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# The Science of Writing: The Writing Rope Framework for Writing Instruction

# Joan Sedita

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Keys to Literacy free resources related to this workshop:

https://keystoliteracy.com/free-resources/

- Assorted articles, templates and printables
- Recorded webinar: "Stages of the Writing Process"
- Recorded webinar: "Two-Column Notes A Powerful Tool for Comprehension & Writing
- Recorded webinar: "Reading and Writing from Text Sources" (3 parts)
- Recorded webinar: "Writing in the Content Areas Grades 4-12

International Dyslexia Association Free Webinar Series:

- Joan Sedita "Supporting Comprehension Through Writing About Reading"
- https://dyslexiaida.org/webinars/

Joan's monthly blog post: https://keystoliteracy.com/blog/



### The Writing Rope: The Strands That Are Woven Into Skilled Writing

(Sedita, 2019)

### SKILLED WRITING

# Punctuation Grammar and syntactic Writing process: organizing, Generating ideas, gathering information awareness drafting, writing, revising

- Sentence elaboration EXT STRUCTURE
- Patterns of organization Paragraph structure Narrative, informational, opinion structures problem/solution) (description, sequence, cause/ effect, compare/contrast,

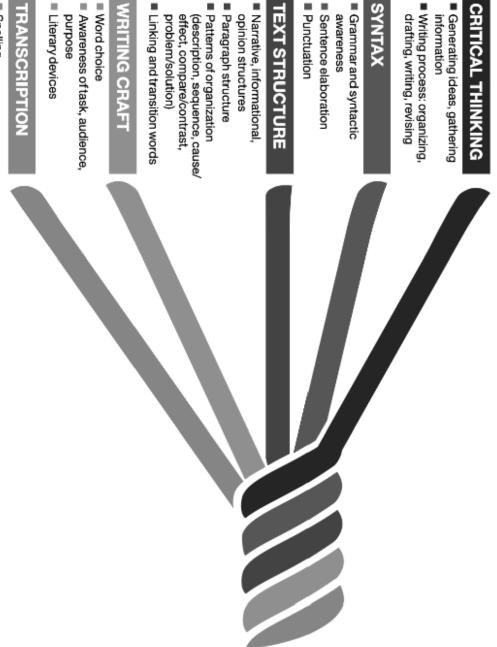
# Literary devices RANSCRIPTION purpose

■ Word choice

RITING CRAFT

Handwriting, keyboarding

Spelling



### **Research Reports:**

Graham, S., Bollinger, A., Booth Olson, C., D'Aoust, C., MacArthur, C., McCutchen, D., & Olinghouse, N. (2012). *Teaching elementary school students to be effective writers: A practice guide* (NCEE 2012- 4058). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education.

Graham, S., Bruch, J., Fitzgerald, J., Friedrich, L., Furgeson, J., Greene, K., Kim, J., Lyskawa, J., Olson, C.B., & Smither Wulsin, C. (2016). Teaching secondary students to write effectively (NCEE 2017-4002). Washington, DC: National Center for Education Evaluation and Regional Assistance (NCEE), Institute of Education Sciences, U.S. Department of Education.

Graham, S., & Perin, D. (2007). Writing next: Effective strategies to improve the writing of adolescents in middle and high schools – A report to Carnegie Corporation of New York. Washington, DC: Alliance for Excellent Education.

Graham, S.. and 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.

### **Focus Areas for Using Mentor Text**

Element	Specific Focus Suggestions	
general; all types of writing	<ul> <li>writing introductions</li> <li>writing leads</li> <li>writing conclusions</li> <li>incorporating transition words and phrases</li> <li>organizing the body</li> <li>developing and explaining ideas</li> <li>using relevant details and rich descriptions</li> <li>word choice and incorporating content-related vocabulary</li> <li>creating a voice (i.e., a distinct personality, style, or point of view)</li> <li>writing in first, second, or third person</li> <li>using capitalization and punctuation</li> <li>expanding sentences</li> </ul>	
text features	<ul> <li>writing titles</li> <li>incorporating graphics, charts, maps and other visuals</li> <li>generating headings and subheadings</li> </ul>	
informational and opinion/argument writing	<ul> <li>using specific patterns of organization (i.e., description/explanation, sequence/chronology, compare and contrast, cause and effect, problem and solution)</li> <li>using examples</li> <li>using quotes and dialogue</li> <li>using anecdotes</li> <li>stating a claim</li> <li>explaining how evidence supports a reason</li> <li>explaining how a reason supports a claim</li> </ul>	
narrative writing	<ul> <li>developing a story line: beginning, middle, end and plot sequence</li> <li>using techniques such as flashback, foreshadow, backstory</li> <li>creating, developing, describing characters</li> <li>using dialogue</li> <li>developing, describing settings</li> <li>using simile, metaphor, personification, alliteration, imagery</li> <li>writing a personal narrative</li> <li>writing a biography or autobiography</li> </ul>	

### **Three Types of Writing**

### Informational writing

What it does: Examines previously learned information or provides new information

**Examples**: Textbook, article, letter, speech, instructions, manual, directions, subject area report, summary of information, workplace memo, job application, resume

<u>Text Structure</u>: Organized into sections and subsections that include paragraph main ideas; tends to be organized hierarchically.

### Opinion/argument writing

**What it does**: Gives an opinion or makes an argument to convince the reader that a point of view is valid or to persuade the reader to take a specific action

**Examples**: Persuasive letters, editorials, argument essays, review of books or movies, claims about the worth or meaning of a literary work

**Text structure**: Organized around specific text components—claim, reason, evidence, counterclaim, rebuttal

### Narrative writing

What it does: Tells a story (real or imagined) of an experience, event, or sequence of events

**Examples**: Diary entry, biography, autobiography, personal narrative, memoir, folktale, fairy tale, fable, myth, creative fictional story, science fiction, poem, play, eyewitness account, plot summary, short story

<u>Text structure</u>: Organized around events and literary elements such as setting, characters, problem/solution

### Transition Words and Phrases

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To indicate a time relationship	after, afterward, after that, at first, at this time, before, beginning with, beyond, during, earlier, ending with, eventually, finally, following, from then on, in the meantime, last, later, meanwhile, next, now, since, soon, then, until, while
To indicate spatial placement	below, beside, between, beyond, farther on, here, next to, parallel with
To list or present a series of ideas	after, after that, finally, first, lastly, next, second, third
To add information or continue a line of thought	also, another, besides, further, furthermore, in addition, likewise, moreover, similarly
To summarize or show conclusion	accordingly, finally, in conclusion, in other words, in short, to conclude, to sum up, to summarize
To show comparison	by comparison, compared to, in like manner, likewise, similarly
To show contrast	although, but, however, in contrast, nevertheless, on the contrary, on the other hand, unlike
To repeat information or stress a point	above all, in fact, in other words, most important, once again, to repeat
To provide an example or illustrate a point	for example, for instance, such as, to illustrate, that is
To show cause and effect	as a result, because, because of, caused by, consequently, for that reason, that is why, therefore, thus
To state the obvious	certainly, granted that, in fact, most certainly, naturally, obviously, of course, surely, undoubtedly, without a doubt
OJ. Sedita www.keystoliteracy.com	

## The Process Writing Routine

### **T**hink

Identify audience and purpose Brainstorm the topic Gather information Take notes

### Plan

Organize ideas
Use a planning guide

### Write

Follow the guide Translate ideas into sentences and paragraphs

### **R**evise

Review the content Proofread for conventions Rewrite

### **Guiding Questions**

### **THINK**

### **Identify Audience and Purpose**

- What is the writing task, the purpose, and the audience for the writing piece?
- · Which type of writing should I use: informational, narrative, opinion/argument, or a combination?

### **Brainstorm the Topic**

- What do I already know about this topic?
- What sources might I use to learn more about this topic?
- What kinds of information do I need to gather about this topic?

### **Gather Information, Take Notes**

- What strategies should I use to understand the sources?
- How should I set up notes to gather information?
- What ideas and information do I want to include in my writing piece?
  - For informational writing: What are the topics and subtopics?
  - For narrative writing: Who are the characters? What is the setting(s)? Is there a problem and solution? What are the events?
  - For opinion/argument: What is my position? What are the reasons and evidence supporting my position? What is a possible counterclaim and my rebuttal?

### **PLAN**

### **Organize Ideas**

- How long should the writing piece be?
- What is the best structure for the writing piece?

### **Use a Planning Guide**

- How should I set up a graphic organizer to plan the structure?
  - Have I included an introduction and conclusion?
  - How should I organize the body of the writing piece?

### WRITE

### Follow the Guide

Have I followed the plan from my graphic organizer?

### **Translate into Sentences and Paragraphs**

- Have I written clear, concise and complete sentences?
- Have I included key vocabulary?
- Have I organized my paragraphs around main ideas and sentences with supporting detail?
- Have I included transition words and phrases to connect ideas between my sentences and paragraphs?

### **REVISE**

### **Review the Content**

- Are the introduction and conclusion clear and do they serve their purposes?
- Is the body of my writing piece organized?
- Should I add headings?
- Have I met the requirements of the writing task?
- Is there something I should add or delete?
- Do I need to go back to the *Think* stage to gather more information?

### **Proofread for Conventions**

- Have I included correct capitalization and punctuation?
- Have I checked my spelling?

### Rewrite

• Can I just make some changes to the first draft, or do I need to rewrite the piece?

# **How To Write A Summary**

- Read the material and identify the main ideas.
   Distinguish the main ideas from the details.
- Write the main ideas in phrase form. The main ideas can be noted in a list, in a topic web, or in the left column of two-column notes.
- 3. Begin the summary with an introductory statement.
- Turn the main ideas into sentences, occasionally including details when it is necessary to convey the main idea.
- 5. Combine the sentences into one or more paragraphs.
- Use transition words to connect the sentences and the paragraphs.
- Proofread the summary for punctuation, spelling, sentence structure, and content.

	Summary Template	
	List the main ideas in phrase form.	
2.	Write an introductory sentence that states the topic of the summary.	
	Turn the main ideas into sentences using your own words. You can combine some of the main	
	ideas into one sentence.	
١.	Add transition words from the list below or from the transition poster. first, next, finally, before, after, during, later, also, another, in addition, in conclusion, to sum up, similarly, however, on the contrary, most important, for example, as a result, therefore	
	Proofread and edit your summary.	

### WAG

### **Writing Task:**

(clear, one sentence summary of the writing task)

### **Audience:**

(Who is this piece for? Is there a secondary audience?)

### Purpose:

(What is the purpose of this type of writing? What will this task accomplish?)

Length: (range)

### **Directions & Requirements:**

- (steps to guide the writer)
- (specific requirements e.g., certain vocabulary terms, use of transitions)
- (formatting requirements e.g., specific font and size, Google Doc, etc.)
- (feedback or grading rubric if applicable)
- (time management supports e.g., calendar with due dates, suggested timeline)

### **Writing Supports:**

- (list of scaffolds e.g., two-column notes, topic web, set of steps, writing templates, transition list)
- (hyperlinks to electronic files)

### **Planning Questions**

Writing Task	<ul> <li>What content topic are you covering?</li> <li>What type of writing task would be best to support the learning of this content?</li> <li>Does the assignment lend itself to an authentic audience (i.e., in addition to the teacher and student peers)?</li> <li>Consider these options: members of the community, organizations or their members, businesses, politicians, younger or older students, family member peers, blogs, student publications.</li> </ul>	
Audience		
Purpose	<ul> <li>What do you want the writing piece to do as it relates to the topic?</li> <li>What is the student's personal goal for writing this piece?</li> <li>If there is an authentic audience, what is the reason for communicating with this audience through this piece?</li> </ul>	
Length	Suggest a range in number of words, sentences, paragraphs, or pages.	
Directions & Requirements	<ul> <li>What content information must students address, including related vocabulary?</li> <li>Are there any requirements related to sources?</li> <li>Is there a particular format you want students to follow?</li> <li>Are there any specific requirements for the introduction, body development, use of transitions, or conclusion?</li> <li>What opportunities will be provided for peer collaboration?</li> <li>Will the student receive feedback from peers or the teacher?</li> <li>Will there be an opportunity for students to revise some or all of the writing piece?</li> <li>Will the piece be graded? If yes, how?</li> </ul>	
Writing Supports	What scaffolds will you provide all or some of the students? Possibilities:	

### **English Language Arts**

### **Writing Task:**

In chapter five of "The Outsiders", Ponyboy recites Robert Frost's poem "Nothing Gold Can Stay". Write a short essay that identifies a theme that is present in both the poem and the novel.

Audience:	Purpose:
Teacher, your peers	to further develop your understanding of themes
	in literature

### Length:

400-600 words

### **Directions & Requirements:**

- Include titles and authors of book and poem.
- Briefly describe the characters and setting for the chapter.
- State a common theme.
- Provide at least two quotes from the chapter and two quotes from the poem that are related to the theme.
- *Include these terms: author's purpose, interpretation, significance.*

### **Writing Supports:**

- Refer to class notes about theme.
- Refer to the "Short Essay Guidelines" handout.

Mathematics	
Writing Task: Write a description of the graph and interpret the data.	
Audience: Your peers, the teacher	Purpose:  to understand the graph, to practice writing about graphs

### Length:

2 to 4 paragraphs

### **Directions & Requirements:**

- Provide an introduction that presents the main purpose of the graph. Include key words found in the title of the graph.
- Develop body paragraphs that describe the 2 main trends indicated in the graph. Include key figures from the data as part of your description.
- *Provide a conclusion that paraphrases the main findings.*
- Include at least 3 transitions.

### **Writing Supports:**

- Discuss the graph with a partner first.
- Refer to the sample models of graph descriptions.
- Refer to the handout: Set of Steps: Graph Description.
- *Use the writing template as a support.*
- Refer to the list of transitions.

Science Writing Task: Write a short lab report.	

### Length:

3 to 4 paragraphs

### **Directions & Requirements:**

- Provide appropriate details for these components of a lab report:
  - Hypothesis statement (introductory sentence to the report)
  - Materials used, step-by-step procedures followed (1 to 2 paragraphs)
  - Results (1 paragraph)
  - Conclusion (1 paragraph)
- For the results, describe the kind of data that was collected and summarize your observations.
- For the conclusion, state whether you accept or reject the hypothesis, then explain why.
- *Include at least 2 transitions.*
- This writing piece will be graded based on the checklist provided by the teacher.

### **Writing Supports:**

- Refer to the two-column notes taken during the lab.
- Refer to the list of transitions.

Art  Writing Task: Write a short Artist Statement about your painting or sculpture. Your statement will be posted next to your work at the art fair.	
The school community	to explain the development process and intended interpretation of your piece

### Length:

half to one page

### **Directions & Requirements:**

- Introduction that describes your piece
- Body: Discuss your personal motivation for creating the piece, your thought-process, steps taken to develop the piece, and symbolism or meaning you want others to derive.
- Conclusion: Address the challenges/successes you experienced while completing the piece.
- *Include at least 4 appropriate art vocabulary terms from Elements and Principles.*
- Share a first draft with a peer during time provided in class to get feedback before you write your final Artist Statement.
- Submit using Google Docs.

### **Writing Supports:**

- Refer to the model writing samples from last year's students.
- Refer to the writing template provided by the teacher.

### **References:**

Berninger, V. W., & Winn, W. D. (2006). Implications of advancements in brain research and technology for writing development, writing instruction, and educational evolution. In C. A. MacArthur, S. Graham, & J. Fitzgerald (Eds.), *Handbook of writing research* (pp. 96–114). Guilford Press.

Harris, K. R., Schmidt, T., & Gra ham, S. (n.d.). *Strategies for composition and self-regulation in the writing process.* Reading Rockets. http://www.ldonline.org/article/6207/

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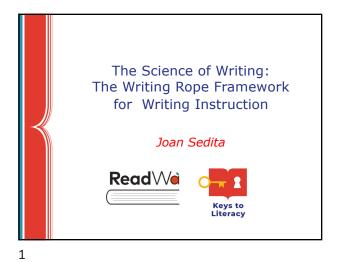
Saddler, B. (2012). Teacher's guide to effective sentence writing. Guilford Press.

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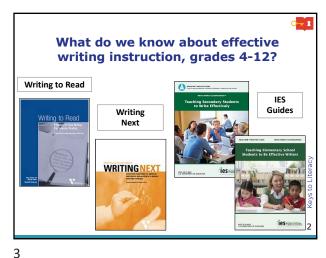
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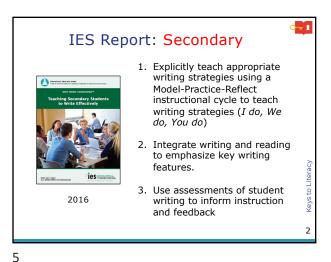


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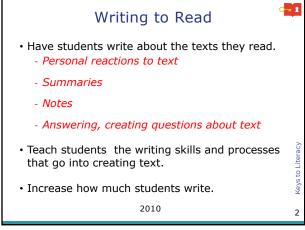
IES Report: Elementary 1. Provide daily time for students to write. Teach students to use the writing process for a variety of purposes. Teach students to become fluent with handwriting, spelling, sentence construction, typing, and word processing. 2012 4. Create an engaged community of writers.





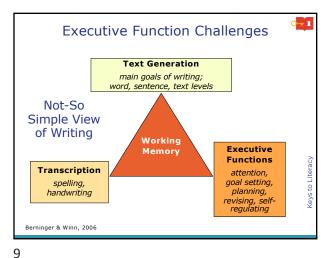
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**Gradual Release of Responsibility** Teacher-focused, modeling, Ι direct/explicit instruction, think aloud Guided We Whole-group, smallpractice group, collaborative RESEARCH: **Explicit Instruction** of Writing Skills You & Strategies Independent use by student



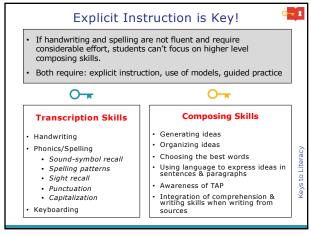
The Challenge of Writing "While negotiating the rules and mechanics for writing, the writer must maintain focus on factors such as organization, form and features, purposes and goals, audience needs and perspectives, and evaluation of the communication between author and reader. Selfregulation of the writing process is critical; the writer must be goal oriented, resourceful, and reflective... For skilled authors, writing is a flexible, goal-directed activity, scaffolded by a rich source of cognitive processes and strategies for planning, text production, (eys to Lite and revision." Harris, Schmidt, Graham

Writing Difficulty: Common Issues 1. Often lack critical reading skills 2. Tend to lack understanding of grammar concepts 3. Have a difficult time editing their own writing and/or the  $\ \ \,$ writing of others 4. Typically have a hard time identifying or creating a logical sequence of ideas 5. Often lack a strong vocabulary 6. Don't effectively use pre-writing strategies. Alternatively, they may have great difficulty in starting a piece of writing. What issues do you see Keys in the writing of your students who have difficulty writing?

CRITICALTHINKING Generating ideas, gathering Writing process: organizing drafting, writing, revising WRITING TRANSRIPTION, WRITING **CRAFT** Spelling
 Handwriting, keyboarding

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The...

Task

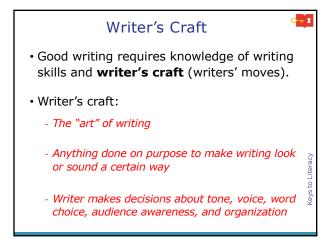
Audience

Purpose

...influence many decisions during the writing process.

W#4: Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

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Elements of Writing Craft

Writer's Voice

Writer's unique style, emotion, personality

"writing from the heart" – making the reader feel emotion

Achieved with choice of language to describe action, setting, use of dialogue

Narrative Point of View (1st, 2nd, 3rd person)

Word Choice

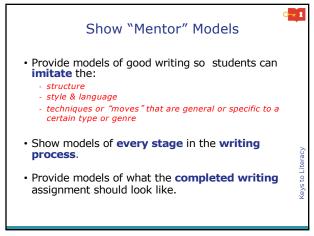
Purposeful use of specific vocabulary and word placement to create an effect on the reader

Use of descriptive, colorful language and precise words

Literary Devices:

allegory, allusion, dialogue, figurative language (metaphor, simile, analogy), flashback, hyperbole, imagery, personification

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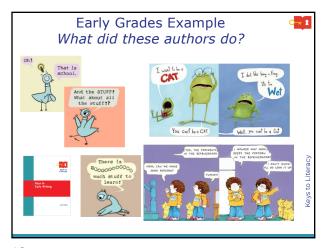
Focus Areas for Mentor Text

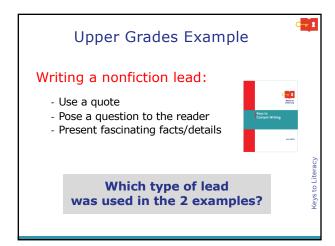
Focus Areas for Mentor Text

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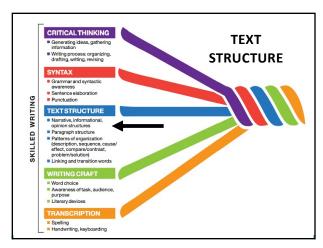
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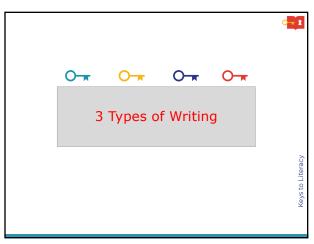


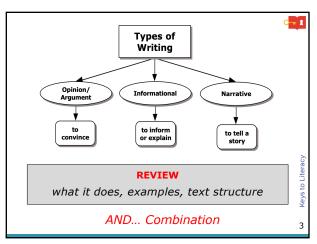
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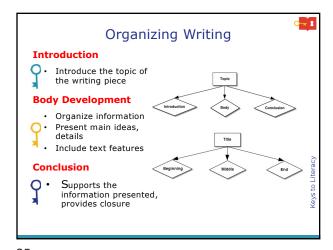
Example 1: Sara White is an all too typical student in Philadelphia – she stopped going to school last year, and was on her way to becoming one more dropout. "The teachers didn't care, the students didn't care," White said. "Nobody cared, so why should I?' use a quote Example 2: As the season of mortarboard flinging, inspirational speeches, and \$5 billion in congratulatory gifts is once again upon us, it's worth pausing to consider that more than 1.3 million students drop out of high school each year - that's Keys to Literacy about 7,000 per day. And while America's graduation rate has been on a slow rise (it's up to 75.5 percent (as compared to 72 percent in 2001) there are still concerns that improvements are piecemeal. present fascinating facts/details

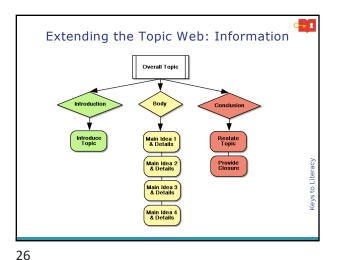


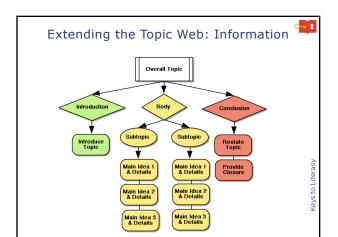
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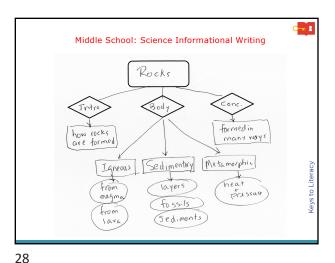


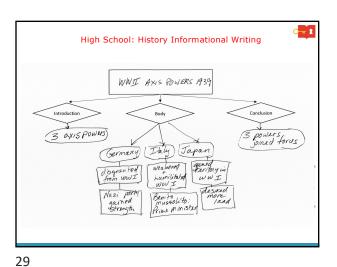


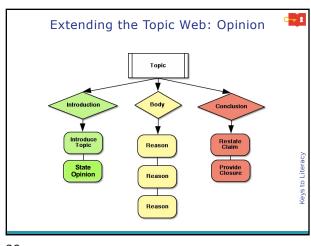




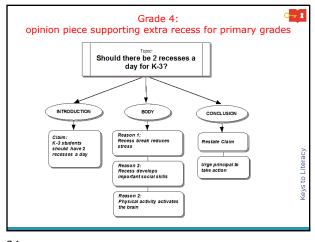


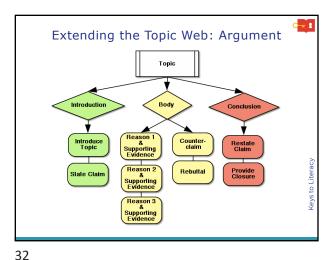


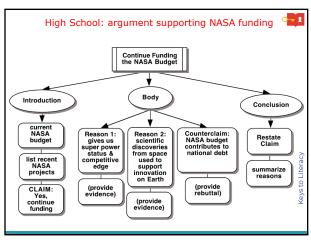


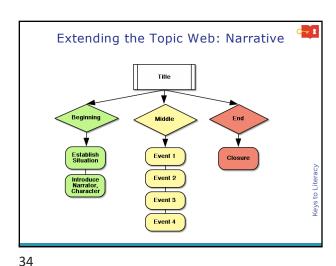


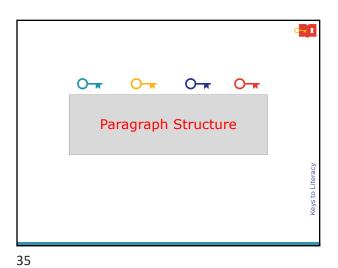
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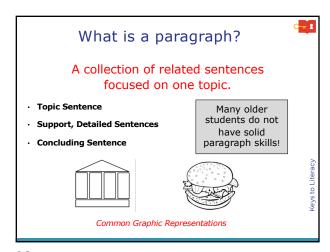




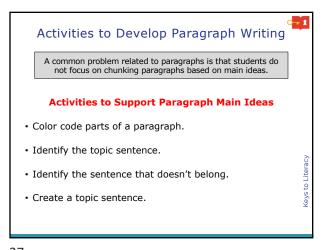








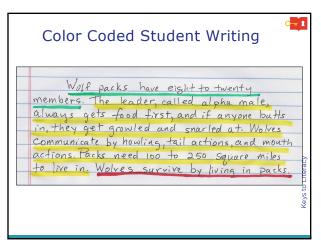
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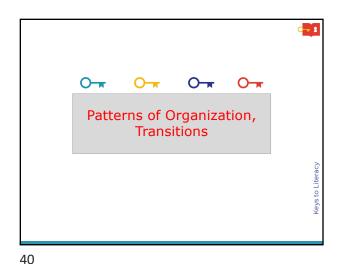


Color Coding Model Text

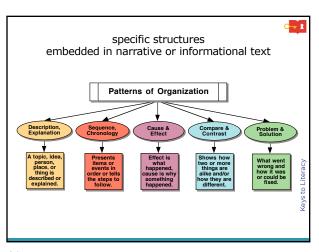
Viruses can cause diseases that range from annoying to serious. Some examples of diseases that are annoying and perhaps a bit painful include colds, fever blisters, and warts. Other diseases caused by viruses are serious and can cause permanent damage or even death. Examples of these diseases are AIDS, measles, influenza, hepatitis, smallpox, and mumps. In all cases, viruses infect cells causing a range of symptoms.

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Transitions

What is a transition?

- Linking words, phrases, sentences

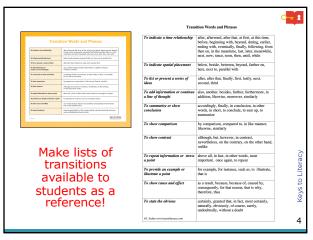
- Use to link sentences, paragraphs, and sections of text

Used to

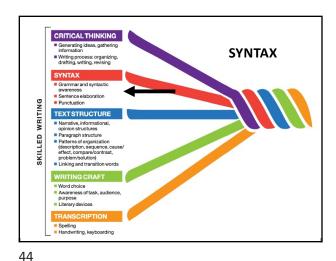
- Clarify relationships
(e.g., compare/contrast, cause/effect)
- Create cohesion
- Link ideas

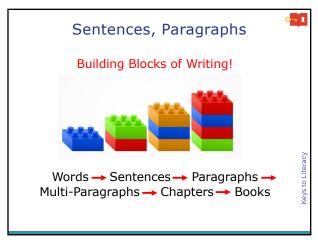
Some students include while writing first draft, some need to consciously add them later.

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Syntax: Sentence Structure

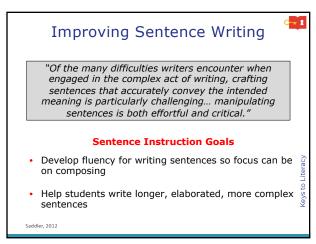
• One by one, sentences (oral or written) communicate ideas that add up to make meaning.

• Encourage students to think about what makes a sentence "strong."

Syntax: the system and arrangement of words, phrases, and clauses that make up a sentence

Syntactic Awareness: understanding grammar

45 46



Developing Syntactic Awareness

Goal: provide multiple opportunities for students to practice manipulating parts of sentences

Sentence Anagrams

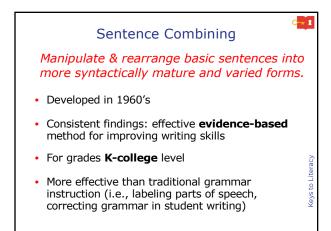
Sentence Elaboration

Sentence Combining

Fragment or Complete

Sentence Structure
Part 2

Literacy Lines Blog https://keystoliteracy.com/blog/



Simple Examples

The book was good. The movie was good.

The book and the movie were good.

The girl drank lemonade. The girl was thirsty.

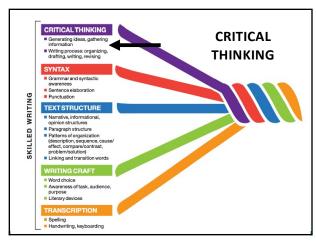
The thirsty girl drank lemonade.

The weather was perfect. The girls were playing soccer.

The weather was perfect, and the girls were playing soccer.

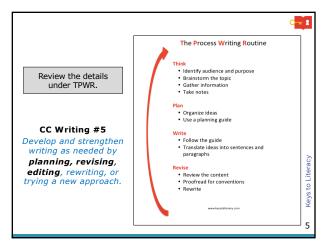
49 50



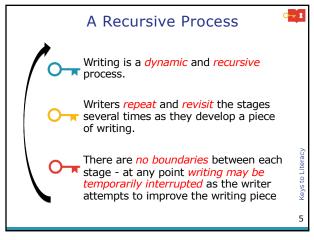


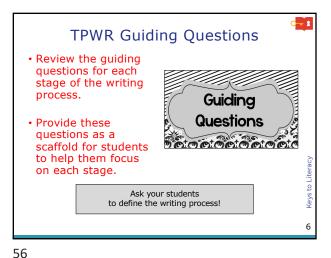
51 52



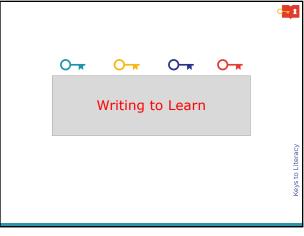


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Writing to Read

• Have students write about the texts they read.

• Personal reactions to text

• Summaries

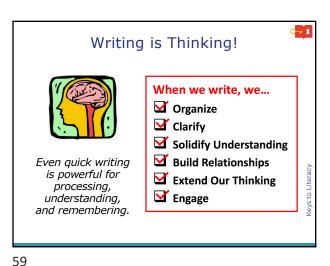
• Notes

• Answering, creating questions about text

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

• Increase how much students write.

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Writing to Learn Skills

Annotating text sources

Gathering information, evidence into notes

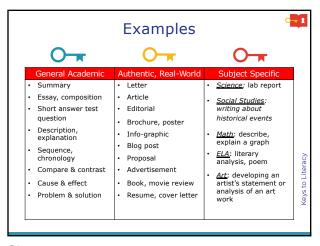
Planning, organizing information

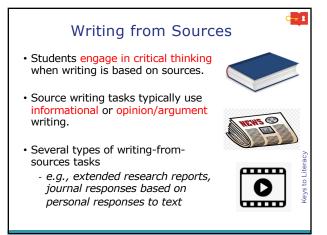
Turning notes and plan into sentences, paragraphs

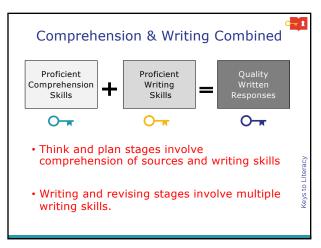
Knowledge of text structure, text features

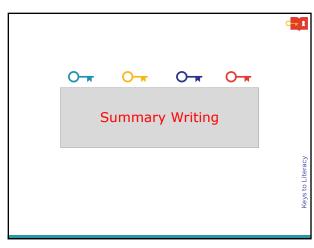
Revising and editing skills

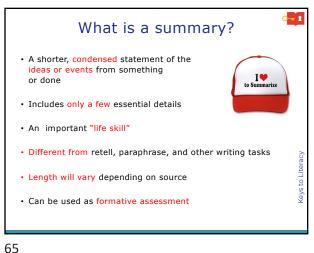
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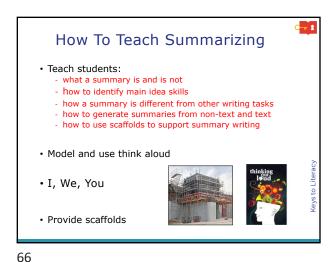


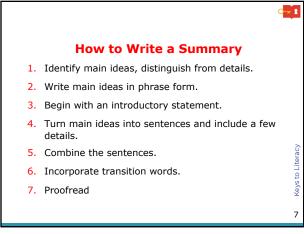


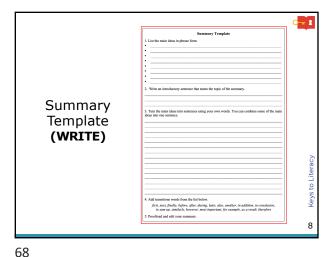




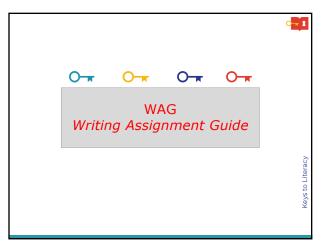


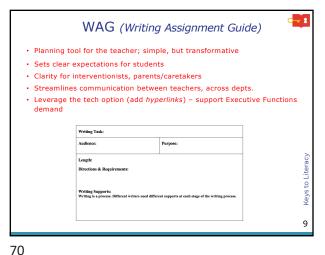






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