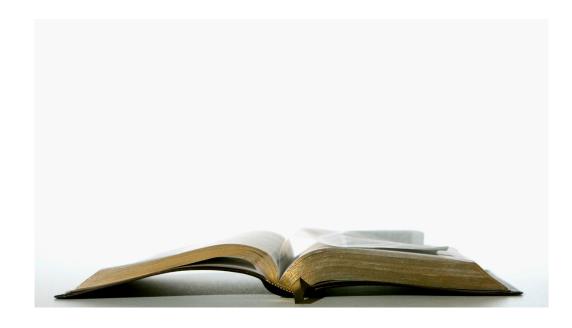


The Comprehension-Composition Connection

Nancy Hennessy AIM Research Symposium March 11, 2024 Reading and writing are connected at the most intimate level. We write so others will read, and read what others write.

Graham, 2020



Reading & Writing In what ways are they connected...

Construct & communicate ideas.

Depend on a shared knowledge base. used to construct & communicate Ideas.

Complementary processes that can be used to strengthen each other in reciprocal fashion.

Tools for Learning

Reading & writing is transformative... allows for the <u>transmission</u> of ideas, experiences, opinions, memories, wishes & much more...

Snow, 2020

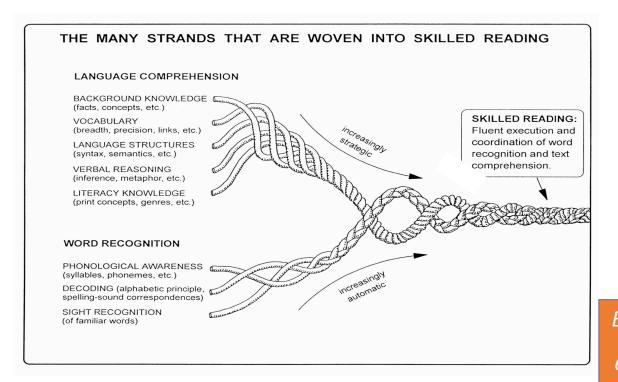
Understanding the meaning of oral or written communication requires facility with receptive language (e.g., listening and reading).

Demonstrate understanding requires expressive language skills (e.g., speaking and writing).

Language is at the heart of reading & writing proficiency.

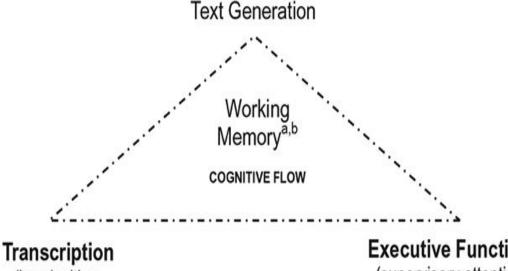
A Shared Knowledge

....both reading comprehension and written composition are constructs built on a highly similar complex set of component skills...



Skilled Reading The Reading Rope Scarborough, 2001 Even if the pronunciations of all of the letter strings in a passage are correctly decoded, the text will not be well comprehended if the child (a) does not know the words in their spoken form; (b) cannot parse the syntactic and semantic relationships among the words; or (c) lacks critical background knowledge or inferential skills to interpret the text appropriately and "read between the lines." Note that in such instances, "reading comprehension" deficits are essentially oral language limitations.

Not so Simple View Of Writing Berninger & Winn, 2006



(handwriting,

keyboarding, and spelling)

Executive Functions

(supervisory attention^c, goal setting, planning, reviewing, revising, strategies for selfmonitoring and regulating) *In order to produce coherent* written compositions, one needs to carefully coordinate and regulate complex, recursive processes of generating ideas, translating them into oral language, transcribing them into print, and revising and editing written texts. These complex writing processes draw on multiple language and cognitive skills and knowledge in the context of physical and social environments.

Young-Suk & Graham, 2020

Direct & Indirect Effects Model of Writing

Young Suk & Graham, 2022

...background knowledge; socio-emotions; spelling and handwriting/keyboarding; knowledge or awareness of phonology, orthography, and semantics; oral composition or discourse oral language; higher order cognitive skills and regulation skills such as reasoning, perspective taking, inferencing, goal setting, and monitoring; vocabulary and grammatical knowledge; and executive function such as working memory and attentional control...

Complementary Processes...

The evidence is clear: writing can be a vehicle for improving reading.

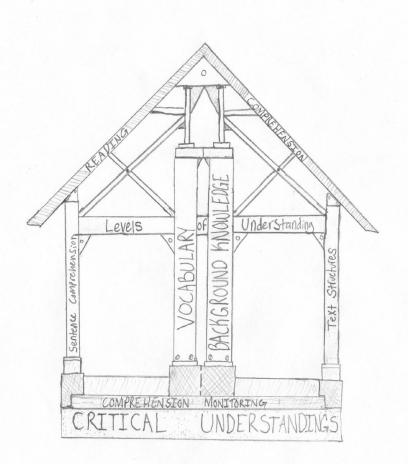
Graham & Hebert, 2010

The Comprehension-Composition Connection

Making It

Explicit

Constructing Comprehension



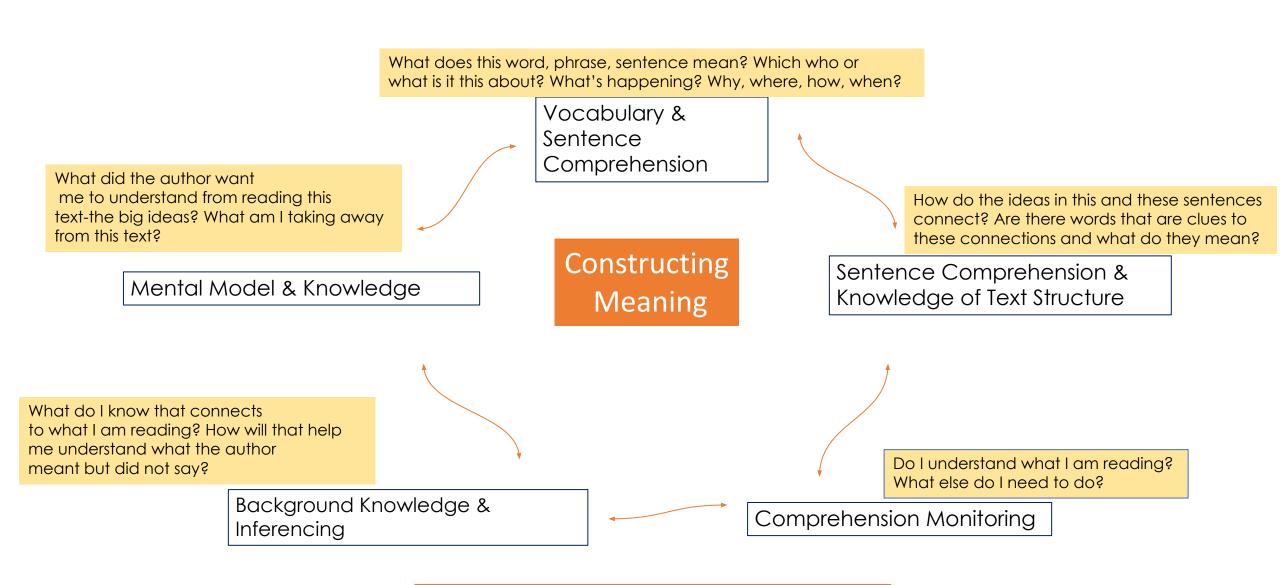
The Blueprint KNOWLEDGE
• Text structure
• Background know

The Reading Comprehension Blueprint by Nancy Lewis Hennessy. Copyright © 2021 by Paul H. Brookes Publishing Co., Inc. All rights reserved

Blueprint for Comprehension Instruction

PREPARING FOR INSTRUCTION CRITICAL UNDERSTANDINGS OF TEXT

Will Wagner 01/01/2020



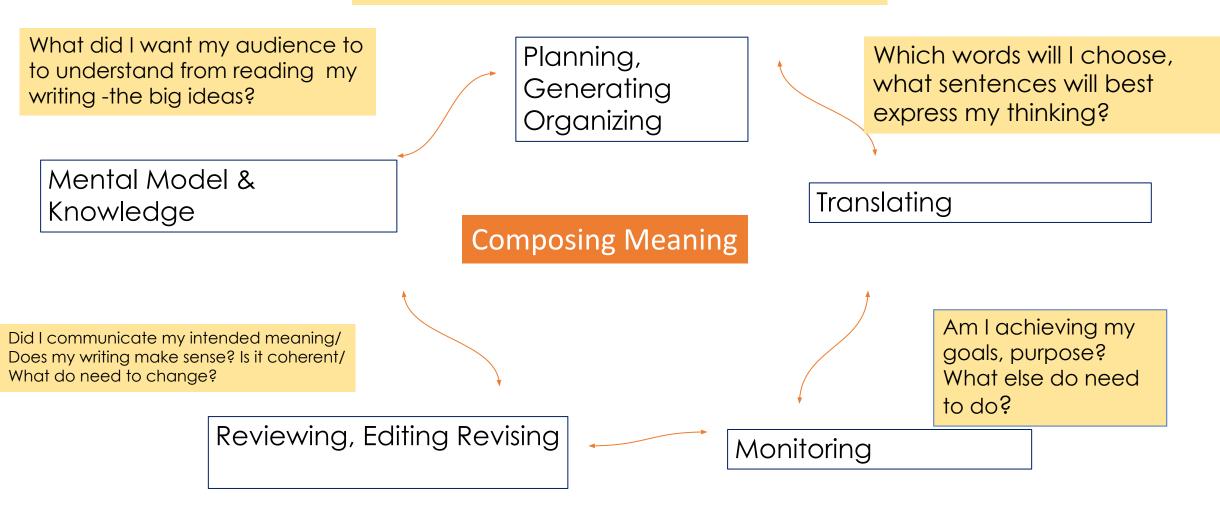
Ultimate Goal: Knowledge

Hennessy, 2020, 2023

The Blueprint & Writing

•		O		
Cannaction	N C			
The Reading		Writing		
Comprehension		Connections to The		
Blueprint		Blueprint		
Preparing for instruction Critical understanding of text	What do you want students to know and understand after reading the text? What are the critical concepts and	Preparing for instruction Critical understandings	What are the critical concepts and understandings- big ideas you want your students to be able to plan for & write about to demonstrate	a a a a a a a a a a a a a a a a a a a
	understandings- big ideas you want your students to acquire?		understanding?	The Composing House
Purpose for reading instruction	What are the content instructional goals and objectives? What are the literacy/comprehension	Purpose for writing instruction	What are the content/topic instructional goals and objectives? What are the literacy/writing	
	instructional goals and objectives?		instructional goals and objectives?	Hennessy, Salamone, Cessna, & Powell, 2024

What is my purpose? Who am I writing for?
What will I need to do to achieve it?
How will I organize my thoughts?
What text structures will I use to convey purpose?



Write about you are learning about!

Have students write about the text they are reading.

Have students answer questions about text in writing or create or answer written questions about text.

Teach the process of writing, text structures for writing, paragraph, or sentence construction skills.

Graham & Hebert, 2010.



SYNOPSIS OF WRITING TO READ: EVIDENCE FOR HOW WRITING CAN IMPROVE READING

A CARNEGIE CORPORATION TIME TO ACT REPORT

INTRODUCTION

In the Writing to Read report, Graham and Hebert examine whether various approaches to writing instruction impact students' reading skills and comprehension. The authors describe a range of instructional practices that have demonstrated a positive effect on reading outcomes. Writing to Read builds upon the findings of a previous report, Writing Next 1, which offered instructional recommendations for improving the quality of students' writing, However, Writing to Read provides quidance on how teachers can use writing instruction to strengthen students' reading performance. Recent achievement data suggest that students need stronger reading and writing instruction. The need for more attention on both skills is evident in the results of the 2009 National Assessment of Educational Progress (NAEP) reading test, which revealed that 68% of fourth graders, 69% of eighth-graders, and 64% of twellih-graders scored at the basic level or below in reading. Similarly, 67% of eighth-graders and 75% of high school seniors scored at the hasic level or below in writing on the 2007 NASP writing test.

Students' reading and writing skills are not keeping pace with the growing demands of colleges and employers. This has wide-reaching economic and societal costs that prompted Graham and Hehert (2019) to explore writing instruction as a vehicle for enhancing reading. The authors used a rigorous methodology known as meta analysis in

Uwiting Next is acclable at http://www.call/adding/files/ Writing/Poxt.pdf. A sun next of the opport is awilt do of http://www.next.next.ort.nergeriles/COPS/089-08970 Writing SC2/Not/SC291-098 codf.

Graham, S., & Hebert, M.A. (2010). Writing to read: Evidence for how writing can improve reading. A Carnegie Corporation Time to Act Report. Washington, DC: Alliance for Excellent Education. summarize data from individual studios addressing common questions about the relationship between writing instruction and reading outcomes. By synthesizing scross studios, mota-analysis allows for a more proventul estimation of the consistency and effectiveness of an approach. Such information can holp guide classroom teachers in selecting instructional stratagues and ofanning lessons.

This synopsis of Graham and Hebert's metaanalysis presents an overview of their findings and describes implications for practice. Although Writing to Road is straightforward, its comprehensive nature may limit its use as introductory material for practitioners or professional development events. Therefore, this symposis is intended to serve as a first step that will encourage huther exploration of the Writing to Read document, it is also intended as a companion to the Contro on Instruction archived webinar (located at www.centeroninestruction.org) by the Writing to Read author. Or Steve Graham.

METHOD & RESULTS

The studies analyzed by Graham and Hebert included students in grades 1-12 who received writing instruction that was distinct from, rather than integrated with, reading instruction. For a study to be included in the meta-analysis, students must have received instruction in written spelling or created meaningful, connected written text. The students in the treatment groups must have been compared to students who did not receive the same amount or quality of writing instruction. For example, students in the comparison condition frequently received reading instruction only. Studies were included if they were published between 1930-2008 used an experimental or quasi-experimental design, and contained a reliable outcome measure of reading comprehension, word reading, or reading fluency. Studies were excluded if the writing instruction was identical to the reading outcome measure, such as when students were taught to write summaries of text and then were administered a reading comprehension test in which they

produced a written summary of a text.

Studies were also eliminated if the data needed to calculate an effect size? were not available. In all, the authors reported 93 comparisons from studies meeting the criteria.

Each identified study was then categorized based on the research question it answered. Some categories were further separated into instructional subcategories. Within the three proad recommendations and severi more specific sub-types of writing instruction, studies were combined to produce a weighted average effect for each. The example stocy provided in each category or subcategory is a

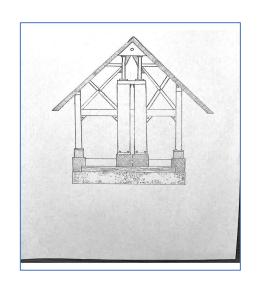
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Planning, Generating &

Critical Understandings What are the critical concepts and understandings- big ideas you want your students to be able to plan for & write about to demonstrate understanding?



Preparing & Planning for Writing I
Connections

Critical understandings share several characteristics including:

- They connect to big ideas that have a lasting impact beyond the classroom.
- Are transferrable to other subject areas and disciplines.
- They go beyond facts and provide a foundation for helping students make deeper connections.
- Are reoccurring and can be revisited and built upon over time.

Purpose for Writing Instruction

What are the content/topic instructional goals and objectives?

Idea generation process primarily draws on topic/content knowledge and reading.

Examples: The One & Only Ivan,

2013

Organizing Ideas tp Achieve

Students must use appropriate conventional patterns for accomplishing purposes through their writing if they wish to communicate effectively with their readers. Familiarity and facility with these conventional patterns, or genres, will position students to attempt writing assignments with confidence, explore hybrid patterns of writing, or even invent new types of writing.

Troia, 2014

Reading/Comprehending		Writing/Composing	
Text		Text	
	How is the text organized? How and when will you directly teach students the purpose, features, and signal words of different genres? How will you teach students to use the structure to understand purpose? To organize and express their understanding?		What basic writing structures are needed to express understanding? (e.g., paragraph structure)? How and when will you directly teach students the three major genres of writing: narrative, informational/expository, and opinion/argument? How and when will you directly teach
			students the purpose, features, and signal words of different genres/structures for writing? How will you teach students to use the specific structure needed to convey the purpose their writing? To organize and express their understanding through writing/show new learning? How will you instruct students to write for specific audiences? How will you

Narrative Text Entertain, provide an account of events Purpose Story grammar Structure Beginning, middle, Features end In the beginning, Signal Words then, in the end

Elements	Basic Questions	Advanced Questions
Setting	Where did it happen? When did it happen	What might the setting foreshadow?
Character	Who is the story about What islike? Physical appearance, personality characteristics?	How does the external world affect the characters internal emotions? How do the character's internal emotions affect his or her understanding of the external world?
Problem	What is problem? How did this get started? What does need to try to do?	Describe the conflict? How does context affect the conflict?
Sequence of Events	What diddo about? What will do now? What would you do?	What motifs are represented throughout the text?
Outcome	How didsolve the problem? Howdid achieve the goal? What would you have done?	How did the process influence the outcome?
Theme	What is the major point, the big idea of the story? What is the moral or lesson of the story? What didlearn in the end?	Explain the main themes in the text.

Purpose for Writing Instruction

What are the literacy/writing instructional goals and objectives?

The translation process primarily draws on oral language.

Use their word meaning, sentence construction, text structures & background knowledge to translate their ideas into writing.

Translating Ideas: Vocabulary & Sentence

For writing quality, richness and clear, coherent presentation of ideas are focal aspects, and therefore, writing quality draws on use of precise and descriptive words and effective use of appropriate sentence structures), and higher order cognitions and reading comprehension... Kim et al, 2014

Reading/Comprehending Text		Writing/Composing Text	
Vocabulary	Which words will your students need to know? Which are worth knowing? Which ones will you intentionally/explicitly target and directly teach to deep levels of understanding? Which ones will you incidentally-on-purpose teach? How? When? Which words will you purposefully discuss and incorporate into expressive language activities? How and when will you teach and foster the use of independent word learning strategies?	Vocabulary/Word Choice	Which words are critical to precisely expressing key understandings, to translating ideas within sentences? Have you explicitly taught them? If not, how will you support their development & use orally & in writing? Are there visuals you can incorporate to aid in word retrieval of precise meanings? How will you guide students in effectively employing specific vocabulary to promote precise word choice? Which words will you purposefully incorporate into oral written language activities? How will you hold students
			accountable for using these words in

A Comprehensive Instructional

In	tentional Instruction	Incidental on Purpose Instruction	Intentional Independent Word Learning Strategies Instruction
	Word Choice Simple Instructional Routine: Definitional & Contextual Information Complex Instructional Routine: Processing & Practice Activities	 Structured Point of Contact Teaching Structured Teacher-Student Talk Structured Shared Reading Structured Independent Reading 	Using the DictionaryUsing Context CluesUsingMorphemic Analysis
We	ord Consciousness	Word Consciousness Purposeful Activities	Word Consciousness

Intentional Individual Words	Incidental Words	Intentional Word Learning Strategies
captivity	silverback	Context:
domain	prodding	chest beat
grief	scurry	Morphology:
project	amble	vining
billboard		imagining
threat		
comfort		
patient		
migrate		
treated	The One &	Only Ivan

Usefulness

Growth

Understanding

Connect	Represent	Use
Semantic Maps	Pictures Drawings Videos	Questions, Examples
Semantic Feature Analysis	Gestures and Movement	Conversation Prompts
Concept Maps	Word Walls	Writing Stems Hennessy, 2018

Generate Use Speaking-Writing

How would it feel to be a captive?

When have you had to be patient?

Have you ever been mistreated? When? How?

Why is the billboard & Ivan's art important important?

How can you tell Ruby is content?

How does the treatment of his friends affect Ivan?

Reading/Comprehending Text	
LANGUAGE STRUCTURES (phrases, clauses, sentence comprehension)	Are there phrases, clauses, and sentence structures that may be difficult for you students? How and when will you directly teach sentence comprehension? How and when will you teach students to work with challenging sentences? How will you facilitate the integration of ideas within and between sentences, e.g. the use cohesive ties and connectives? He and when will you teach students work with these?

Writing/Composing Text LANGUAGE STRUCTURES (phrases, clauses, sentence

Are there specific phrases, clauses, and sentence structures that your students need to know/use to translate identified ideas into writing?

How and when will you directly teach the use of these building blocks for sentence composition?

tasks? How and when will you teach students to write more challenging sentences found in

How can you integrate listening, speaking,

reading and writing into sentence level

complex texts?

How & when will you teach/support e.g. the use of cohesive ties and connectives to integrate ideas within and between sentences in writing

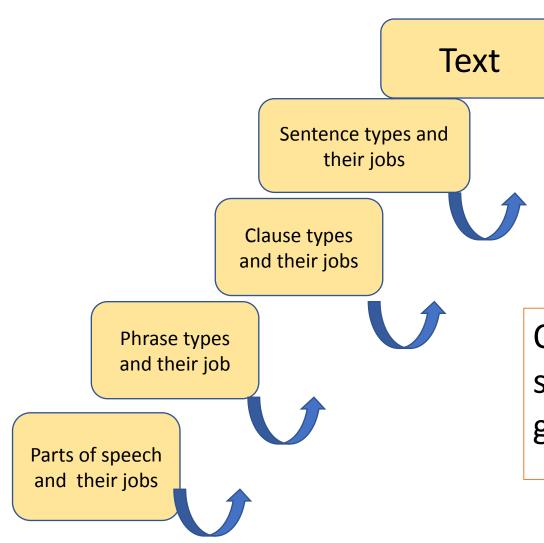
How will you hold students accountable for using those structures in their written

comprehension & composition)

comprehension? will you teach rk with challenging

cilitate the

deas within and nces, e.g. the use of nd connectives? How ou teach students to



The Building Blocks of Meaning

One by one, the sentences add up to the gist of the text.

Scott & Balthazar, 2013

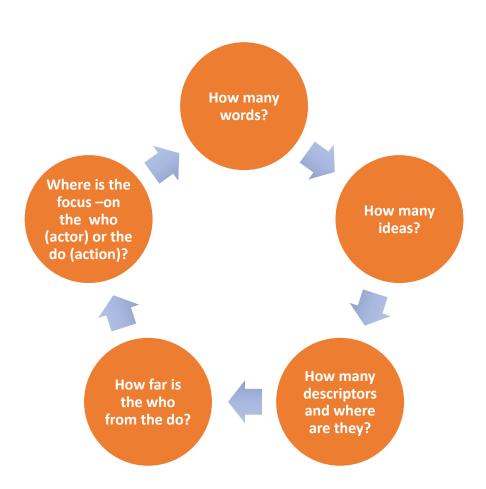
Think Function First, Then

Challenging Sentence Structures...

And I've learned to understand human words over the years, but understanding them is not the same as understanding humans.

Three of my walls are glass. One of them is cracked, and a small piece, about the size of my hand, is missing from the bottom corner.

They groom each other and eat and sleep then, groom each other some more. They are a contented group, placid and good natured, although, like any other family, they bicker from time to time.



Intentional On Purpose: Focus	Intentional On Purpose: Activities	Incidental On Purpose: Focus	Incidental On Purpose: Activities
Building Blocks of Sentences	Questioning/Parsing	Building Blocks of Sentences	Reading Experiences
o Parts of Speech & their	Structured Organizers		-Shared
Jobs	Sorts (pictures, words)		-Group
o Phrases & their Jobs	Visual Representations		-Independent
o Clauses & their Jobs			-Fluency Connection
The Sentence	Questioning	The Sentence	Oral Experiences
o The Sentence & their	Structured Sentence Organizers		-Oral Response
Jobs	Sentence Frames		-Student/
o The Problem Sentence	Diagramming		Teacher Talk
	Anagrams (word cards)		-Sentence Instruction
	Sentence Building: Combining &		-Written Responses
	Expansion		
Cohesive Devices		Writing Connections	Writing Experiences
o The Role of Cohesive Ties	Questioning		-Written Responses
o The Role of Connectives	Coding		Hennessy, 2020

Structured Sentence Organizer

Which one, what kind, how, many?	Who or what?	Is or was doing?	What?	When, where, how?
			F	lennessy, 2020
			_	1011110334, 2020

Sentence Building

Use the words from the organizer to write a sentences that tells something important that happened in this text. For example, who/what did what, when, where and how.

Adjectives & adverbs

Compound subjects & objects

How would you describe?

The ant collected stores for the winter.

The ant was industrious.

The industrious ant collected stores for the winter.

The Ants& The Grasshopper

How was Winnie feeling? Winnie was afraid.
She felt disheartened

Winnie was afraid and felt disheartened.

Tuck Everlasting

Sentence Combining

Based on Saddler, 2009

Targeted Pattern	Question & Kernel Sentences	Combined Response	
Adjectives and adverbs	How would you describe Frederick?	Daydreamy Frederick spends his days collecting sun rays, colors,	
	-Frederick spends his days collecting sun rays, colors, and words.	and words.	
	-He is a daydreamy mouse.		
Compound subjects and objects	How do the other mice feel about Frederick?	The mice think Frederick's laziness and dreams are frustrating.	
	-The mice think Frederick is lazy.		
	-They think he's a dreamer.		
Compound sentences using	What did Frederick contribute to his community?	Frederick contributed poetry and he brought great joy to his	
	-Frederick contributed poetry.	community.	
coordinating conjunctions	-He brought great joy to his community.		
Possessive nouns	How do the other mice contribute to their community?	The mice's contribution is preparing for the winter by gathering	
	-The mice make a contribution by preparing for the winter.	nuts, corn, grain, and wheat.	
	-They do this by gathering nuts, corn, grain, and wheat.		
Adverbial clauses using	Why did the other mice change their minds about Frederick?	As Frederick tells the mice to visualize the colors of spring, they	
	-Frederick tells the mice to visualize the colors of spring.	understand how his poetry helps to nourish their minds and	
subordinating conjunctions	-They understand how his poetry helps to nourish their minds and	hearts.	
	hearts.		

Review, Editing, Revising: Multiple Skills and Knowledge Sources

Word Recognition & Reading Comprehension

When the writer reads his/her own text for revision, he/she has to construct an accurate mental representation of the text and evaluate it compared to her intended goals, which then guides subsequent revision actions...

Writing Prompts

In class, we have been exploring animal feelings and emotions. Using the article, *Do Animals Have Feelings?*, describe the two perspectives on animal feelings and emotions. What perspective does *The One and Only Ivan* support (use specific examples from the text to prove your answer), and what perspective do you agree with?

Many people have debated whether animals have feelings or not. The article, Do Animals Have Feelings?, says yes and no. Some scientists say that animals never feel happy or sad. However, some scientists do think they feel emotion. Jane Goodall, an intelligent, curious primatologist who studied chimps, has seen chimps chasing each other for fun. It has also been proven that rats feel fear. The One And Only Ivan proves that animals do have feelings. Ivan felt grief when his sister Tag died on the ride to the Ivan's new domain. Bob is a dog with a hatred for humans. My perspective is that animals do have feelings. My dog Simba wags her tail meaning she is happy, and happiness is a emotion. In my opinion I believe animals feel emotion. There have been many different studies on whether animals have emotions, and most perspectives support that animals have emotions.

Wise words...

Graham & hebert, 2010

- Respond to a Text in Writing (Writing Personal Reactions, Analyzing and Interpreting the Text)
- ✓ Write Summaries of a Text
- ✓ Write Notes About a Text
- ✓ Answer Questions About a Text in Writing, or Create and Answer Written Questions About a Text

Gratitude!

Learning is our work!!!!