Capacity Builders: Illinois Comprehensive Literacy Plan

Disciplinary Literacy and

Supporting Adolescent Readers

April 10, 2025 Session 7



Meet the Presenters

Molly Allen

Asst. Regional Superintendent ROE #17

Dr. Scott Filkins

Lecturer, Licensure Program Coordinator Department of Curriculum & Instruction, UIUC

Kellyn Sirach

Reading Content Specialist IL SLD Support Project



Capacity Builders: Illinois Comprehensive Literacy Plan | Session 7

Housekeeping

- Please complete the registration form for this event.
- Today's slide deck can be accessed here:
- All resources are available in a <u>our shared</u> <u>folder</u> and archived on ISBE's <u>Illinois</u> <u>Comprehensive Literacy Plan webpage</u> after each session.





Illinois has an **urgent** and **collective responsibility** to achieve **educational equity** by ensuring that **all** policies, programs, and practices **affirm** the **strengths** that each and **every child** brings within their **diverse backgrounds** and **life experiences**, and by delivering the comprehensive **supports**, **programs**, and **educational opportunities** they need to **succeed**.

ISBE Equity Statement





Capacity Builders: Illinois Comprehensive Literacy Plan | Session 7

Shared Norms

Empower

Engage

Uplift

Unite

Stay future-focused, work toward solutions, and promote progress in every discussion.

Actively participate by sharing feedback and interacting in both the chat and small groups.

Encourage diverse perspectives, provide space for everyone to share their ideas, and embrace discomfort to foster growth.

Foster a sense of togetherness and openness, ensuring full participation. Make your video available if possible.



Learning Outcomes

- Understand key concepts of *disciplinary literacy* and they relate to literacy needs of adolescents
- Align disciplinary literacy instructional practices with the diverse needs of your students
- Become familiar with digital and print resources that support disciplinary literacy practices



Agenda

1

disciplinary literacy overview



highlight instructional practices





What instructional or curricular strengths are you observing in Tier 1/core literacy across disciplines in Grades 6-12?

Why do you consider what you're observing a strength?



2024 ILLINOIS COMPREHENSIVE LITERACY PLAN

Content or disciplinary literacy focuses on developing students' ability to effectively read, write, and communicate within specific academic disciplines. This aspect of literacy recognizes that <u>different subjects</u> like science, mathematics, history, and literature each <u>have unique conventions</u>, <u>vocabularies</u>, and methods of inquiry.

Students Educators Leaders



isbe.net/LiteracyPlan

2024 ILLINOIS COMPREHENSIVE LITERACY PLAN

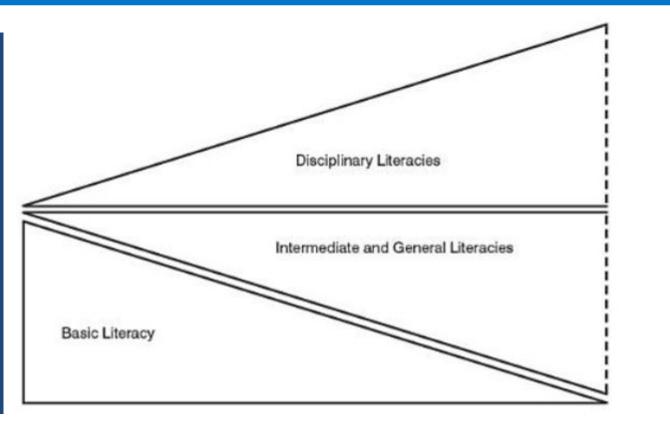
In content literacy, students learn to <u>engage</u> <u>with texts in a manner that is reflective of</u> <u>how experts in the field approach them</u>. For example, in science, this might involve interpreting data from graphs and experiments, while in history, it might focus on analyzing primary source documents.

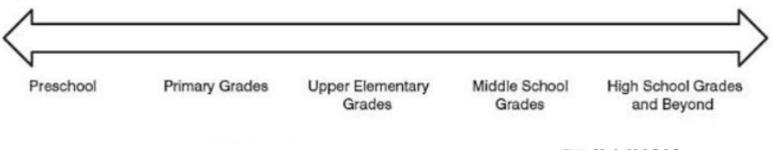




January 2024

Students' literacy learning needs don't go away, but they do change.







content area literacy

put literacy IN the content area classrooms

general reading comprehension strategies for learning content

disciplinary literacy

uncover the literacy practices IN the disciplines to replicate knowledgemaking and inquiry within them

discipline-specific strategies for reading, writing, and talk

critical disciplinary literacy

uncovering the power structures within disciplinary knowledge

seek to change and expand, not merely replicate disciplinary practices





put literacy IN the content area classrooms

general reading comprehension strategies for learning content

"Every teacher is a teacher of reading!"

disciplinary literacy

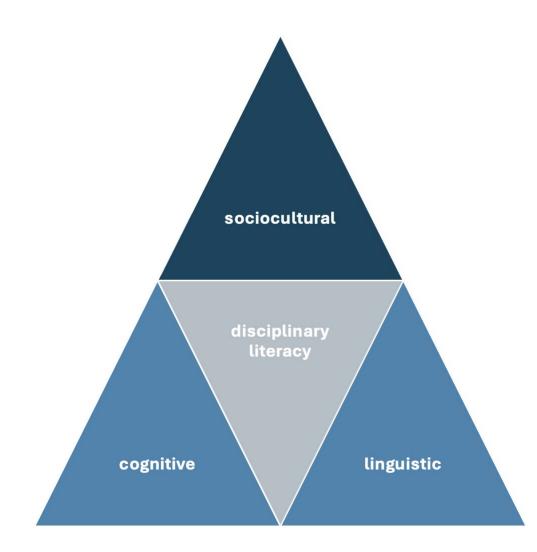
uncover the literacy practices IN the disciplines to replicate knowledgemaking and inquiry within them discipline-specific strategies for reading, writing, and talk "Every teacher is a an expert in their discipline. Show students how to think like a..."

critical disciplinary literacy

uncovering the power structures within disciplinary knowledge seek to change and expand, not merely replicate disciplinary practices expertise is <u>shared</u>, replication is not enough



three ways of viewing the differences among disciplines



different goals, conceptions of what knowledge is, and ways of producing it.

engage in and privilege different kinds of thinking.

use language in different ways to make and communicate meaning.



A good man is hard to find

(The Avon Book of Modern Writing, 1953)

THE grandmother didn't want to go to Florida. She wanted to visit some of her connections in east Tennessee and she was seizing at every chance to change Bailey's mind. Bailey was the son she lived with, her only boy. He was sitting on the edge of his chair at the table, bent over the orange sports section of the Journal. "Now look here, Bailey," she said, "see here, read this," and she stood with one hand an hand him him Style - Perspective and the other rattling the newspaper at his bald head. "Here this The truths 'To Kill a Mockingbird' tells about white people himself The Misfit is aloose from the Federal Pen and headed towar read here what it says he did to these people. Just you read it. 1 . Rereading a classic on its 60th anniversary children in any direction with a criminal like that aloose in it. I could conscience if I did."



I REALLY DIDN'T KNOW WHAT TO THINK ABOUT THE

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Avy 22, 2000 at T14 are 007

I was probably 15 or 16 when I first read Harper Lee's "To Kill A Mockingbird," I may have seen the novie before then (one I have watched countless times since). The story, one of my favorites of all time solidified Lee's unwavering status as one of my top-five authors.

This month marks the 60th anniversary of the Pulitzer Prize-winning book. For me, the enduring,

Still | Rise

10.10

FREE COUPON

SEE CODES

rama banks

BY MAYA ANGELOU

You may write me down in histo With your bitter, twisted lies, You may trod me in the very dirt But still, like dust, I'll rise.

Does my sassiness upset you? Why are you beset with gloom? 'Cause I walk like I've got oil we Pumping in my living room.

Just like moons and like suns, With the certainty of tides, . . .

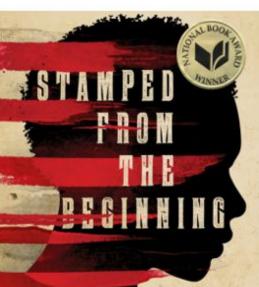


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Burlington April 15. 1774

grow.



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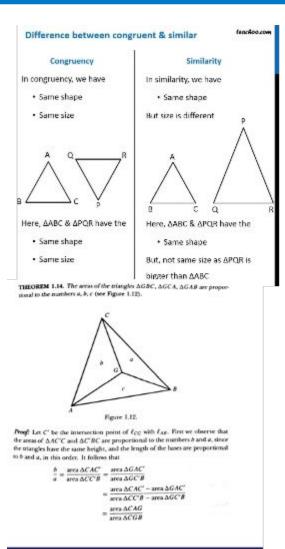
in America

"And engrossing and releasties. intellectual kinory of prejudice in America." Definitive History of Ibram X. **Racist Ideas** Kendi









12 CHAPTER I PRELIMINARIES

Section 1.2 Mathematical Induction

Mathematical Induction is a powerful method of proof that is frequently used to establish the validity of statements that are given in terms of the natural numbers. Although its atility is restricted to this rather special context, Mathematical Induction is an indispensable tool in all branches of mathematics. Since many induction proofs follow the same formal lines of argument, we will often state only that a result follows from Mathematical Induction and leave it to the reader to provide the necessary details. In this section, we will state the principle and give several examples to illustrate how inductive proofs proceed.

We shall assume familiarity with the set of natural numbers:

 $\mathbb{N} = \{1, 2, 3, \ldots\},\$

with the usual arithmetic operations of addition and multiplication, and with the meaning of a natural number being less than another one. We will also assume the following fundamental property of \mathbb{N} .

1.2.1 Well-Ordering Property of N Every nonempty subset of N has a least element.

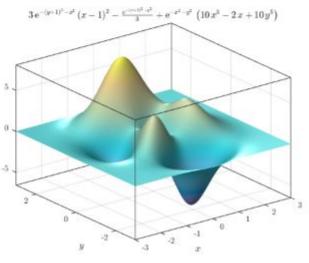
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A more detailed statement of this property is as follo $S \neq \emptyset$, then there exists $m \in S$ such that $m \leq k$ for all k

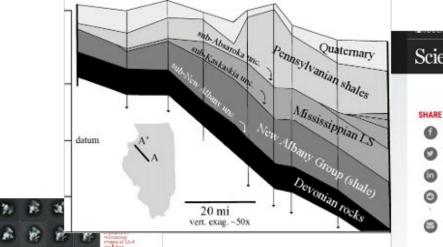
On the basis of the Well-Ordering Property, we shall c of Mathematical Induction that is expressed in terms of s

1.2.2 Principle of Mathematical Induction Let S be a two properties:

- (1) The number $1 \in S$.
- (2) For every $k \in \mathbb{N}$, if $k \in S$, then $k + 1 \in S$.







UNCOVERING THE SPLICEOSOME'S SECRETS

With a high-resolution structure of the mRNA-SPLICING MACHINE now in hand, a new era of biological and pharmaceutical discovery is dawning SAMALEVERTS CREMEERIN

ATCHING FRUIT FLIES buzz around the ripe bananas in your kitchen, you might think it's a tail ludicrous, mortifying even, that humans have a similar number of genesabout 33,000 as the lowly insects. We are certainly more complex than Drosophila reclenogester, so what gives?

The annex loss in the spheromeno, a reliable enrichmental, at first ghreen, source to do non protis straightforward pouring of mosanger INA (within), Asthe addresser bergter (NAP madde add sequence into 8564, the spliceoseme bash-on the newly forming mRNA strand, where it charge out a traccressry means, called interest, and gives together the lefterest, es-ter till sequences, colled ercors. The other more complicated." wANA is then experted to the cell's cyta-plasm, where it gets translated into protein. Most strends of engliced reRNA, eduerwise known os preven RNA, have about a dosen increas that can be sensored. The day spheroware doesn't always link together the remarking excess it a samightforward

manner, Sometimes the splice examina-

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discose Discovery of the tiny machine has TRACTED 10 COMPLEX

biological meltinetton and alterately to

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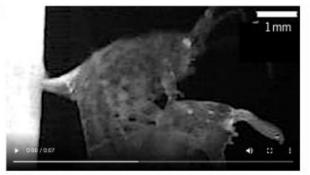
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Science	Contents -	News -	Careers -	Journals +	
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Watch this tiny crustacean make some of the fastest snaps on Earth

By Tess Joesse | Fob. 8, 2021, 11:00 AM

How many times can you snap your fingers in a second? Whatever your record, you're no match for the creature in the video above. This "amphipod"-a microscopic, shrimplike crustacean-snaps its claws thousands of times per second. It's one of the fastest repeatable movements in the animal kingdom, according to a new study, and one that practically defies the laws of physics.

Amphipods (Dulichiella cf. appendiculata) feed on dead algae and seaweed in the cool coastal waters they call home. Males have a single asymmetric claw that makes up about one-third of their total body mass. This appendage is comprised of a thumblike "propodus" and a hinging "dactyl" that swings open and shut at rapid-fire speed-despite only being as wide as a human hair.

In the new study, scientists placed male amphipods under a high-speed camera that allowed them to precisely position each snap in the frame. The fastest moves happened in less than 50 microseconds, or 10.000 times shorter than the blink of a human eve, the researchers report today in Current Biology. The speed is particularly remarkable, the team says, because the drag of water where the attents where they are



18

What happens to texts as readers grow?

Take on purposes and content tied with the broader historical and social world

Follow forms governed by unfamiliar disciplinary practices

Use language and ideas that are increasingly decontextualized and abstract, often with reliance on more complex internal clause structure



CEEDAR CENTER

INNOVATION CONFIGURATION

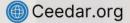
Disciplinary Literacy

Authors:

Zhihui Fang University of Florida

Jen Drake Patrick George Mason University

PUBLICATION DATE, 2024 CEEDAR Document No. IC-18



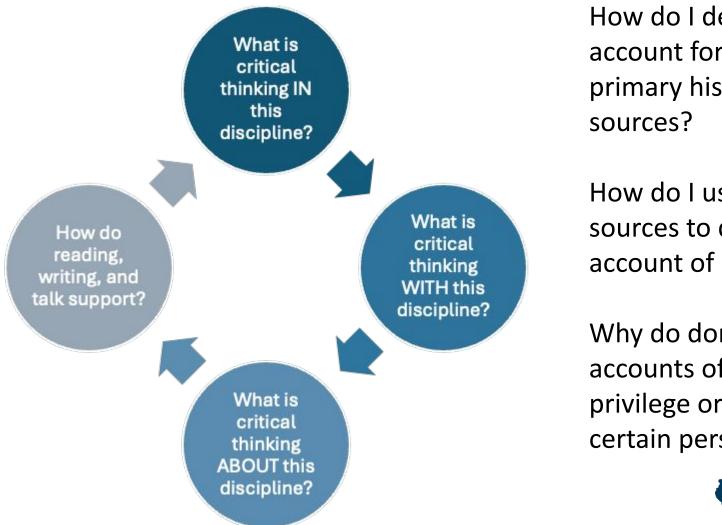
Let's take a closer look at one publication's view of literacy in the disciplines

Breakout rooms

What do you notice? Which of these elements of disciplinary literacy practice do you see in your school settings? Which others do you see?



a framework for critical thinking and motivation



How do I detect and account for bias in primary historical

How do I use primary sources to develop an account of an event?

Why do dominant accounts of an event privilege or exclude certain perspectives?



A disciplinary approach to literacy

is...

- an acknowledgment that the need for literacy instruction doesn't end
- a validation of the literacy expertise of teachers in all disciplines
- a way to frame learning in real-world, inquiry-based settings

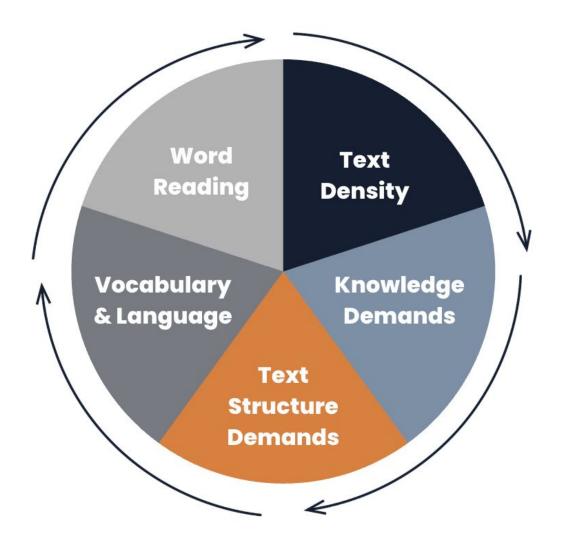
is not...

- a panacea for all literacy challenges in MS/HS
- an abandonment of "content area reading" strategies
- a program, curriculum, or package



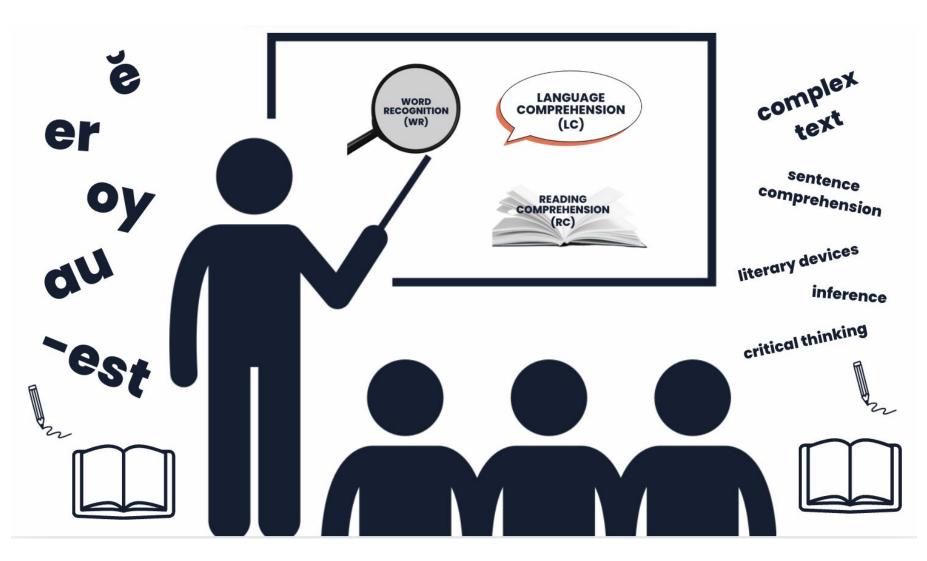
What can make difficult text difficult?





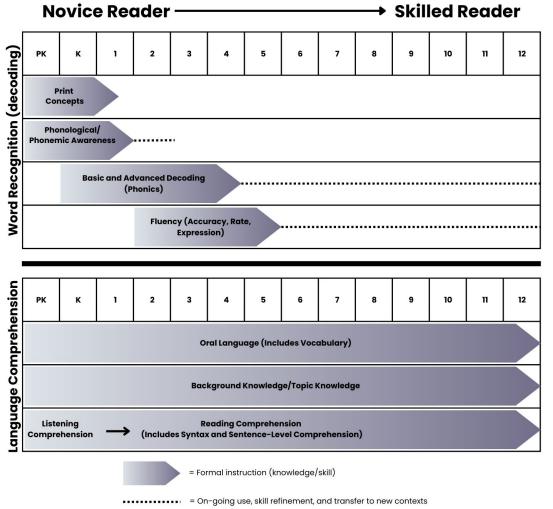
What about a text can be difficult?







Learning Progression for Developing Skilled Readers



ISBE Dyslexia Handbook, P. 76



Tiers of Reading Instruction for Secondary Settings

Component	Tier 1	Tier 2	Tier 3
Vocabulary			
Reading comprehension			-
Fluency			
Multisyllabic word reading			
Foundational word reading skills (e.g., phonics, word recognition)			
	Increasi	ng Intensity of Instructional	Delivery

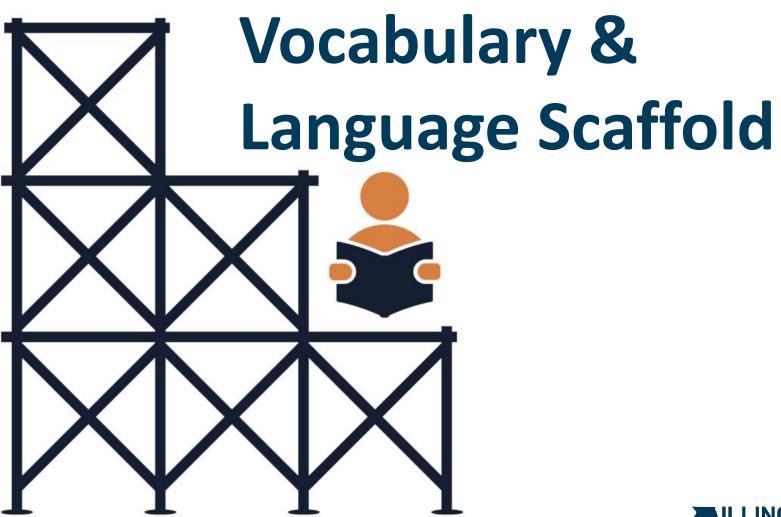
ISBE Dyslexia Handbook, P. 77



Recognize	• Students' strengths & identities, including knowledge & experiences, community connections, & linguistic resrouces.
Leverage	• Those strengths & identities through thoughtful text selection, purposeful learning experiences, and targeted scaffolds.
Support	• Students by providing practice & intruction to develop literacy knowledge using strengths & identities as levers for learning from texts.

(Lupo, Reynolds, & Hardigree, 2025)







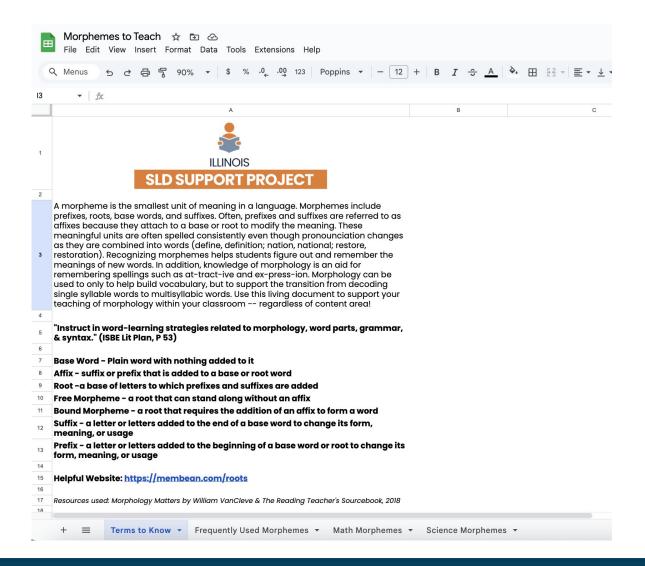
Phonology (What sounds does the word have?)	Orthography (How is the word spelled?)	Syntax (What part of speech?)	
Semantics (What is the meaning of the word?)	Understanding (Does this word sound familiar? Where is it from?)	Morphology (Are there meaningful word parts?)	



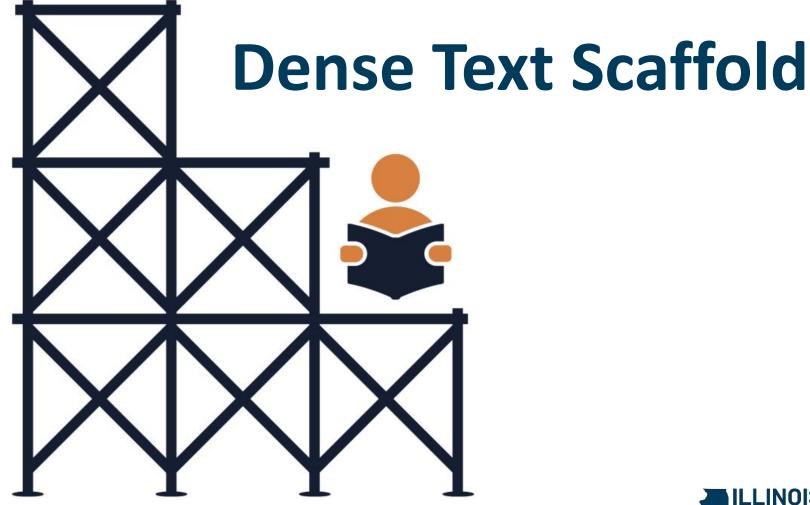
Phonology (What sounds does the word have?)	Orthography (How is the word spelled?)	Syntax (What part of speech?)		
2 syllables	prefix + root	verb		
🜲 predict 🌲				
Semantics (What is the meaning of the word?)	Understanding (Does this word sound familiar? Where is it from?)	Morphology (Are there meaningful word parts?)		
to say before to say what you think will happen before it happens	in ELA we predict what will happen in the book	pre dict before to say or speak		



What morphemes do I teach?









Sentence Paraphrasing

0

Sentence Paraphrasing Procedure

(Lupo, Reynolds, & Hardigree, 2025)

Select a text with complex sentences.

Ensure students have a general understanding of the text before you start. Front load as necessary.

Choose a specific sentence within the text for students to read and notice the parts.

Students put the sentence into their own words.

Students reread the sentence to ensure it includes all parts of the sentence & reflects the author's meaning.

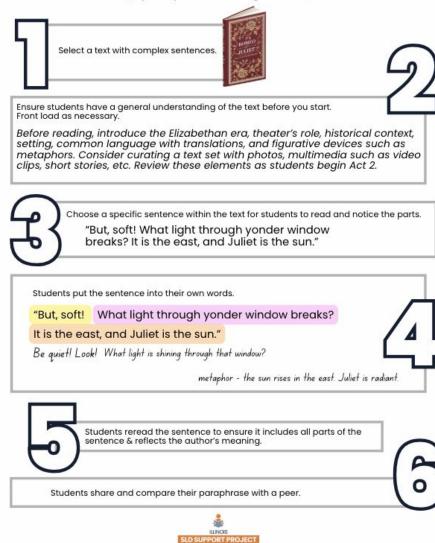
Students share and compare their paraphrase with a peer.



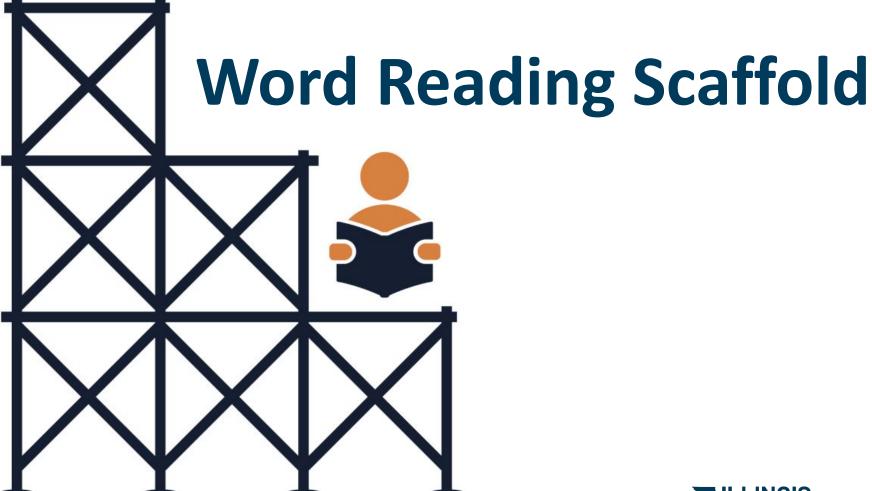


Sentence Paraphrasing Procedure

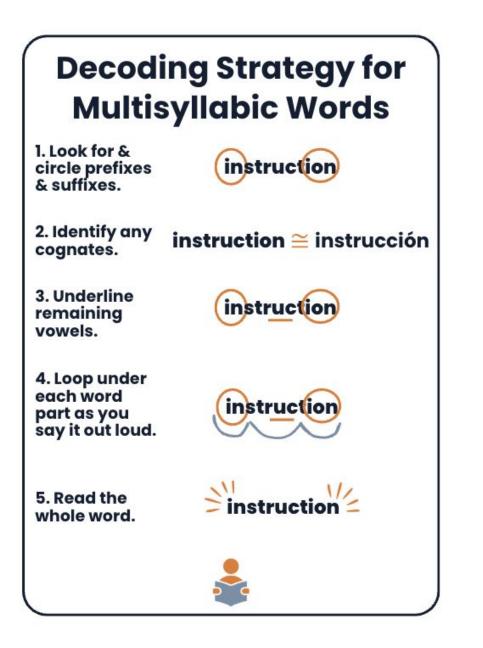
(Lupo, Reynolds, & Hardigree, 2025)











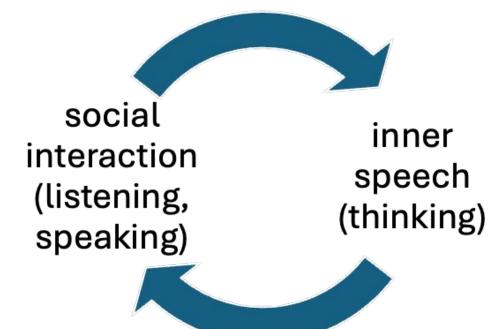


What supports will teachers need in providing these scaffolds in Tier 1 instruction across the disciplines?

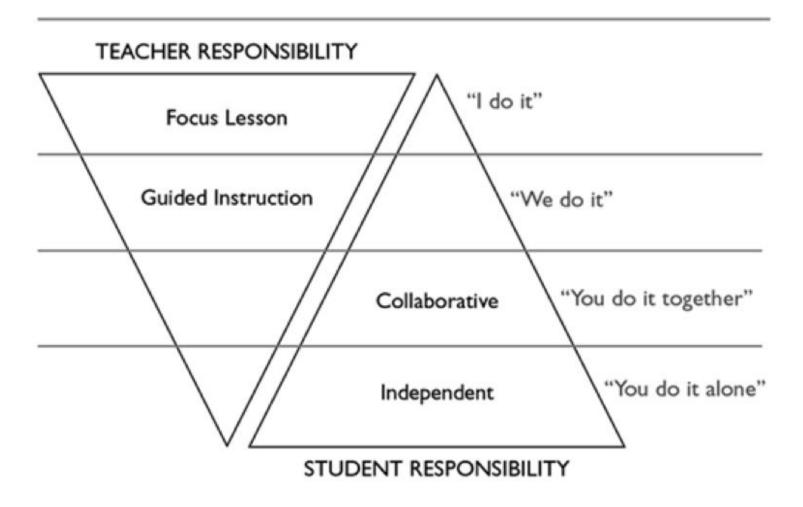


Think-alouds

short, purposeful engagements with text in which the teacher <u>names</u> and then <u>demonstrates</u> a particular way (or ways) of <u>thinking while reading</u>









deciding focus for a think-aloud





Choosing a focus for a think-aloud

chunking	How to detect and deal with bias in a primary source
clarifying	How to move back and forth between graphics and text in a report or article
making connections	How to understand the world an author drops you into at the beginning of a story
visualizing and interpreting visuals	How to read science skeptically
questioning for engagement and deepening understanding	How to use background from previously studied texts to inform a new text
predicting and confirming	How to read word problems to convert them into mathematical language



Preparing a text for a think-aloud

 \odot

Match text to goals, but begin with a goal: What am I trying to show?



Read the text carefully and pay attention to what your brain is doing while you read



Practice stopping and sharing your thinking, making sure you're focused on UNDERSTANDING and not PERFORMING



Practice connecting your goals to your talk; ask students what they noticed you doing; then encourage them to keep reading with your strategies in mind



Think alouds are

- Focused and goal oriented
- Invitations for us as teachers to get to know our texts and reading processes well
- Ways you give access to ways of thinking, comprehending, and interpreting that are likely new to many students
- Purposefully "teacher-centered" to provide modeling and guidance on the way to a pass-off to groups or individual reading
- One tool in a repertoire of practices
- An invitation for students to re-read with their own background knowledge and processes

are not

- long, drawn out experiences
- chances to ask questions that you then point toward students ("interrogation style")
- chances for you to show off what you know and can do—you're bridging the expertise between students and you
- one-time experiences/miracle "fixes"



Writing and Assessment

Embed writing activities into content. Generate ideas from class work.



"Writing isn't just a skill. Writing instruction can also be a powerful tool for teaching content" (Maloney, 2024).



Within students' writing, their learning and writing development are evident.

Four criteria generally used to assess writing quality

- Structure
- Coherence
- Unity
- Well-constructed sentences

The Writing Revolution 2.0 2024



suggestions for starting a disciplinary literacy focus in your setting

Plan big, but start small-invite interested faculty from across departments to start investigating what it means to *do* their discipline

Read, interpret, and discuss texts from each others' disciplines together

Discuss shared observations of strengths and areas for growth in student readers

Develop, practice, and refine think-alouds together

Expect implementation across disciplines to vary in style and intensity



CYNTHIA GREENLEAF, RUTH SCHOENBACH, LINDA FRIEDRICH, LYNN MURPHY, AND NIKA HOGAN

THIRD EDITION

READING

HOW READING APPRENTICESHIP IMPROVES DISCIPLINARY LEARNING IN SECONDARY AND COLLEGE CLASSROOMS



An excellent book on adolescent reading instruction, with some focus on disciplinarity



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INNOVATION CONFIGURATION

Disciplinary Literacy

Authors:

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Jen Drake Patrick George Mason University

PUBLICATION DATE, 2024 CEEDAR Document No. IC-18

Ceedar.org



A strong starter resource, available for free online



Appendix A Innovation Configuration for Evidence-Based Disciplinary Literacy Instructional Practices

Essential Components	Implementation Levels					
Instructions: Place an X under the appropriate variation implementation score for each course	Level 0	Level 1	Level 2	Level 3	Rating	
syllabus that meets the criteria level from 0 to 3. Score and rate each item separately.	There is no evidence that the component is included in the syllabus, or the syllabus only mentions the component.	Must contain at least one of the following: reading, test, lecture/ presentation, discussion, modeling/ demonstration, or quiz.	Must contain at least one item from Level 1, plus at least one of the following: observation, project/activity, case study, or lesson plan study.	Must contain at least one item from Level 1 as well as at least one item from Level 2, plus at least one of the following: tutoring, small group student teaching, or whole group internship.	Rate each item as the number of the highest variation receiving an X under it.	
1.0 Components of Disciplinary Literacy Instruction for All Content Areas						
1.1 Teach academic language (e.g., academic vocabulary, grammatical patterns, discourse structures).						
 1.2 Build content knowledge about academic domains (e.g., science, social studies) through reading and other means (e.g., watching film, fieldwork). 1.3 Teach generic reading strategies that are valued across discipline (e.g., predicting, inferring, zooming out, zooming in, 	experiment) a writing, talkin 4.2 Teach sci vocabulary; n phrases; comp defining, iden characterizing	4.0 C irsthand (e.g., obse nd secondhand (re- g) experiences. entific language (e ominalizations; de- olex sentences; ver tifying, classifying g, or describing cor hedging devices).	ervation, ading, e.g., technical nse noun bs for 5,	Disciplinary L	iteracy Instr	
		ence genres (e.g., p count, explanation,	2 12 12 12 0 12 8 12 12 13 12 12 12 12 12 12 12 12 12 12 12 12 12			
	exposition, de	scription, discussion	on).			



Doing Disciplinary Literacy

Teaching Reading and Writing Across the Content Areas

> Rachael Gabriel Foreword by Richard Robinson



Hiller A. Spires Shea N. Kerkhoff Casey Medlock Paul Books that provide strong and approachable deeper dives





DEMYSTIFYING ACADEMIC READING

A DISCIPLINARY LITERACY APPROACH TO READING ACROSS CONTENT AREAS

Zhihui Fang



DEMYSTIFYING ACADEMIC WRITING

GENRES, MOVES, SKILLS, AND STRATEGIES

ROUTLEDGE

Zhihui Fang



Books that take a strongly linguistic/ language-based approach to disciplinary literacy (not "starters")





CRITICAL DISCIPLINARY LITERACY

AN EQUITY-DRIVEN AND CULTURALLY RESPONSIVE APPROACH TO DISCIPLINARY LEARNING AND TEACHING

> CHRISTINA L. DOBBS, MEGIN CHARNER-LAIRD, JACY IPPOLITO, AND CHRISTINE MONTECILLO LEIDER

Real Provide P

Unpacking Research, Theory, and Practice Disciplinary Literacies

edited by Evan Ortlieb Britnie Delinger Kane Earl H. Cheek, Jr. Books that take a push the field to take a more critical stance about disciplinarity



Don't forget!

- Grant for Local Literacy Plan Template
- For ROEs/ISCs and Districts
- IWAS/System Listing/Surveys/District Literacy Plan
- Can describe activities in the future or reflect a recently written plan
- IWAS/System Listing/Active Grants/District Literacy Plan Implementation
- -Upload a PDF of the plan
- Due April 21, 2025 for start date of Jan. 1, 2025
- If not completed by April 30, 2025, risk deobligation of funds



Mark Your Calendars: 2024-2025 Capacity Builders

- 10/17/24 Session 1: Overview of the Series and Illinois Comprehensive Literacy Plan
- 11/14/24 Session 2: Understanding Literacy Data
- 12/5/24 Session 3: Making Sense of Data Overload
- 1/23/25 Session 4: Local Control and Data Utilization
- 2/13/25 Session 5: Evaluating Curriculum and Instructional Practices
- 3/13/25 Session 6: Key Literacy Strategies and Concepts
- 4/10/24 Session 7: Disciplinary Literacy
- 5/8/25 Session 8: Monitoring Progress and Leveraging Resources
- 6/5/25 Session 9: Writing!



Evaluation

Evaluation | Session 7: Assembling and Leading a Literacy Team



Please complete the evaluation form for this session:

https://forms.of fice.com/r/4snU SkXS1D



Capacity Builders: ICLP Lead Team

Jill Uher Director of Professional Learning | South Cook ISC

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Jill Donnel

Executive Director, Council on Teacher Education | UIUC

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Kristen Driscoll Assistant Professor, Curriculum & Instruction | UIUC

Deborah MacPhee Professor, Elementary. Literacy | Illinois State University

Michael Young Assistant Professor, Elementary Literacy | Illinois State University

Melissa Jones-Bromenshenkel

Professor, Dept of Special Education | Eastern Illinois University Grant Partner | IL SLD Support Project







Capacity Builders: Illinois Comprehensive Literacy Plan | Session 7





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