

Why CTE Literacy?

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SmartBrief We read everything. You get what matters.

'In my experience working with hundreds of schools, the easiest way to improve student performance at scale is by having students write in every class. This is a recognized necessity in English and reading, but when writing takes place in every classroom, across every subject, students develop the ability to apply critical reasoning and effectively express ideas across subjects. Simply put, the practice deepens learning across the board."

"More than 30 years of research from the University of Chicago shows teaching analytical reading and writing across disciplines is the most important thing we can do to improve our students' college and career readiness. Students who wrote regularly in each of their classes showed consistent improvements in math and science courses as well, not just English."

Katherine McKnight

Why CTE Literacy?



"The Standards insist that instruction in reading, writing, speaking, listening, and language be a shared responsibility within the school. The K-5 standards include expectations for reading, writing, speaking, listening, and language applicable to a range of subjects, including but not limited to ELA. The grades 6-12 standards are divided into two sections, one for ELA and the other for history/social studies, science, and technical subjects. This division reflects the unique, time-honored place of ELA teachers in developing students' literacy skills while at the same time recogniting that teachers in other areas must have a role in this development as well."

Why CTE Literacy?

ACHIEVETHECORE.ORG

- This interdisciplinary approach to literacy stems from extensive research establishing the need for college and career ready students to be proficient in reading complex informational texts, independently, in a variety of content
- Most of the required reading in college and workforce training programs is informational in structure and challenging in content
- Postsecondary education programs typically provide students with both a higher volume of such reading than is generally required in K-12 schools and comparatively little scaffolding.
- The 2009 reading framework of the National Assessment of Educational Progress (NAEP) requires a high and increasing proportion of informational text on its assessment as students advance through the grades.

Why CTE Literacy?

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Instructional Shifts Mean a Change in Practice!

From..

Content knowledge primarily from teacher-led lecture



Content knowledge comes from a balance of reading, writing, lecture, and hands on experience

Why CTE Literacy?





"Think Alouds: Unpacking the Standards" (Video from Teaching Channel)

Why CTE Literacy?

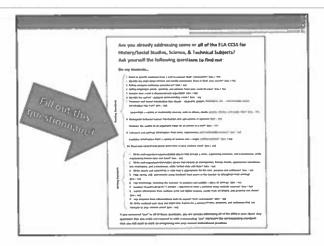
- What does literacy mean in your discipline?
- How do professionals in your field use reading and writing skills in a real-world setting?



Why CTE Literacy?

- Many of the standards correlate with instructional best practices that are not exclusive to the ELA classroom
- You are probably already addressing at least a few Common Core literacy standards in your classroom and don't even realize it!
- Let's find out what you're already doing, and build on that foundation as we move forward...

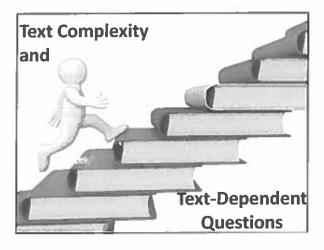


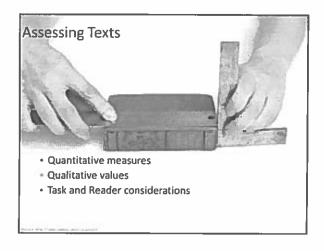


Now What?

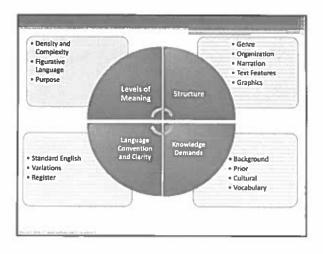


- Fllp to the next page and compare your responses with the nutshell versions of the standards
- 2. See which standards you are and are not currently addressing
- 3. Use the nutshell standards as a guide for determining areas to focus on for continuous improvement
- 4. Use the full-length standards for fine-tuning as you gradually incorporate literacy into your existing instructional practices





Grade hand	2010	Revised CCSS 2011	ATOS	DRP	FK	SR	RM
K-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2-3	450-790	420-820	2.75- 5.14	42-54	1.98- 5.34	0.05-	3.53
4-5	770-980	740-1010	1.97- 7.03	52-60	4.51- 7.73	0.84-	5.42 7.92
6-8	955-1155	7925-1185	7.00-	57-67	6.51-	4.11-	7.04
9-10	1080-	1050-1335	9.67-	62-72	B 32- 12.12	9,02-	8.41 10.8
11-CCR	1215- V 1355	11R5-13R5	11.20- 14.10	67-74	10.34- 14.2	12.30- 14.50	9.57 _12
Lexile:	Lexile (N	letaMetries)					
ATOS: DRP:		ed Reader (R			ing)		
FK:	Fleisch-K	if Reading Pe incaid	wer (Qu	23491.)			
SR:		iter (Educatio	nal Testi	ng Servi	ice)		
RM:		cadine Matu				ation)	



Levels of Meaning and Purpose

- Density and complexity
- Figurative language
- Purpose

Levels of Meaning and Purpose

Is it about talking animals, or the USSR?

Is it entertainment, or political satire?

Is it straightforward, or ambiguous?



Structure

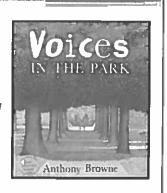
- Genre
- Organization
- Narration
- Text features and graphics

Structure

Changes in narration, point of view

Changes in font signal narration changes

Complex themes



Language Conventions

- Standard English and variations
- Register

Language Conventions

Non-standard English usage

"Out in the hottest, dustiest part of town is an orphanage run by a female person nasty enough to scare night into day. She goes by the name of Mrs. Sump, though I doubt there ever was a Mr. Sump on accounta she looks like somethin' the cat drug in and the dog wouldn't eat."





Knowledge Demands

- Background knowledge
- Prior knowledge
- Cultural knowledge
- Vocabulary

Knowledge Demands

Domain-specific vocabulary (radioactive, acidity, procedure, vaccination)

Background knowledge (diseases, safety risks, scientific experimentation)



Close	Rea	ding	Ø,	And	101	itet	on

Range of Reading and Level of Text Complexity:

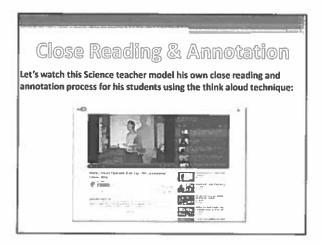
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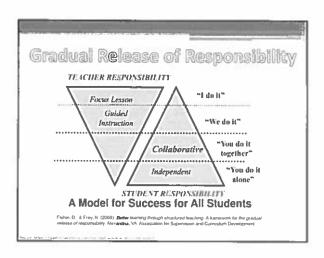
By the end of grade 12 read and comprehend science/technical texts in the grades 11-CCR text complexity band independently and proficiently.

CCSSTILA EITERACYCCRA R I

Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

Close Reading & Annotation * The text mentions a DNA study. What does DNA stand for ?" Iff I note an interesting passage "Iddn't reaker that tapeworms can grow to 23 meters!" C = connection to another text or piece of evidence "The bods wrus is lake the AIDS virus we read about yesterday because." * I (check) = Access prior knowledge; I already knew that? "I have that photoxynthesis required water." * I = Challenge your own thinking, new information "That do do do a that Nobel swented dynamite." * Reason that looks important - "I'll need that piece of evidence about inceratops to support my thesis." * Bas It' = Remember words you don't know, are repeated, or you just like "Twe seen the word ignorminous several times, and I need to knok it up."





Close Reading & Annotation

Vale Middle School Articles of the Week

http://vms.vale.k12.or.us/articles-week

Now let's try this text annotation strategy with the article, "Reading in Every Classroom, Every Day" by Douglas Fisher and Nancy Frey.

Text Annotation Strategy

(c) agree, [] disagree, [4] requirement, [6] surprising, [9] surreturns

Step 2; Number the paragraphs, flood the arts is carefully and make notes in the morph

Stop 5. A lived quash round curring anything you may have remaind during the first time credit

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ABC Summaries

Sample summary of "Reading in Every Class, Every Day":

Nancy Frey and Douglas Fisher's article "Reading in Every Class, Every Day" asserts that effective schools practice expressive literacy throughout the school day, but implementation of such an expansive reading policy can be difficult. Independent reading, reciprocal teaching, and SQ3R are three practical strategies that can help teachers in any content area to incorporate literacy into their classes in a way that enhances core content instruction.

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Independent Reading

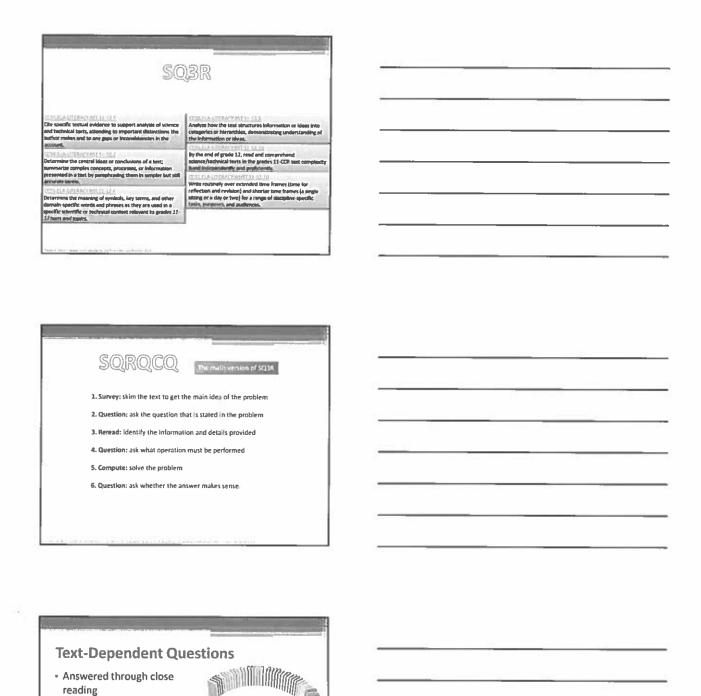
There is evidence that when students are given time for independent reading of

Example of practices from the article:

- * Ten minutes each day in class to read course-related content
- "Scientists read every day as part of their jobs, and I want my students to have that same experience"
- Magazines and other materials related to course standards
- · Rotate selection of reading materials based on the current unit of study

Reciprocal Teaching "As groups of students reud and talk about what they read, they learn more " Students work in groups, each taking on a specific role in the reading process: • Predicting Questioning * Summarizing Students stop at regular intervals (each paragraph, new heading, etc.) to discuss, each making unique contributions to the group's comprehension based on their individual jobs. Desired Outcome: with frequent practice, students will incorporate these skills into their independent reading. Reciprocal Teaching Evaluate the hypotheses, data, analysis, and conclusions in science or sachecal test, verifying the data when possible and correlatoring or challenging conclusions with other sources of information. nine the central idnes or conclusions of a lext; rise complex concepts, processes, or information ted in a test by paraphresing them in simpler but still is forms. By the end of grade 12, reed and comprehend advece/sochrecal texts in the grades 11-CCR text complex based temperaturely and professible. Produce deer and coherent writing in which the development, organization, and style are appropriate to task, purpose, and extense. Determine the meaning of symbols, key terms, and other domain-specific words and phroses as they are sond in a specific security or sectional relevant to growths 12-12 terms and inquire. Bask, purpose, and authorize. Care Control of the Analyse the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a test, life of the graph and bisses that remain unresolved.

SQ3R
ils are an important part of the secondary school curriculum. One of the ways that Ip students learn to study while reading is through the SQ3P process."
2. Survey: skim text for headings and charts
2. Question: turn headings into questions
3. Read: read to answer questions
4. Recite: answer questions and make notes
5. Review: reread for details and unanswered questions.



 Evidence comes from text, not information from outside sources

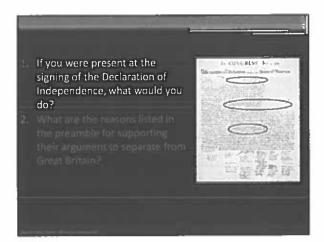
Understanding beyond basic

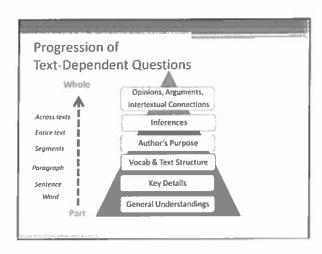
Open-ended questions

facts
Not recall!

Which of the following questions require students to read the text closely?

- If you were present at the signing of the Declaration of Independence, what would you do?
- 2. What are the reasons listed in the preamble for supporting their argument to separate from Great Britain?





General Understandings Overall view Sequence of information Story arc Main claim and evidence Gist of passage CSSTATIFICALYRS 11.12.7 Determine the central ideas or conclusions of a text; summatric complex concepts, processes, or information presented in a text by paraphrasing them a simpler but still accurate terms. CSSTATIFICALYRS 11.12.7 Follow precisely a complex multisties procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.

General Understandings in Kindergarten Retell the story in order using the words beginning, middle, and end.

Key Details Search for nuances in meaning Determine importance of ideas Find supporting details that support main ideas Answers who, what, when, where, why, how much, or how many. CCSSTA THRACYRST 11 17.1 Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in

the account.

Key Details in Kindergarten

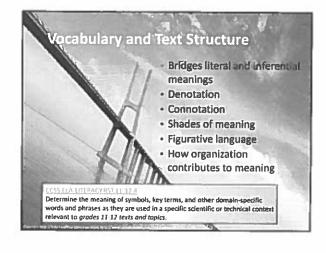
- How long did it take to go from a hatched egg to a butterfly?
- What is one food that gave him a stomachache?
- What is one food that did not him a stomachache?

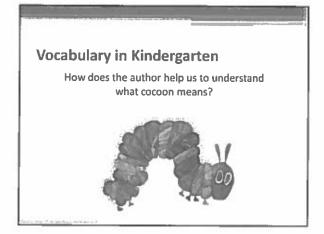


It took more than 3 weeks. He ate for one week, and then "he stayed inside [his cocoon] for more than two weeks."



Foods that did not give Foods that gave him a him a stomachache stomachache - Chocolate cake Apples • Pears · Ice cream - Piums - Pickle - Strawberries - Swiss cheese - Salami - Oranges Lollipop Cherry ple Sausage Cupcake Watermelon





There is an illustration of the cocoon, and a sentence that reads, "He built a small house, called a cocoon, around himself."



Author's Purpose

- Genre: Entertain? Explain? Inform? Persuade?
- Point of view: First-person, third-person limited, omniscient, unreliable narrator
- Critical Literacy: Whose story is not represented?

Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, Identifying important issues that remain unresolved.

Author's Purpose in Kindergarten

Who tells the story—the narrator or the caterpillar?
How do we know?



A narrator tells the story, because he uses the words *he* and *his*. If it were the caterpillar, he would say *I* and *my*.



Inferences Probe each argument in persuasive text, each idea in informational text, each key detail in literary text, and observe how these build to a whole. Read closely to determine what the text says explicitly and to make logical inferences from it, cite specific textual evidence when writing or speaking to support conclusions drawn from the text. Inferences in Kindergarten The title of the book is The Very Hungry Caterpillar. How do we know he is hungry? Why is he so hungry? The caterpillar ate food every day "but he was still hungry." On Saturday he ate so much food he got a stomachache! Then he was "a big, fat caterpillar" so he could build a cocoon and turn into a butterfly.

Opinions, Arguments, and Intertextual Connections

- · Author's opinion and reasoning
- Claims
- Evidence
- Counterclaims
- Ethos, Pathos, Logos
- Rhetoric

Links to other texts throughout the grades

Opinions, Arguments, and Intertextual Connections

- Author's opinion and reasoning
- Claims
- Evidence
- Counterclaims
- Ethos, Pathos, Logos
- Rhetoric

Links to other texts throughout the grades Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.

Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information.

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S.E.A.LISERACYRST 11-12.B

Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.

Opinions and Intertextual Connections in Kindergarten

Narrative

Is this a happy story or a sad one? How do you know?



Informational

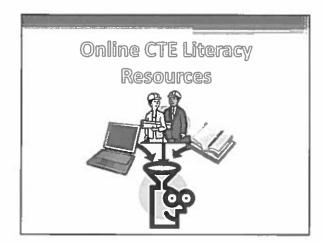
How are these two books similar? How are they different?

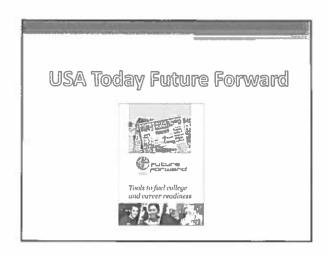


Develop Text-Dependent Questions for Your Text



- Do the questions require the reader to return to the text?
- Do the questions require the reader to use evidence to support his or her ideas or claims?
- Do the questions move from text-explicit to textimplicit knowledge?
- ☐ Are there questions that require the reader to analyze, evaluate, and create?





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Why USA Today Future Forward?

- Improves reading comprehension and critical thinking skills.
- Integrates seamlessly into any classroom.
- Designed specifically for CTE
- Offers easy online access
- Aligns with <u>Complete Core State Standards</u>



Key Features:

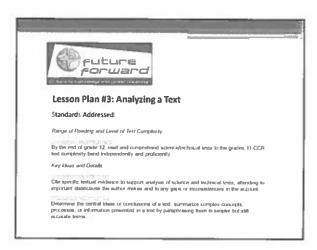
- + Content rich informational texts connect to learning with the real world.
- Regular practice with complex text and academic vocabulary in a variety of content areas.
- Surreen lesson templates
 (10 for use with informative/persuasive texts; six designed to explicitly build on all large.
- + Reading guides work with any text
- Mini assessments organized by career cluster
- Library of USA TDDAY articles catalogued by 16 career clusters and updated monthly
- + Articles include a Leville measurement so teachers can differentiate instruction for students
- Career related RSS feeds

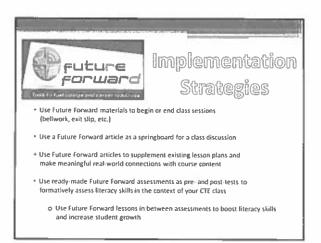
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future f anward articles generally score over 1000 in Leule measurement, meeting or exceeding the Common Core Leut complishing guidelines for grades 9 CCR (College and Career Ready)

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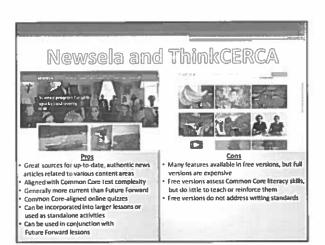


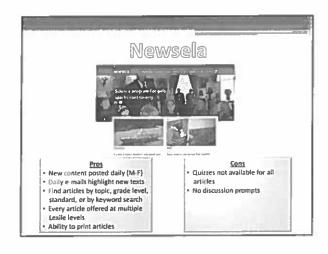


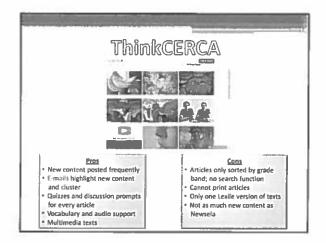


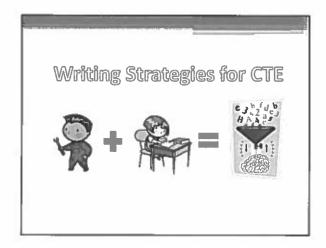
Implementation Strategies

- Pair Future Forward with other instructional best practices for literacy (think aloud, reciprocal teaching, think-pair-share, SQ3R, text annotation, etc.)
- . Leave an article and a Future Forward lesson as a sub plan
- Use Future Forward lessons with other texts, such as more recent articles from USA Today, or texts from other sources, such as trade magazines, technical manuals, professional journals, newspapers, etc.
- Use Future Forward lessons with articles from websites like Newsela and ThinkCERCA



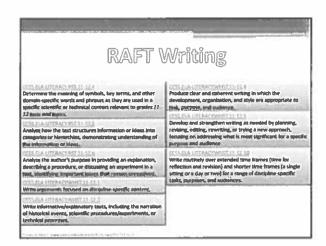


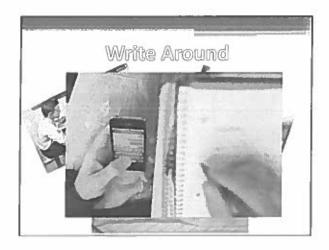














Write Around

- Divide students into groups of four Have each student get a blank sheet of Have each student get a blank sheet of paper and put their name in the upper 5. After one minute, students pass their left-hand margin
- Assign a text or topic
- After reading or thinking on the topic, 6, students get out a sheet of loose leaf paper and write silently for about one minute, or until everyone has about % of a page written
 - They must write the whole time, 7 but they can write about any aspect of the topic that interested
 - They may write about what they agree/disagree with

- They may write about questions
- papers to their left and receive papers from their right
- Students read and respond to peers' writing for a couple of minutes, then pass and repeat until you're ready to stop and return the papers to their original owners
- Afterwards, students read their papers and then proceed to have a lively, active discussion on the topic
- Have students discuss in their groups and then report out to the class on their conclusions

Write Around

- · What are some examples of how literacy is already a part of your classroom instruction?
- · How can you envision integrating some of the strategies we've discussed so far today into what you already do?







eLearning Soft Skills Lessons



"Proving you have the know-how and education to do a job is pretty important, but there are social graces that employers say are equally vital in the workers they hire.

These "soft skills," such as work ethic, positive attitude, accountability, effective formunication, time management, problem solving, teamwork, flexibility, dependability and motivation, can't necessarily be measured on a test. But Jackson area employers and componies who train workers say they can be learned and do go a long way toward increasing productivity and building harmony in the work place."

Leanne Smith, mlive.com reporter

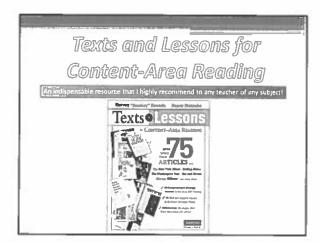
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eLearning Soft Skills Lessons

Students can practice soft skills and library together by

- ...using the online-based, Interactive text to meet the multimedia portion of the reading standards
 - Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, under, multimedia) en order to address a question or solve a problem
- ·.. using a summarization strategy to express the main idea of the lesson
- ...building a RAFT based on a soft skilfs-related scenario
- *...completing a write around with classmates after they've all finished the soft skills lesson
- ...completing a Future Forward lesson to demonstrate understanding of the main idea and supporting details
- ...using a structured note-taking method, such as Cornell Notes, while watching the video





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Works Consulted

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