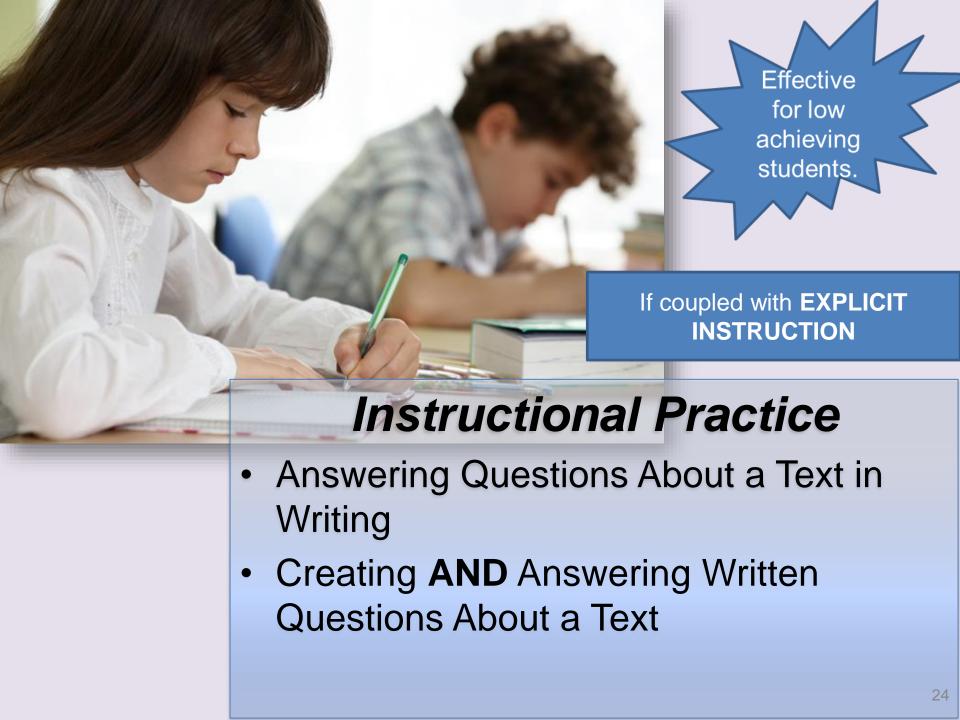
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In order to get students to respond either personally or to analyze or interpret, questions are needed.

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What Should Guide Question Development?

> Grade level reading standards

They provide useful guidance for appropriate questions to frame writing responses to text.

Asking higher level questions They push readers to think deeply about the texts.





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Recommendation #2

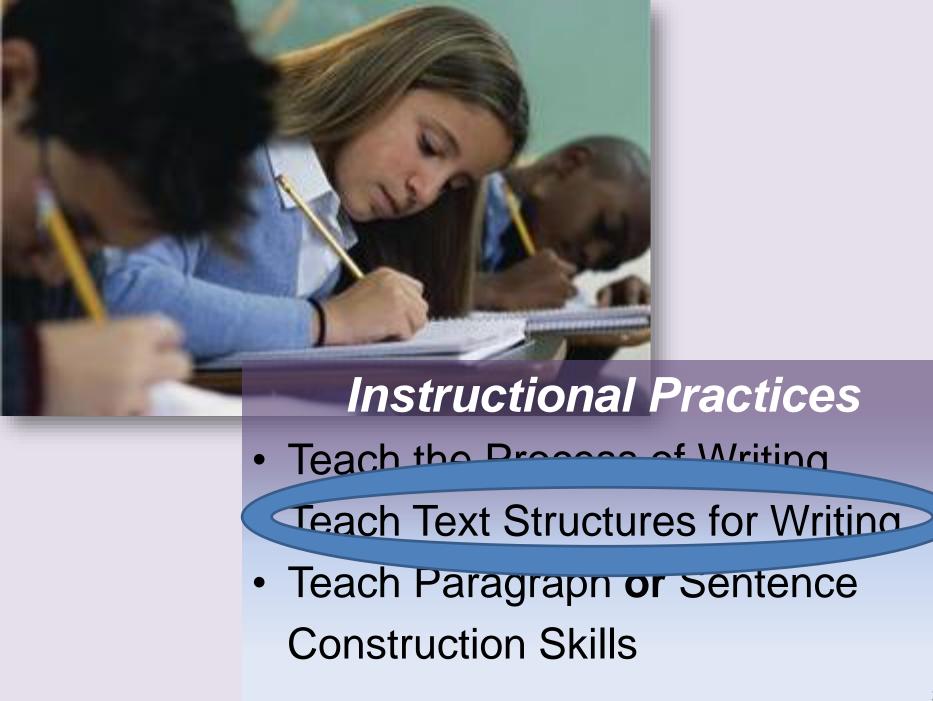


Teach students
the writing skills
and processes
that go into
creating text.

Students' reading skills and comprehension are improved by learning the skills and processes that go into creating texts.

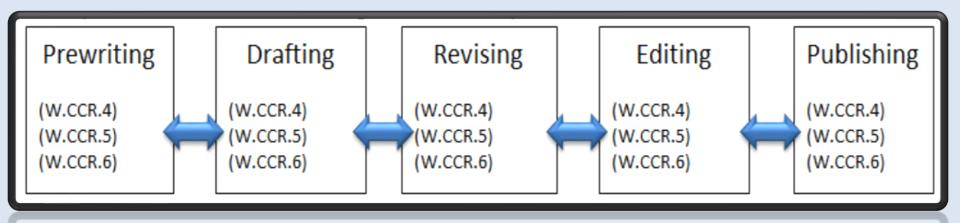


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The Writing Process

The writing process consists of steps the writer should take when producing written language that conveys meaning.



Retrieved from: <u>www.illinoisliteracyinaction.org</u> Select a grade level, click on writing and then find standard 4/5..

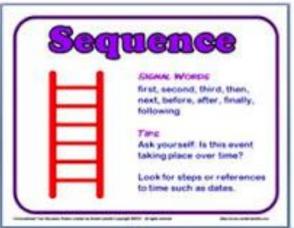
Text Structures for Writing

Students' reading skills can also be enhanced by teaching them how to use text structure as an aid for writing text.

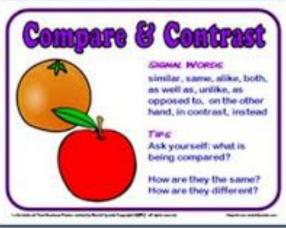
Crowhurst, 1991

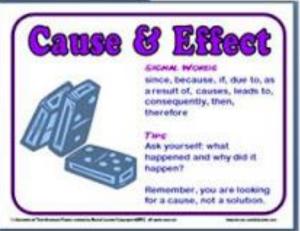








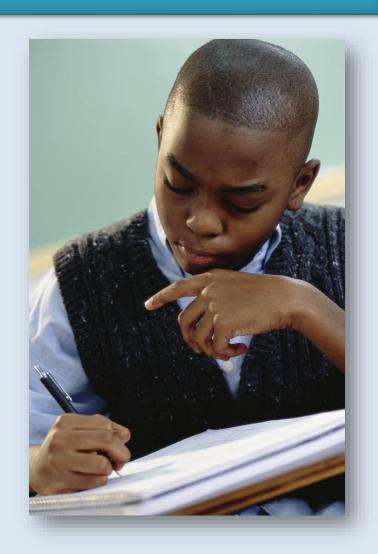






Paragraph or Sentence Construction Skills

Teaching students how to write more sophisticated sentences by learning how to combine less complex sentences into more complex ones, requires modeling and strategy instruction.





Sentence Combining

Isolated grammar instruction appears to have little or no positive impact in helping poor writers become better writers (Graham & Perin, 2007).

Resource: Intervention Central

https://www.interventioncentral.org/academic-interventions/writing/sentence-combining-teaching-rules-sentence-structure-doing



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Spelling

- L.6-8.2b Spell correctly.
- L.6-8.4b Use common, grade-appropriate
 Greek or Latin affixes and roots as clues to
 the meaning of a word.

Teach high utility and high frequency Greek and Latin meaning-based word parts.



The Power of Word Parts

- Prefixes and roots carry the bulk of important word meanings; however, some key suffixes are important, as well.
- Over 50% of multi-syllabic words beyond the most frequently used 10,000 words contain a Greek or Latin word part.
- Since Greek and Latinates are so common in our academic language, it makes sense to memorize the highest frequency word parts. See the attached list of <u>High Frequency Prefixes</u>, <u>Suffixes</u>, <u>and Roots</u> for reference.

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1. inaudible (not, hear)

2. dismiss (away from, send)

3. transport (across, carry)

4. unsubscribe (not, under, write)

5. predict (before, say)

6. remit (again, send)

7. encounter (in, against)

8. offer (against, carry)

9. inspect (in, see)

10. epilogue (upon, word)

11. antigen (against, people)

12. empathy (in, feeling)

13. intermediate (between, middle)

14. destruction (apart from, build)

15. superimpose (over, in, put)

These fifteen words have prefixes or roots that are part of over 15,000 words.

That is as many words as most student dictionaries!



Resource Idea

Grade Level Prefix, Suffix and Root Word Lists

7th Grade				
Prefix	Suffix	Root	Definition	Examples
com-, con-			with, together	commune, community, conjunction, combine, conspire, confluence
ex-, exo-			out of, from	exoskeleton, exterior, external
pro-			forward	progress, proceed, produce
se-			apart	separate, select
retro-			back, backwards	retroactive, retrograde, retrospective
	-fy		to make, to form into	fortify, solidify, liquify
	-hood		state, quality, condition of	neighborhood, childhood, brotherhood
	-ice		state or quality of	justice, service, accomplice, apprentice, injustice
	-some		characterized by a thing, quality, state, or action	awesome, burdensome, winsome, quarrelsome
	-ward		in the direction of	forward, toward, westward
	-ish		like, having the characteristics of, inclined or tending to	childish, girlish, impish, freakish, bookish, oldish
	-less		without	tireless, childless, sleepless
		ad	to, toward	adequate, adhere, adjective, assimilates, accommodate, acknowledge, alliteration, appointment
		amo amatum	love	amateur, amiable, amicable, amorous, enamored, enemy
		aqua	water	aquarium, aqueduct, aquaculture, aquamarine

Game

http://www.readwritethink.org/classroom-resources/lesson-plans/improve-comprehension-word-game-1042.html?tab=3#tabs

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Recommendation #3



Increase how much students write.

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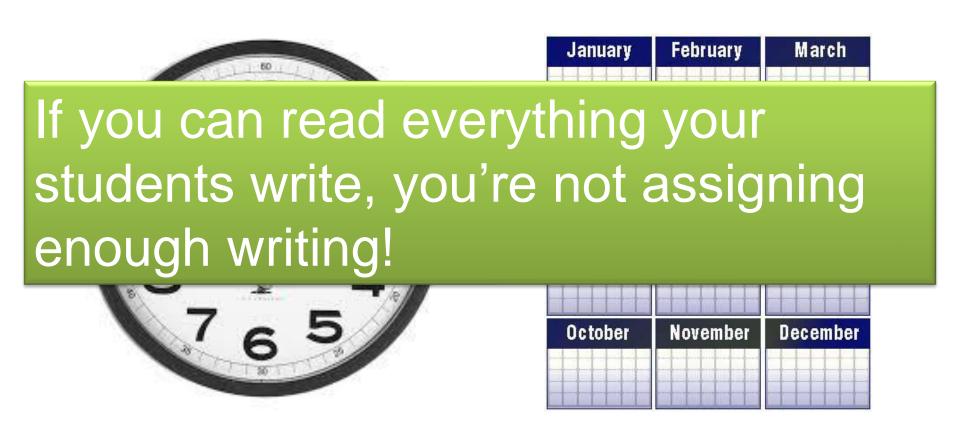


Increasing the Amount of Writing





Biggest Enemy





Writing should be a part of every content area classroom.

You can't avoid thinking when you write!







What new strategy, resource or concept from the *Writing to Read* research do you want to implement?





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- Jill Brown jbrown@isbe.net



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