

SCIENCE OF READING

RIDING THE LITERACY WAVE

2022-2024

Presented By: Lalaena Alfredsson



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Knowledge > Skill > Opportunity

Science of Reading: Leadership Brief

Produced for the New York State Education Department by Nonie Lesche

Leading For Literacy: Equity and Excellence

To achieve excellence and equity, district and school leaders must take the Science of Reading. These action steps center on building core knowledge, data-driven decision making, and an understanding that meaningful change takes time.

LEADERSHIP ACTION STEP #1: Understand the “Science of Reading”

The term Science of Reading refers to a body of 50+ years of interdisciplinary research that informs the development and provides guidance for instruction and interventions. See Briefs 1 and 2 for Science of Reading Explained: Key Ideas And Models.

LEADERSHIP ACTION STEP #2: Understand the Relationship Between Reading and Key Instructional Frameworks

A high-quality instructional architecture reflects the connections among the Science of Reading, the Culturally-Responsive Sustaining Education Framework, and the Social-Emotional Learning (SEL) Framework.

	Description
Culturally- Responsive Sustaining Education Framework	The CR-SE framework helps educators create student-centered learning environments that affirm racial, linguistic, and cultural identities; prepare students for rigor and independent learning; develop students’ abilities to connect across lines of difference; elevate historically marginalized voices; and empower students as agents of social change.
Social-Emotional Learning (SEL) Framework	The SEL framework supports educators in creating environments that cultivate key competencies. The framework is organized around five competencies that all young people need to be successful in life: 1. Self-awareness (e.g., linking feelings, values, thoughts) 2. Social awareness (e.g., managing one’s emotions; stress management strategies) 3. Self-management (e.g., perspective taking, goal setting) 4. Responsible decision-making (e.g., reasoning, judgments; evaluating consequences of actions) 5. Relationship skills (e.g., communication, empathy, listening)

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TIVE

BRIEF 7 OF 7

3: Cultivate the Conditions for Adult Learning and Action

A district or school requires building up the conditions and supports to engage effectively in the complex and challenging work of regularly working, to inform instructional plans and adjustments.

Regular meeting time for collaboration (e.g., professional learning communities, data teams, student meetings)

Transparent, sustainable data use methods, practices and processes that are shared among stakeholders

Strategic team meetings (e.g., protocol use, commitment to grounding all decisions and statements in evidence)

Regular, on-site coaching and professional learning connected to strategic priorities and new initiatives

Ongoing conversations around mission, vision, and beliefs

Leadership commitment to building educators' capacity for success.

Leadership that honors the complexity and challenge of the work

Proactive leadership, where leaders actively engage in and drive initiatives

Normalizing of risk-taking and feedback

4: Implement Assessment Systems for Identifying Student Needs

Effective assessment. Therefore, getting to high-quality literacy demands a comprehensive assessment system, with three levels.

Low Learners: Individualized Diagnostic Assessments

Intermediate Learners: Diagnostic Assessments, Progress Monitoring Assessments

High Learners: Screening assessments, Formative measures

understand and diagnose potential learning difficulties and disabilities

select and implement targeted interventions

monitor response to interventions

flag risk for reading and writing challenges

monitor progress

evaluate instructional quality at the district, school, and grade level

Does the measure target?

What is the purpose of the assessment/measure?

2

NYS Literacy Briefs: January 2024



Leadership Action Step #1: Understand the Science of Reading

NEW YORK STATE LITERACY INITIATIVE
BRIEF 1 OF 7

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Science of Reading: What is it?

Produced for the New York State Education Department by Nonie K. Lesaux, PhD & Katie C. Carr, M.Ed.

KEY IDEA #1

The Science of Reading Reflects a Body of Research

The Science of Reading refers to a body of research—50+ years of interdisciplinary research that documents and describes how children develop reading and writing skills and competencies. This research also features the principles and practices for research-based instructional design and opportunities to learn.

The Science of Reading is not a single approach or entity—the term refers to a large, diverse body of evidence that should be used to inform curriculum and pedagogy.

The Science of Reading reflects research in education, psychology, linguistics, neuroscience, sociology, speech and language pathology, implementation science, and other fields. Integrating discoveries from across disciplines creates a comprehensive understanding of the reading and writing processes.

Defining Literacy for Today and Tomorrow

The ability to read, write, speak and listen as a means of identification, understanding interpretation, creation, and communication; the ability to communicate in diverse ways and with diverse audiences; the ability to understand and use print in an increasingly text-mediated, information-rich, digital and fast-changing world.

[\(Check out NYSED's Briefs on Advanced Literacies.\)](#)



NEW YORK STATE LITERACY INITIATIVE
BRIEF 2 OF 7

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Science of Reading: Debunking Common Myths

Produced for the New York State Education Department by Nonie K. Lesaux, PhD & Katie C. Carr, M.Ed.

Recent years have brought growing focus on the term "Science of Reading." Importantly, this increased attention and momentum has underscored the need to bring scientific principles and findings to literacy instruction. But as the term has gained momentum, so too have some myths and misconceptions. Educators, leaders, policymakers, and publishers are grappling with the Science of Reading's implications for their work and leadership—and it's crucial they understand common myths, and work to avoid the associated pitfalls.



MYTH #1

The Science of Reading refers to one instructional approach, i.e., it is a tangible program or curriculum.

FACT: The term Science of Reading refers to 50+ years of interdisciplinary research. The term's value-add is to remind us to draw very closely on research findings, principles, and practices when designing and implementing literacy instruction and supports. The Science of Reading reflects research in education, linguistics, neuroscience, speech and language pathology, implementation

MYTH #2

The Science of Reading signals that reading instruction should focus on teaching skills in isolation.

FACT: Effective curriculum and pedagogical approaches match goals and target skills with the appropriate instructional strategies, ranging from isolated practice to integrated application. This daily work is always in service of the ultimate goal: to develop learners' skills and competencies that support higher-order thinking and knowledge building.

What are the Principles of Structured Literacy Instruction?

SYSTEMIC AND CUMULATIVE

The reading process is broken down into skills that are introduced systematically and in a logical sequence.

EXPLICIT AND DIRECT

Instruction is clear/ students are not expected to make assumptions. Teachers provide clear examples.

RESPONSIVE AND AUTHENTIC

Learning pathways are personalized, differentiated, culturally and linguistically relevant, and context-based.





High-Impact Instructional Practices

Developing the “Big 6”

Oral Language

Vocabulary

THE “BIG 6” SKILLS AND
COMPETENCIES

Phonological
Awareness

Fluency

Comprehension

Phonics

Belief that reading is a meaning-based activity that is best acquired through immersion.

Teaching phonics as children make errors.

Top down approach, starting with whole words and what would make sense. Begins with sight words and cueing instead of individual sounds and letters.

DRA assessments given to determine a reading level.

Using Leveled text to drive instruction.

Word wall as a tool for spelling focusing on the 26 letters.

Small groups based on reading level.

Teaching decoding using 3 cueing system.

Reading practice with leveled texts which provide insufficient practice in decoding.

Leveled texts are not decodable since they have a high percentage of words with phonics skills that have not been taught.

Attempting to build fluency with repeated reading.

High frequency word instruction using visual methods such as flash cards.

No focus on orthographic mapping.

Teaching spelling as if words are remembered by sight-writing the word over and over; rainbow spelling, flashcards for spelling words.



Belief that the code-based nature of reading needs to be explicitly unpacked for the reading novice, so that we are not learning reading to chance.

Decoding as a skill.

Bottom-up approach, starting with phonemes, and moving to graphemes to create whole words before moving to meaning.

Diagnostic assessments (PAST, decoding assessments, etc) given to determine skill needs.

Using assessment to drive instruction.

Sound wall as a spelling help with all 44 sounds represented.

Small groups based on skill deficits.

Systematic and explicit teaching phonics with a scope and sequence from simple to more complex with spiraling review.

Practice taught skills using decodable texts.

Decodable texts have a high percentage of words that have been taught in phonics.

Increase fluency by working on automaticity of the sub-skills of reading.

High frequency word instruction that uses analysis of sounds rather than memorization.

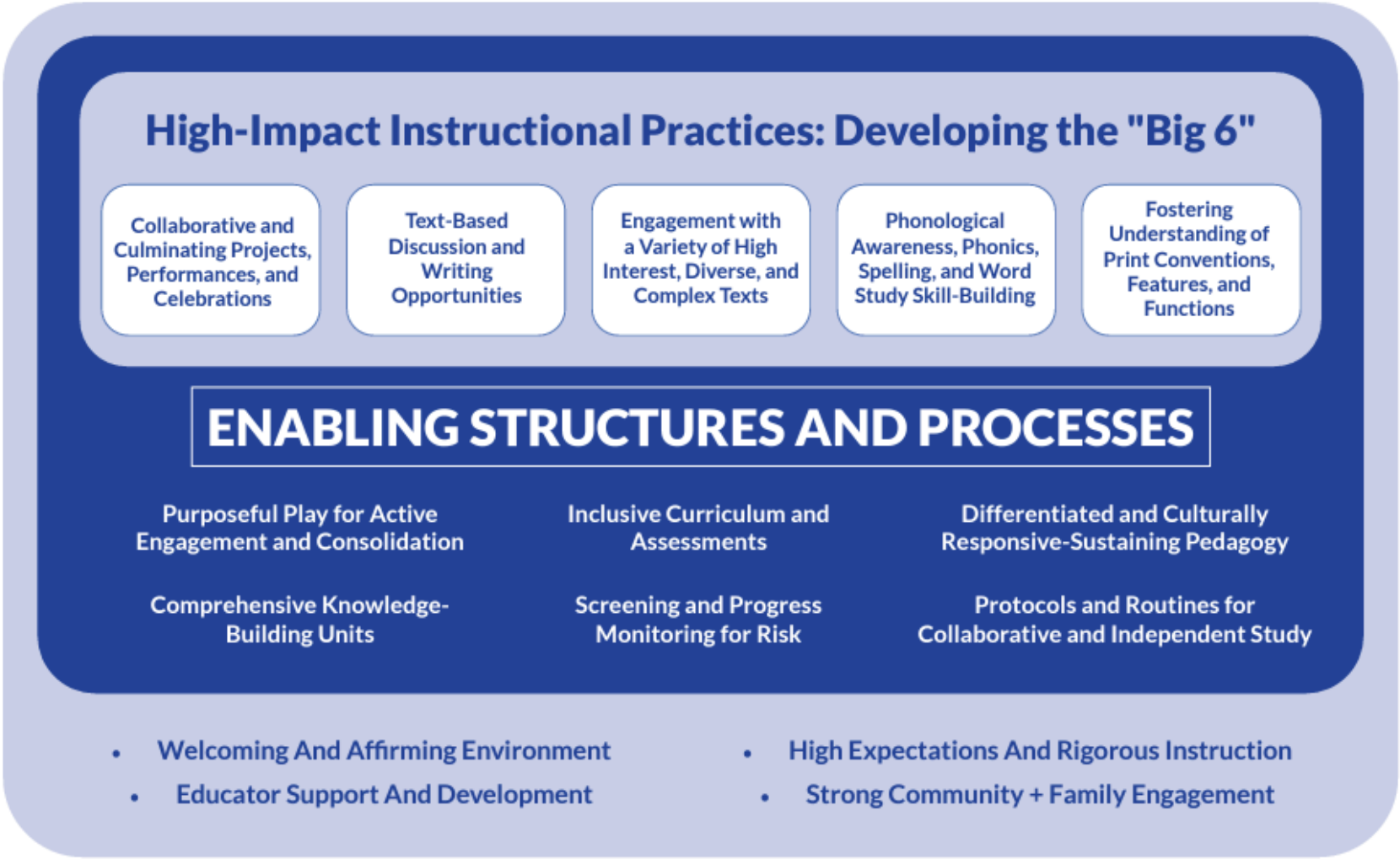
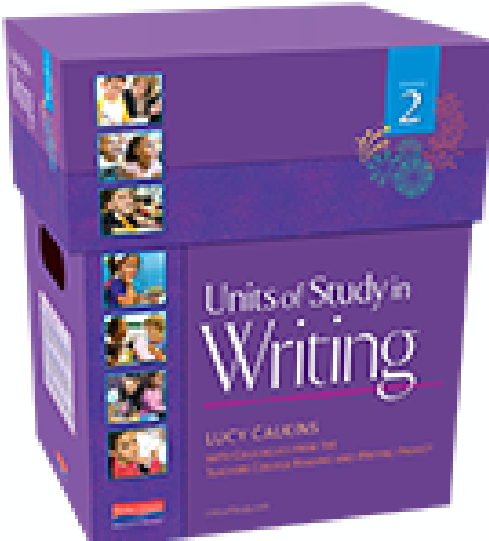
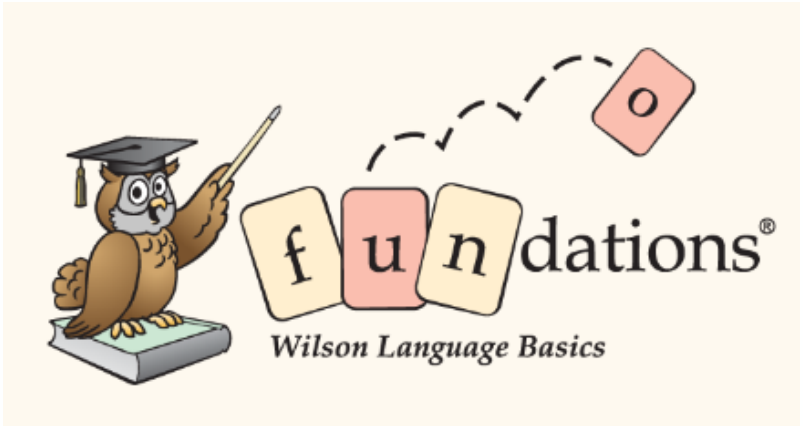
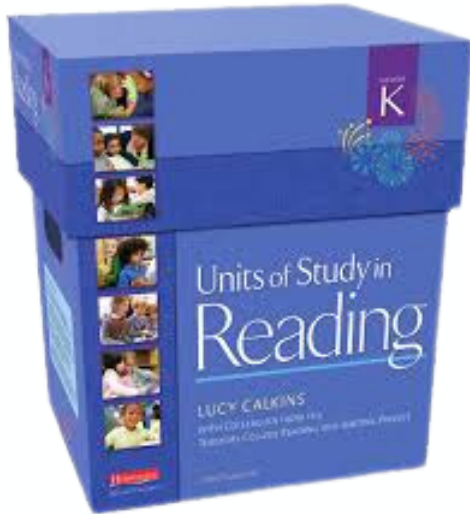
Focus on orthographic mapping, to move students from word identification (blending/sounding out) to instant word recognition.

Teaching spelling with explicit processing of letter order and identity (linking graphemes to phonemes detected in pronunciations).

**Leadership Action
Step #2:
Understanding
and Relationship
Between the
Science of
Reading and Key
Instructional
Frameworks**



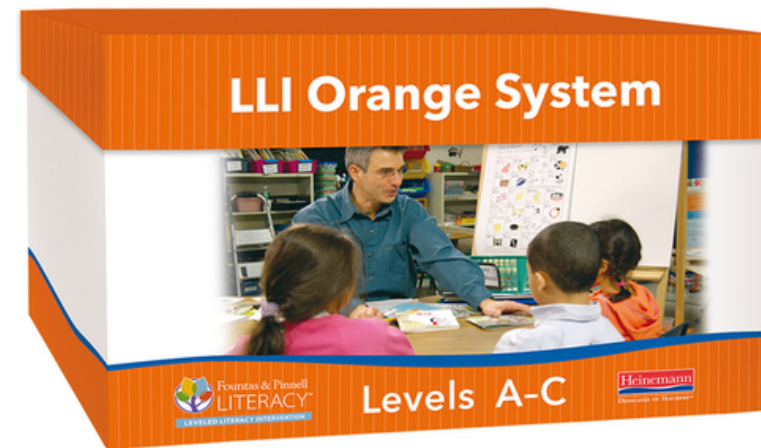
K-2 ELA Curriculum





Tier 2 & Tier 3 ELA Resources

**Leadership Action
Step #2:**
**Understanding
and Relationship
Between the
Science of
Reading and Key
Instructional
Frameworks**



Vocabulary

Fluency

Oral Language

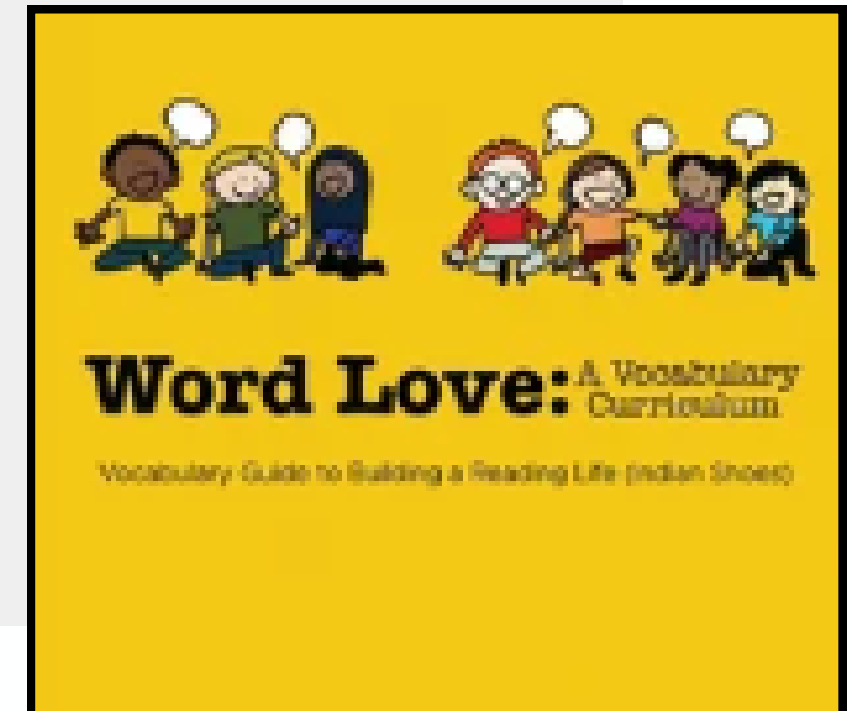
**THE "BIG 6" SKILLS AND
COMPETENCIES**

Comprehension

**Phonological
Awareness**

Phonics

2022-2024 CURRICULUM SHIFTS K-2



Phonological Awareness: Heggerty PreK-1, Tier II, Tier III

Phonics: UFLI in Kindergarten, Tier I Enhanced & Tier II Phonics Instruction

Vocabulary: Word Love

Celebrations: Grade Level Celebrations in Reading and Writing

Decodable Text: Jump Rope Readers, Geodes, UFLI, Daffodill Hill Press, Syllasense

Comprehension: Thinking Maps, Writing about Reading

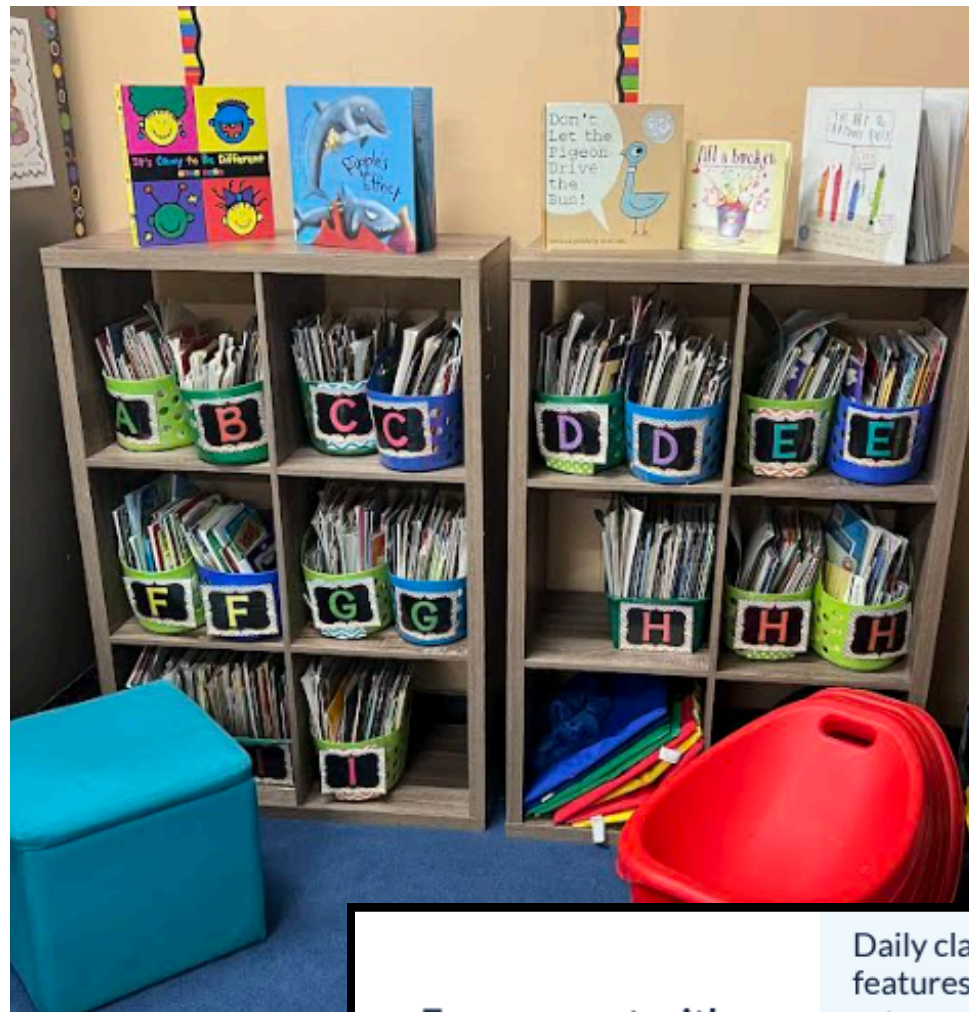


High-Impact Instructional Practices

Developing the “Big 6”

Classroom Libraries: From GR Level to High-Interest Text Sets

Before



Engagement with a Variety of High Interest, Diverse, and Complex Texts

Daily classroom work features content-rich text sets, organized around the unit theme—and that span genres, affirm and broaden perspectives, and develop inclusive community.

After



Learners cultivate their critical thinking, perspective taking, and social-emotional skills while building the “Big 6.”

- Units with text sets organized around the engaging, content-rich themes and that promote multiple perspectives and/or stances on any given issue or topic.
- Talk and learning routines to support an inclusive learning environment.



Decodable Text: Now What?



Leadership Action Step #4: Implement Assessment Systems for Identifying Students Progress and Needs

Show Comp: Overall ☒ [i](#)

PA i ^	PH i ^	HFW ^	VOC ^	COMP ^	LIT ^	INFO ^
Early 1	Grade 2	Max Score	Mid 1	Mid 1	Mid 1	Mid 1
Late 1	Grade 2	Max Score	Mid 1	Grade K	Early 1	Grade K
Mid 1	Early 1	Max Score	Grade K	Mid 1	Late 1	Mid 1
Mid 1	Mid 1	Max Score	Grade K	Early 1	Mid 1	Grade K
Early 1	Mid 1	Grade 2	Grade K	Grade K	Grade K	Grade K

	Entrance Level				Reading Level				Accuracy				Fluency				Comprehension			
B	B				B	F	95	2	5/6	B	H	93	2	6/6						
B	B				B	F	95	2	6/6	B	H	95	2	6/6						
L	J				J	N	98	3	5/9	J	P	98	3	7/9						
P	M				M	N	98	3	7/9	N	P	95	3	6/9						



Assessments shaded red will be administered to below-benchmark students beginning in September until mastery
Assessments shaded gray will be administered to students as necessary

Assessment Sequence for Students in 1st Grade							
	Sept	Oct	Nov	Jan	March	June	Mastered
Alphabet Skills/ Letter Sounds							
Letter Identification (Any unknown)							/54
Sound Correspondence (Any unknown)							/26
Phonological Awareness							
Heggerty (Below Benchmark)							/5
High-Frequency Words							
75 HFW (If not mastered)							/75
100 HFW (If Mastered 75)							/100
200 HFW (If Mastered 100)							/200
Decoding Skills							
Phonic Decoding Assessment CVC A, I O (If not mastered)							/8
Phonic Decoding Assessment CVC AIQUE							/12
Phonic Decoding Assessment Digraphs							/12
Phonic Decoding Assessment Blends							/11
Phonic Decoding Assessment Silent e Words							/12
Phonic Decoding Assessment Inflectional Endings							/10
Phonic Decoding Assessment Special Vowels							/12
Encoding Assessment/ Running Record							
Words Their Way							/52
F& P Benchmark Assessment							/J

Universal Benchmark Screeners ELA K-2

- Letter/Sound Identification
- Concepts About Print
- Phonological Awareness
- High Frequency Words
- Decoding
- Encoding

Improve Tracking Systems for Identifying Students Progress and Needs

Concepts of Print (/13)																			Letter Identification (/54)																			Sound Correspondence (/26)																			75 HFW (/75)																			Phonics Decoding CVC A,I,O (/10)																			100 HFW (/100)																			Phonics Decoding CVC A,I,O,U,E																			Primary Spelling Inventory +/56																			F&P Benchmark																			100 HFW																			Phonics Decoding CVC A,I,O,U,E																			Phonic Decoding Digraphs (/13)																			Phonic Decoding Blends (/15)																			Words Their Way (/56)																			F&P Benchmark																			100 HFW (100)																			Phonic Decoding Digra																			Phonic Dec																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Structural Shifts: Literacy Block



Grade K: ELA Schedule: 10 Day Cycle of Lessons

1 Bends: 10 Days
5 Reading/Writing Lessons
1 Word Love Bend

	Vocabulary (5-10 minutes) Or Read Aloud (15 minutes)	Phonics & Heggerty (40 minutes)	Phonics Centers/ iReady & Small Groups (20-30 minutes)	Reading (20-30 minutes)	Independent Reading Independent Writing & iReady (10-15 minutes)	Writing (20-30 minutes)
Day 1	Word Love: Day 1	UFLI Concept 1	Phonics Centers/ (Small Groups)		Independent Reading	New Lesson
Day 2	Read Aloud	UFLI Concept 1		New Lesson	Independent Writing	
Day 3	Word Love: Day 2	UFLI Concept 2	Phonics Centers (Small Groups)		Independent Reading	New Lesson
Day 4	Read Aloud	UFLI Concept 2		New Lesson	Independent Writing	
Day 5	Word Love: Day 3	Assessment		New Lesson	Independent Writing	
Day 6	Read Aloud	UFLI Concept 1	Phonics Centers (Small Groups)		Independent Reading	New Lesson
Day 7	Word Love: Day 4	UFLI Concept 1		New Lesson	Independent Writing	
Day 8	Read Aloud	UFLI Concept 2	Phonics Centers (Small Groups)		Independent Reading	New Lesson:
Day 9	Word Love: Day 5	UFLI Concept 2		New Lesson	Independent Writing	
Day 10	Read Aloud	Assessment	Phonics Centers (Small Groups)		Independent Reading	New Lesson

Structural Shifts: Elementary Master Schedule

**Leadership
Action Step #3:**
Cultivate the
Conditions for
Learning and
Collaborative
Planning and
Action



Kindergarten Sample Schedule 2024 - 2025

Period	Time	Day 1 - Science		Day 2 - Social Studies		Day 3 - Science		Day 4 - Social Studies		Day 5 - Science	
Professional Period	8:40 - 8:50	30 min		30 min		30 min		30 min		30 min	
	8:50-9:00										
	9:00-9:10		Professional Period		Professional Period		Professional Period		Professional Period		Professional Period
HR	9:11 - 9:20	HR - Breakfast		HR - Breakfast		HR - Breakfast		HR - Breakfast		HR - Breakfast	
Announcements	9:20	Morning Announcements		Morning Announcements		Morning Announcements		Morning Announcements		Morning Announcements	
	9:20-9:30	20 min	Read Aloud/ Word Love	20 min	Read Aloud/ Word Love	20 min	Read Aloud/ Word Love		Independent R/W		Math
	9:30-9:40								Independent R/W		Math
W.I.N.	9:40 - 10:00	20 min	W.I.N.	20 min	W.I.N.	20 min	W.I.N.	20 min	W.I.N.	20 min	W.I.N.
Special	10:03 - 10:51	45 min	Special	45 min	Special	45 min	Special	45 min	Special	45 min	Special
	10:55- 11:05	40 min	Phonics	40 min	Social Studies	40 min	Math	40 min	Phonics	40 min	Math
	11:05-11:15		Phonics		Social Studies		Math		Phonics		Math
	11:15-11:25		Phonics		Social Studies		Math		Phonics		Math
	11:25-11:35		Independent R/W		Math		Math		Word Love		Math
Lunch	11:39 - 12:24	45 min	Lunch	45 min	Lunch	45 min	Lunch	45 min	Lunch	45 min	Lunch
	12:27-12:37	45 min	Independent R/W	45 min	Math	45 min	Math	45 min	Read Aloud/	45 min	Phonics
	12:37-12:47		Reading/Writing Wkshp		Math		Math		Reading/Writing Wkshp		Phonics
	12:47 -12:57		Reading/Writing Wkshp		Math		Science		Reading/Writing Wkshp		Phonics
	12:57 -1:07		Reading/Writing Wkshp		Math		Science		Reading/Writing Wkshp		Read Aloud/
	1:07-1:12		Reading/Writing Wkshp		Math		Science		Reading/Writing Wkshp		Word Love
Lighthouse	1:15 - 2:00	45 min	Lighthouse Time	45 min	Lighthouse Time	45 min	Lighthouse Time	45 min	Lighthouse Time	45 min	Lighthouse Time
	2:03-2:13	60 min	Math	60 min	Phonics	60 min	Phonics	60 min	Math	60 min	Science
	2:13-2:23		Math		Phonics		Phonics		Math		Science
	2:23-2:33		Math		Phonics		Phonics		Math		Science
	2:33-2:43		Math		Reading/Writing Wkshp		Reading/Writing Wkshp		Math		Reading/Writing Wkshp
	2:43-2:53		Math		Reading/Writing Wkshp		Reading/Writing Wkshp		Math		Reading/Writing Wkshp
	2:53-3:03		Math		Reading/Writing Wkshp		Reading/Writing Wkshp		Math		Reading/Writing Wkshp
	3:03-3:13	30 min	Science	30 min	Reading/Writing Wkshp	30 min	Reading/Writing Wkshp	30 min	Social Studies	30 min	Reading/Writing Wkshp
	3:13-3:23		Science		Independent R/W		Independent R/W		Social Studies		Independent R/W
	3:23-3:33		Science		Independent R/W		Independent R/W		Social Studies		Independent R/W

Leadership Action Step#3:

Cultivate the Conditions for Adult Learning and Collaborative Planning and Action

Kindergarten

2024-2025

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[May 13, 2025](#)



Meeting Norms

- Take an Inquiry Stance
- Assume Positive Intentions
- Ground Statements in Evidence
- Bring Charged Chromebooks to Meetings



High-Impact Instructional Practices

Impact on the “Big 6”



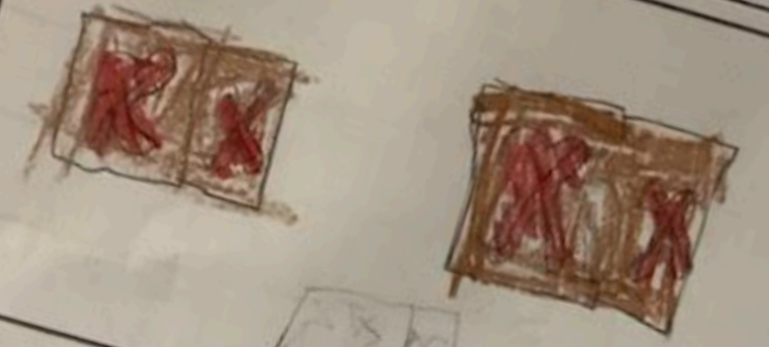
Vocabulary

	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change
SSS 22-23	7	15	+8	10	18	+8	57	56	-1	25	10	-15
SSS 23-24	8	19	+11	5	26	+21	62	47	-15	25	7	-18
Change			+3			+13			-14			-3

	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change
TAS 22-23	12	25	+13	12	25	+13	56	42	-14	21	9	-12
TAS 23-24	6	29	+23	15	28	+13	57	36	-21	21	7	-14
Change			+10			0			-7			-7

Vocabulary

All About X box



Sometimes I go
on my X box I
am so eager to
go on it its a fun
game to play I
can play difrent
games


I can use

Dear Readers

I think that octopus
stew is the coolest
book in the world! My
favrite part is when the
octopus got so massive that
it couldn't fit in the pot
any more! Ram

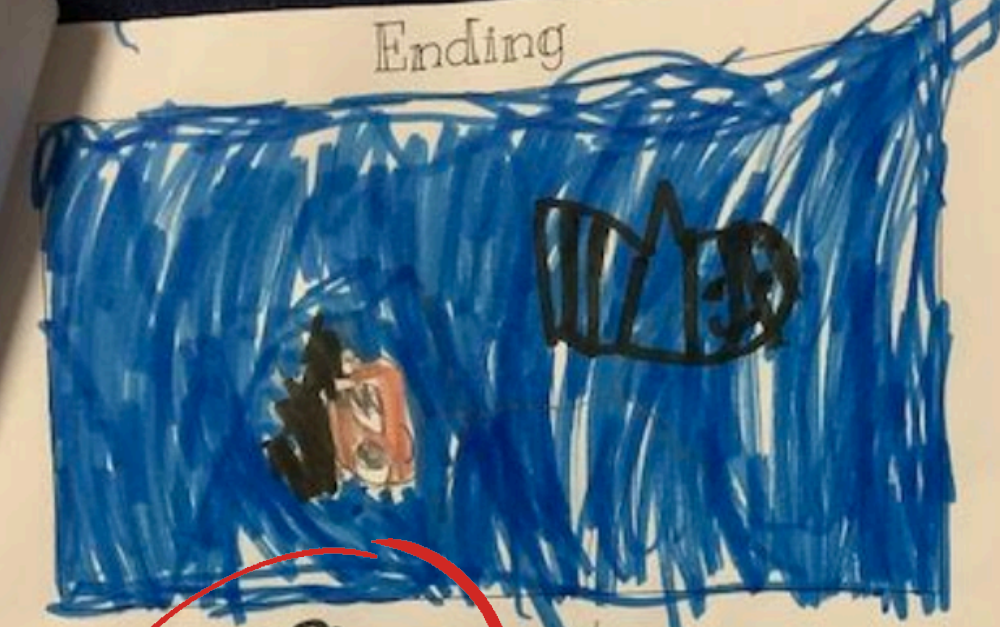
Jon

Me



I spillt my Brof hens
water my brothers
Was disappointed

Ending



I explore the ocean
do you like to explore
the ocean?

First Grade Writing Exemplars

High-Impact Instructional Practices

Impact on the “Big 6”



Phonics

	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change
SSS 22-23	4	24	+20	6	17	+11	73	53	-20	17	6	-11
SSS 23-24	1	31	+30	5	20	+15	79	49	-30	15	0	-15
Change			+10			+4			-10			-4

	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change
TAS 22-23	7	39	+12	17	18	-1	63	39	-24	14	3	11
TAS 23-24	13	45	+32	17	16	-1	57	34	-23	12	5	7
Change			+20			0			+1			-4

Phonics

High-Impact Instructional Practices

Impact on the “Big 6”



Phonological Awareness

	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change
SSS 22-23	42	46	+4	1	15	+14	38	35	-3	19	4	-15
SSS 23-24	42	49	+7	2	21	+18	41	28	-13	15	2	-13
			+3			+4			-10			-2

	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change	Fall	Winter	Change
TAS 22-23	53	57	+4	6	18	+12	24	19	-4	18	7	-11
TAS 23-24	48	54	+6	5	17	+12	32	25	-7	15	4	-11
			+2			0			-3			0

Phonological
Awareness

K-2 iReady Data Spring Comparison (Fall-Winter)

Phonological Awareness 22	17	2	68	12	0	Phonological Awareness 23	8	5	79	9	
Phonological Awareness 23	38	8	50	5	0	Phonological Awareness 24	42	14	42	2	
Change	21	6	-18	-7	0	Change	33	10	-38	-7	
Phonics 22	4	6	73	17	0	Phonics 23	1	5	79	15	0
Phonics 23	24	17	53	6	0	Phonics 24	31	20	49	0	
Change	20	11	-20	-11	0	Change	30	15	-30	-15	
High Frequency Words 22	30	30	15	25	0	High Frequency Words 23	9	5	59	28	0
High Frequency Words 23	40	10	42	8	0	High Frequency Words 24	46	10	37	7	0
Change	10	-20	27	-17	0	Change	35	5	-22	-21	0
Vocabulary 22	5	5	74	16	0	Vocabulary 23	8	3	74	16	0
Vocabulary 23	10	15	65	10	0	Vocabulary 24	13	27	51	8	0
Change	5	10	-9	-6	0	Change	5	24	-23	-8	0
Overall Comp: 22	6	7	72	15	0	Overall Comp: 23	3	18	75	5	0
Overall Comp: 23	11	11	70	7		Overall Comp: 24	12	16	68	4	0
Change	5	4	-2	-8	0	Change	9	-2	-8	-1	0
Literature Comp 22	11	7	66	16	0	Literature Comp 23	8	13	73	8	0
Literature Comp 23	13	22	58	8	0	Literature Comp 24	14	18	64	4	0
Change	2	15	-8	-8	0	Change	6	5	-9	-4	0
Informational Text Comp 22	8	10	45	38	0	Informational Text Comp 23	8	9	76	8	0
Informational Text Comp 23	14	13	64	10		Informational Text Comp 24	15	13	69	2	0
Change	6	3	19	-28	0	Change	7	4	-7	-6	0



K-2 iReady Data Spring Comparison (Fall-Spring)

Reading Fall 2022 vs Winter 2023	Mid or Above Grade Level	Early on Grade Level	One Grade Level Below	Two Grade Levels Below	Three or more Grade Levels Below		Reading Fall 2023 vs Winter 2024	Mid or Above Grade Level	Early on Grade Level	One Grade Level Below	Two Grade Levels Below	Three or more Grade Levels Below
Overall ELA 1st Grade 22	7	10	73	10	0		Overall ELA 1st Grade 23	11	11	69	9	0
Overall ELA 1st Grade 23	30	21	41	8	0		Overall ELA 1st Grade 24	14	12	59	15	0
Change	23	11	32	-2	0		Change	3	1	-10	6	0
Phonological Awareness 22	27	14	47	12	0		Phonological Awareness 23	21	9	59	11	0
Phonological Awareness 23	54	10	28	8	0		Phonological Awareness 24	45	7	44	4	0
Change	27	-4	-19	-4	0		Change	24	-2	-15	-7	0
Phonics 22	7	17	63	14	0		Phonics 23	13	17	57	12	0
Phonics 23	39	18	39	3	0		Phonics 24	45	16	34	5	0
Change	32	1	-26	-11	0		Change	32	-1	-23	-7	0
High Frequency Words 22	9	4	61	27	0		High Frequency Words 23	33	8	44	15	0
High Frequency Words 23	65	5	26	7	0		High Frequency Words 24	66	6	23	5	0
Change	38	5	-30	-20			Change	33	-2	-21	-10	0
Vocabulary 22	4	17	61	18	0		Vocabulary 23	8	16	64	12	0
Vocabulary 23	18	26	48	8	0		Vocabulary 24	33	20	41	6	0
Change	8	19	25	-10	0		Change	25	-4	-23	-6	0
Overall Comp: 22	12	7	71	10	0		Overall Comp: 23	11	16	61	12	0
Overall Comp: 23	31	18	41	10	0		Overall Comp: 24	27	23	45	5	0
Change	19	11	30	0	0		Change	16	7	16	7	0
Literature Comp 22	12	8	69	10	0		Literature Comp 23	17	19	52	12	0
Literature Comp 23	26	20	48	7	0		Literature Comp 24	38	13	39	10	0
Change	14	12	-21	-3	0		Change	21	-6	-13	-2	0
Informational Text Comp 22	14	12	59	15	0		Informational Text Comp 23	15	15	52	19	0
Informational Text Comp 23	31	18	41	10	0		Informational Text Comp 24	30	15	50	5	0
Change	17	6	18	-5	0		Change	15	0	-2	-14	0





High-Impact Instructional Practices

Developing the “Big 6”

Oral Language

Vocabulary

THE “BIG 6” SKILLS AND
COMPETENCIES

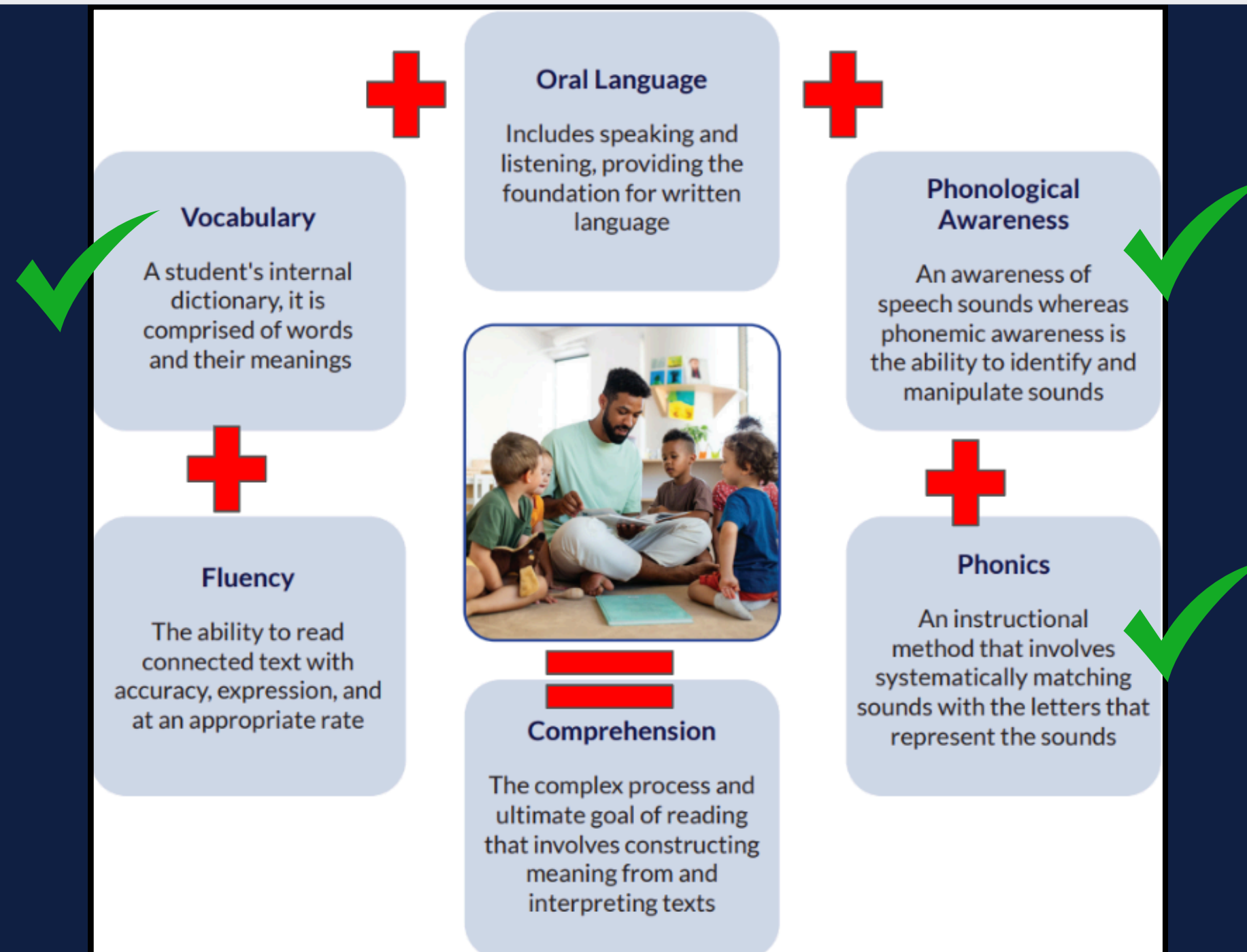
Phonological
Awareness

Fluency

Comprehension

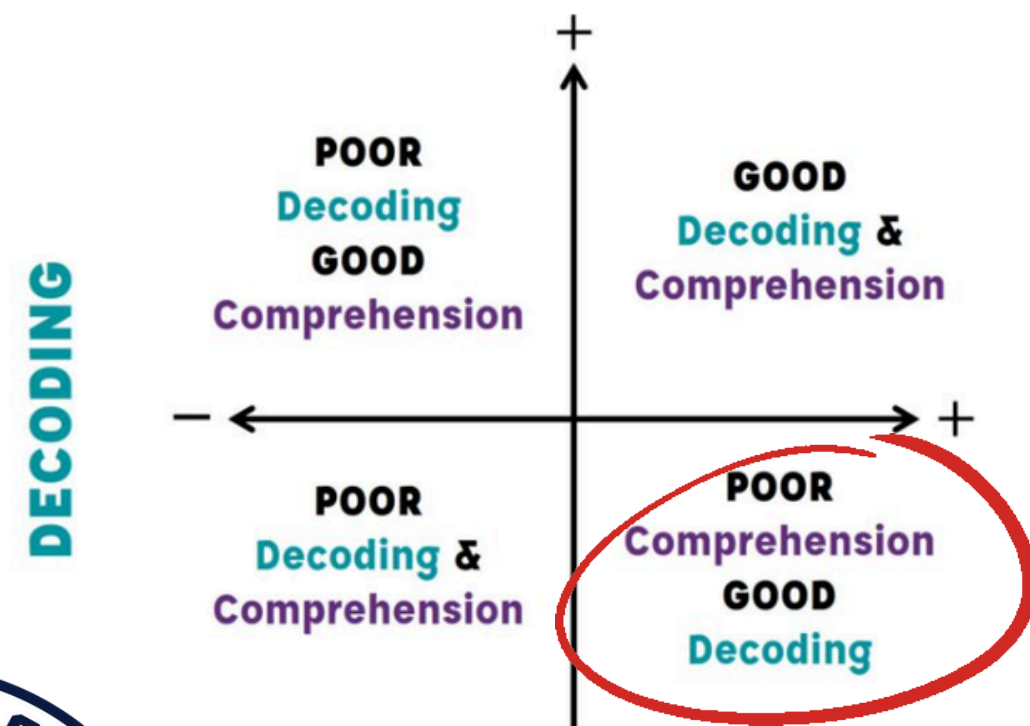
Phonics

Leadership Action Step #1: Understand the Science of Reading



Leadership Action Step #1: Understand the Science of Reading

Simple View of Reading



Language Comprehension

BACKGROUND KNOWLEDGE
(facts, concepts, etc.)

VOCABULARY
(breadth, precision, links, etc.)

LANGUAGE STRUCTURE
(syntax, semantics, etc.)

VERBAL REASONING
(inference, metaphor, etc.)

LITERACY KNOWLEDGE
(print concepts, genres, etc.)

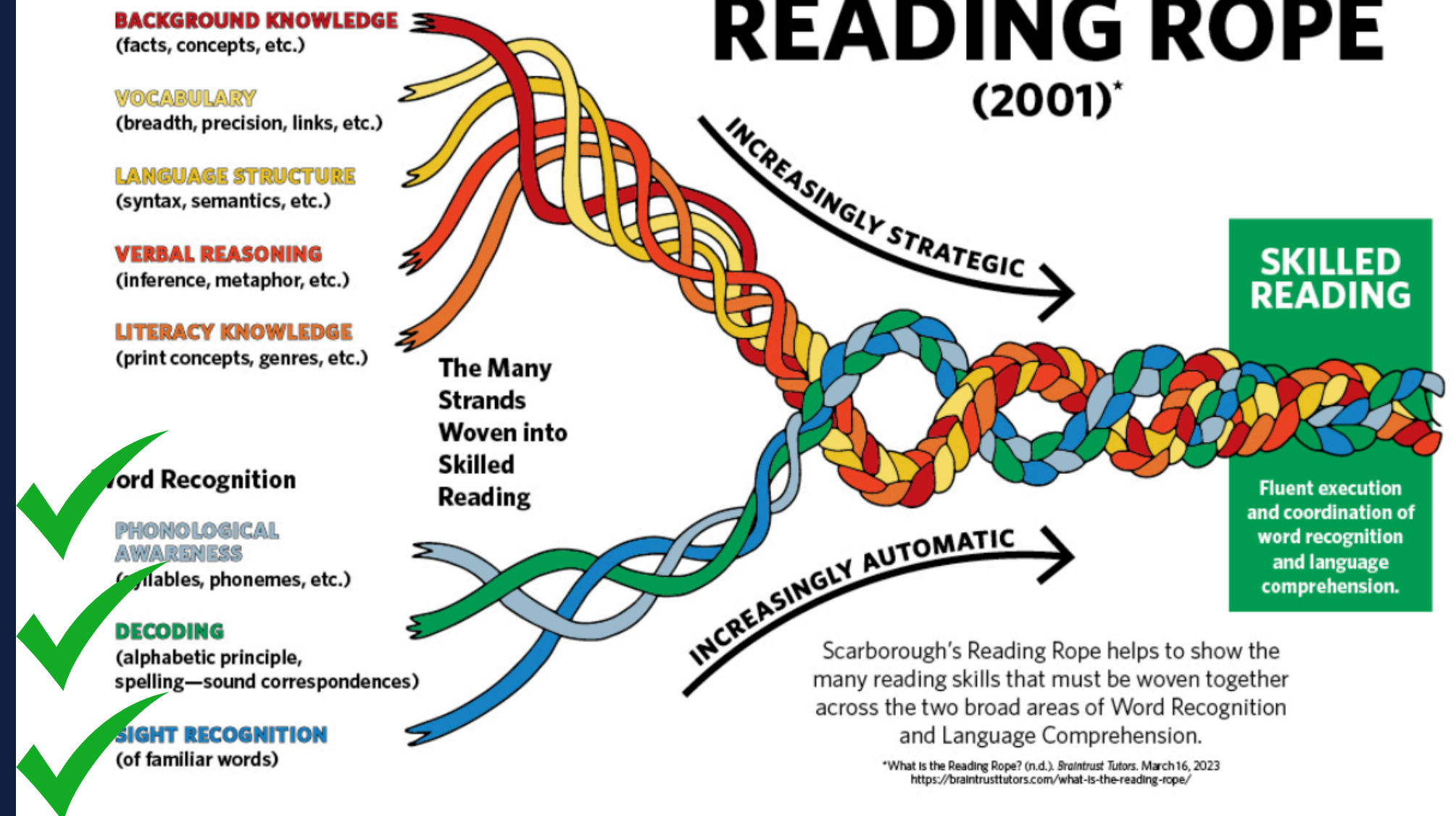
Word Recognition

PHONOLOGICAL AWARENESS
(syllables, phonemes, etc.)

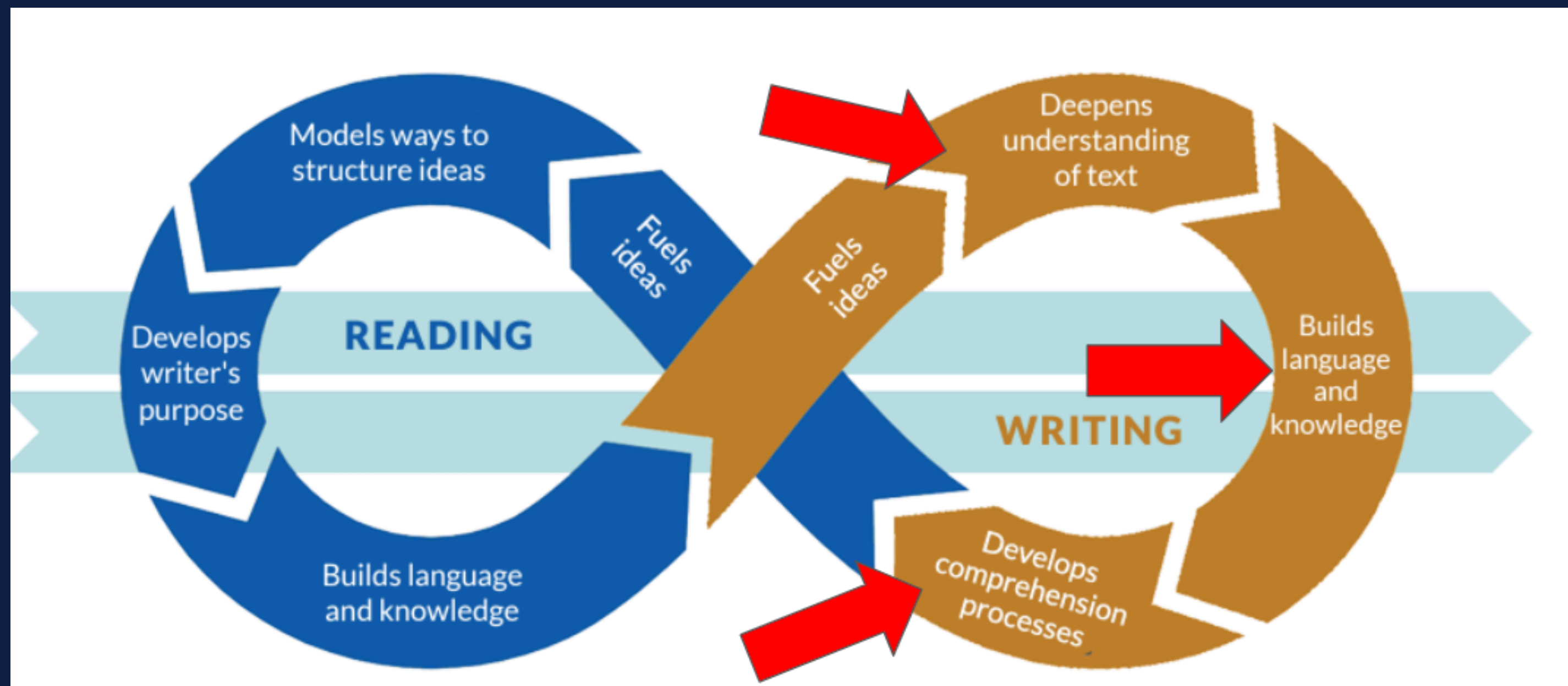
DECODING
(alphabetic principle, spelling—sound correspondences)

SIGHT RECOGNITION
(of familiar words)

SCARBOROUGH'S READING ROPE (2001)*



Leadership Action Step #1: Understand the Science of Reading





Leadership Action
Step #2:
Understanding
and Relationship
Between the
Science of
Reading and Key
Instructional
Frameworks

3-6 ELA Curriculum

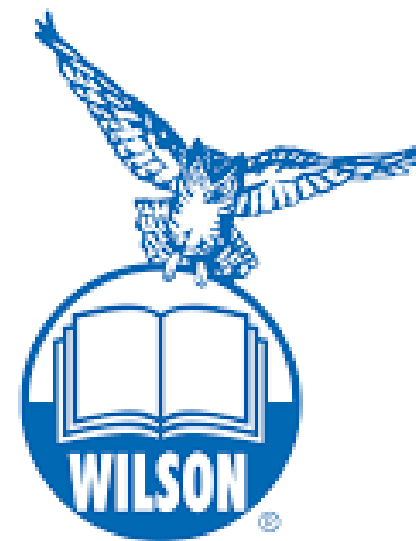
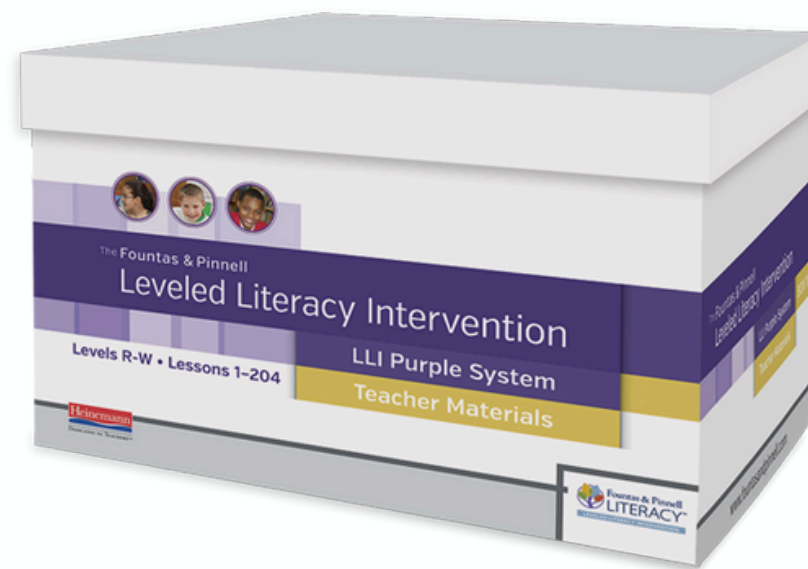
Reading to Learn (Grasping Main Ideas and Text Structures) Bend 1: Determining importance in Expository Texts	Reading Unit
Nonfiction readers get ready to read by revving up their minds. Before they even start reading they preview their text, identify the parts, and think about how the book might go. They ask themselves, "What is this text about?" "What are its parts, and how do the parts fit	Building a Reading Life (with series books)
	Reading to Learn
Nonfiction readers prepare to read by previewing the book, identifying the parts and thinking about how the book might go as you read.	Mystery
	Character Studies
Nonfiction readers pause along to summarize important information by using box and bullets to help them remember what they read.	Genre Review
Nonfiction readers take in more by organizing bits of information into categories using "box and bullets."	*Research Clubs
Nonfiction readers become experts by teaching others what they know. They do this by talking about the main ideas and supporting details and using an explaining voice and gestures to point out illustrations.	

High-Impact Practices (See Briefs 4, 5, 6) Developing the "Big 6" + Writing	Sample Writing Tasks + Products
Collaborative and Culminating Projects, Performances, and Celebrations	Planning documents, scripts, lines and dialogue, schedules, research organizers, signs and posters, self-reflections, writing for a specific purpose and audience
Text-Based Discussions and Writing Opportunities	Graphic organizers, engagement in multiple stages of the writing process, written responses to text-based discussion prompts and questions, book reports, author review, theme analysis, topic-based research work
Engagement with a Variety of High-Interest, Diverse, and Complex Texts	
Phonological Awareness, Phonics, Spelling, and Word Study Skill-Building	Phonics and morphological work and games, opportunities for spelling practices and quizzes, interactive word walls, text annotation that identifies text features, explicit instruction in syntax and grammar
Fostering Understanding of Print Conventions, Features, and Functions	



**Leadership Action
Step #2:
Understanding
and Relationship
Between the
Science of
Reading and Key
Instructional
Frameworks**

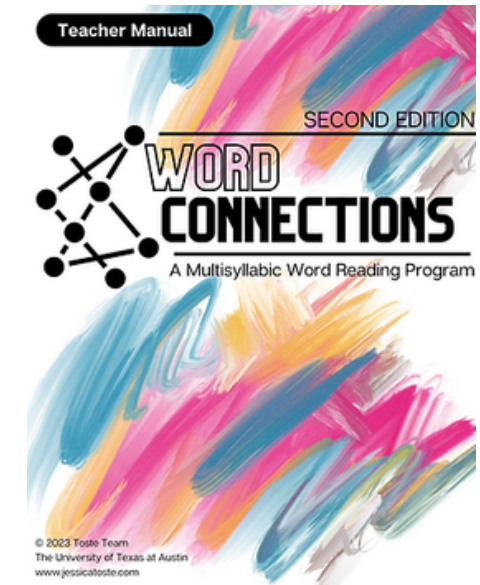
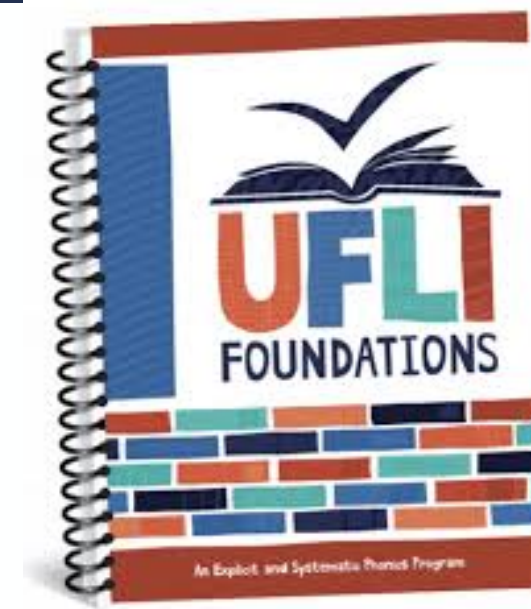
Tier 2 & Tier 3 ELA Resources





Tier 2 & Tier 3 ELA Shifts

**Leadership Action
Step #2:
Understanding
and Relationship
Between the
Science of
Reading and Key
Instructional
Frameworks**



Vocabulary

Oral Language

**Phonological
Awareness**

Fluency

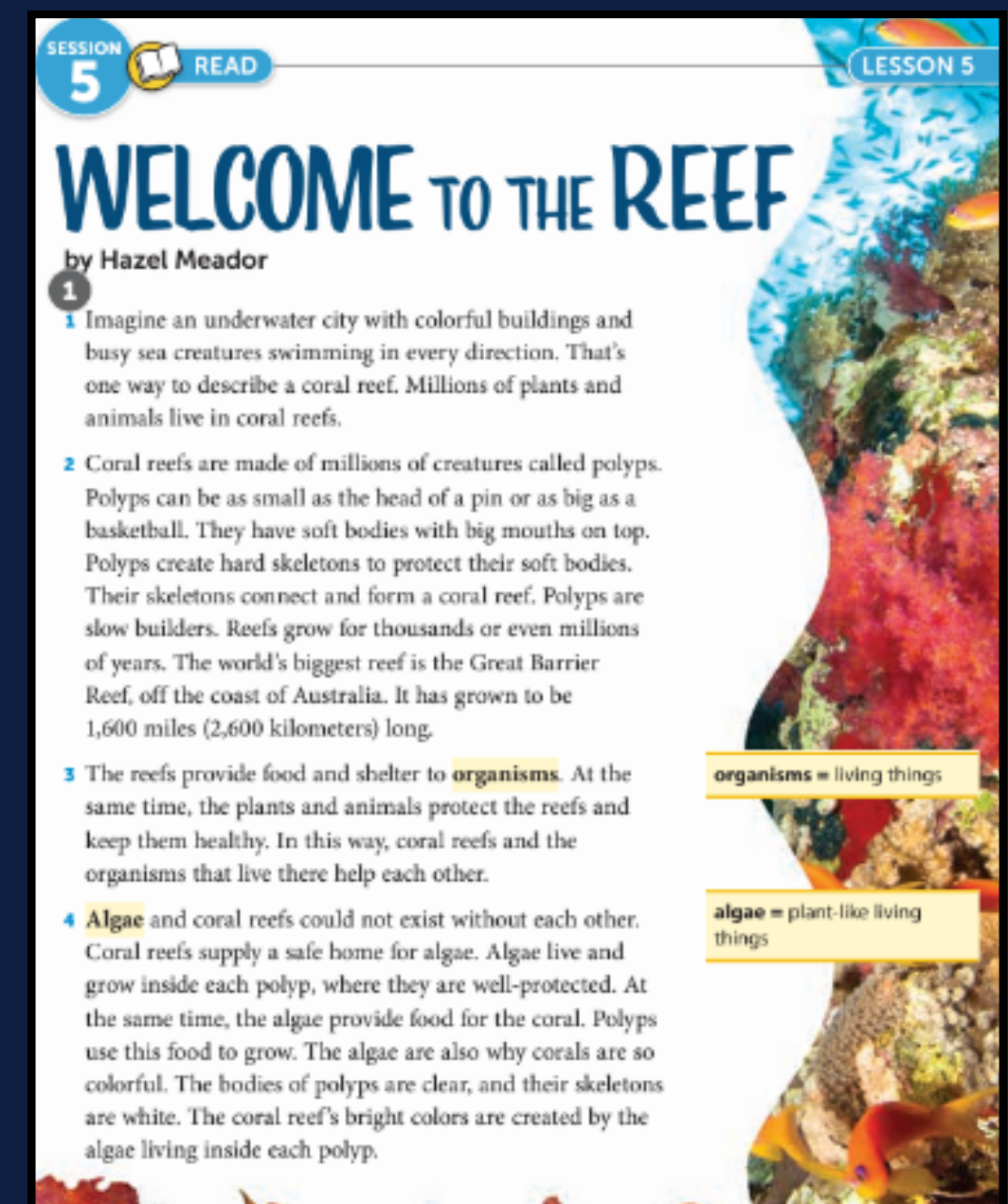
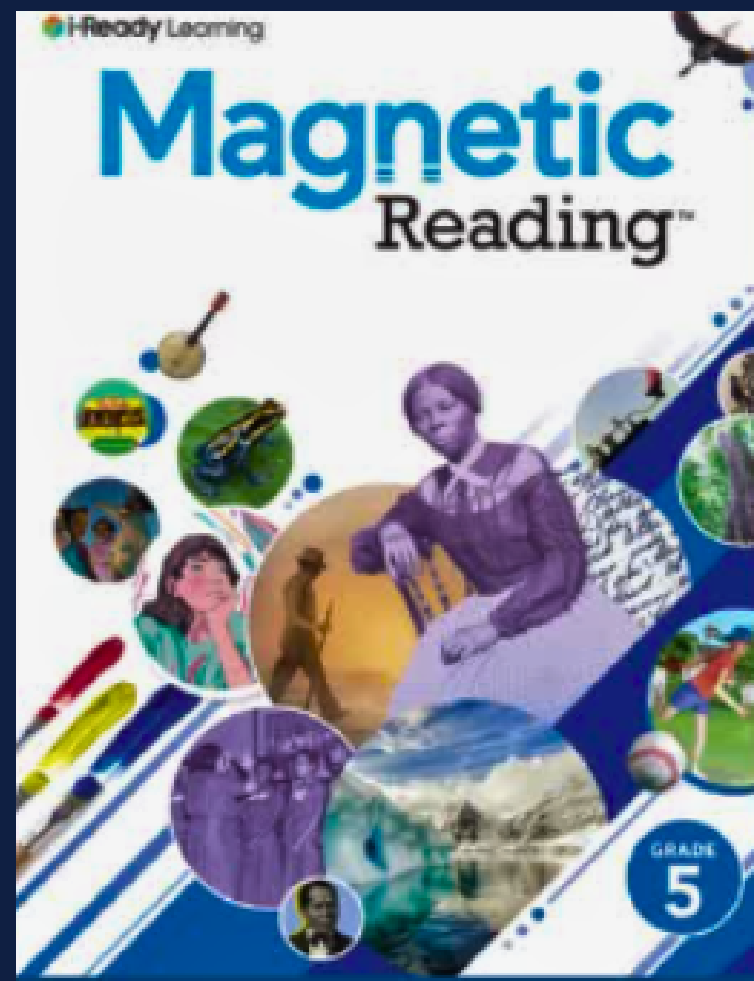
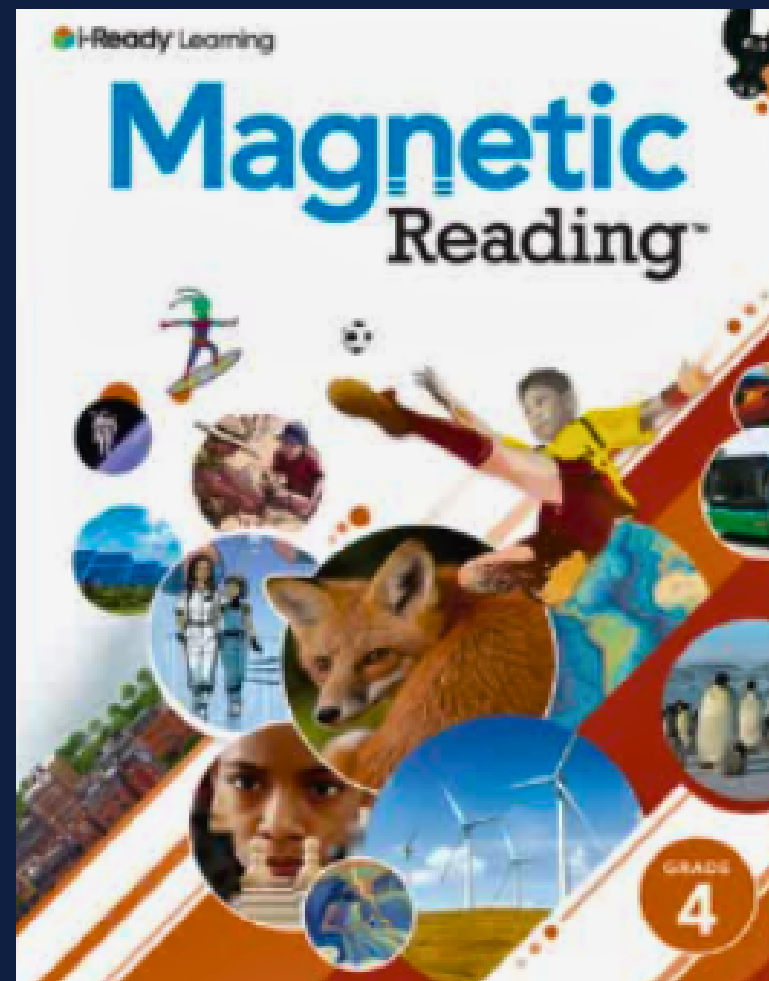
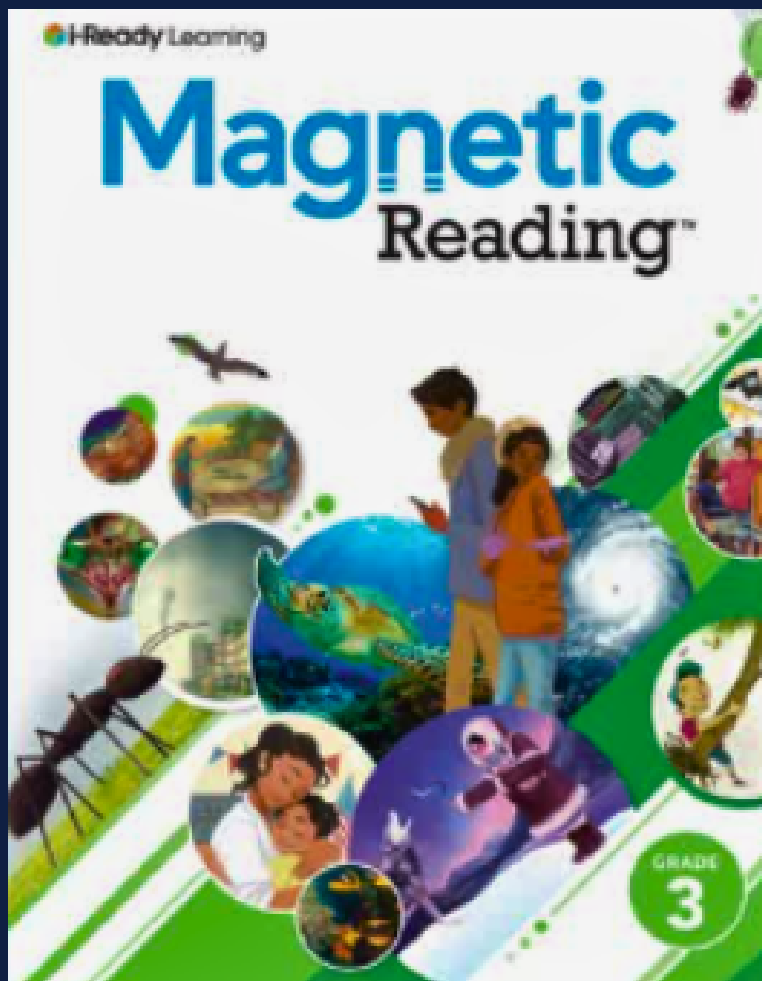
**THE "BIG 6" SKILLS AND
COMPETENCIES**

Phonics

Comprehension

2022-2024 CURRICULUM SHIFTS K-2

Magnetic Reading: Building Knowledge with a Variety of High Interest, Diverse, and Complex Texts



ENGAGEMENT WITH A VARIETY OF HIGH INTEREST, DIVERSE, AND COMPLEX TEXTS

Goal: Intellectual Inquiry into Big Ideas, Rich Content, High-Utility Vocabulary, and Diversity of Perspectives

Promotes: **BIG 6** + textual analysis + interpretation • knowledge building • reasoning + synthesizing

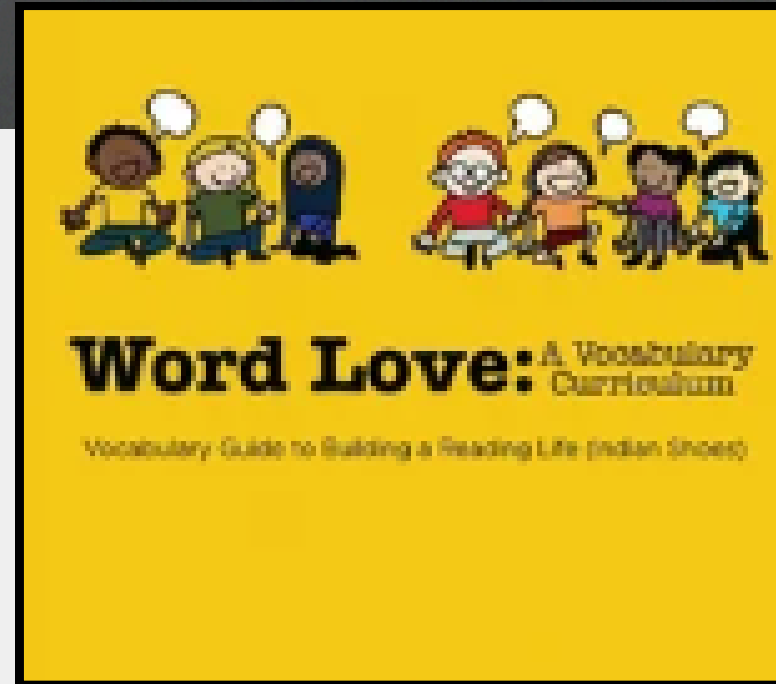
Structural Shifts: Literacy Block



Date: Fill in Date Unit: Title			Word Love or Grammar/ 5 Day cycle of lessons Read Aloud: 5 Days Phonics/Word Work: 6 Days			
	Vocabulary /Grammar	Read Aloud	Word Work/ Phonics	Reading	Independent/ Writing & Small Groups	Writing
Day 1 Date		Read Aloud (15 min) Book Chapter	Phonics/Word Work Lesson (20 min) Topic	Session 1 (30 min) Fill in Lesson	Independent Reading or Writing (20 min)	
Day 2 Date	Word Love/Grammar Fill in Words or Topic	Read Aloud (15 min) Book Chapter	Phonics/Word Work Lesson (20 min) Topic			New Lesson: 10 min Teaching Point:
Day 3 Date	Word Love/ Grammar Fill in Words or Topic		Phonics/Word Work Lesson (20 min) Topic	Session 2 (35 min) Fill in Lesson	Independent Reading or Writing (20 min)	
Day 4 Date	Word Love/ Grammar Fill in Words or Topic	Read Aloud (15 min) Book Chapter	Phonics/Word Work Lesson (20 min) Topic			New Lesson: 10 min Teaching Point:
Day 5 Date		Read Aloud (20min) Book Chapter	Phonics/Word Work Lesson (20 min) Topic	Session 3 (25 min) Fill in Lesson	Independent Reading or Writing (20 min)	
Day 6 Date	Word Love/ Grammar Fill in Words or Topic	Read Aloud (15 min) Book Chapter	Phonics/Word Work Lesson (20min) Or Independent Reading/Writing		Independent Reading /Writing (20 min) Or Phonics/Word Work Lesson	New Lesson: 10 min Teaching Point:
Day 7 Date	Word Love/ Grammar Fill in Words or Topic			Session 4 (35 minutes) Fill in Lesson		New Lesson: 10 min Teaching Point:
Day 8 Date				Session 5 (40 min) Fill in Lesson		Reading Session 6 (45 min) Fill in Lesson



STRUCTURAL PD SHIFTS



Professional Development: Mike Ochs

Strategic Planning: District-Wide PD/ Goal Oriented

Goals: Vocabulary, Assessment, Grammar

Shift from PD to Coaching Model

Leadership Action
Step #4:
Implement
Assessment
Systems for
Identifying
Students Progress
and Needs

F&P Benchmark	
Student 1	G
Student 2	I
Student 3	F
Student 4	J
Student 5	I
Student 6	D
Student 7	M
Student 8	G
Student 9	H
Student 10	J
Student 11	H
Student 12	I



Shift from F&P Levels to Fluency Assessments

BENCHMARK ASSESSMENT SCORING SHEET

Passage Reading Fluency

GRADE 1

Introduction: You will read a two-page story about a pond in different seasons.

A Year at a Pond

It is spring. The pond is full of life. Grass grows. Bugs hum and birds sing. Frogs hop. Ducks sit on the grass. A fox comes out of its home.

It is summer. The pond is busy. The grass is tall. The water is warm. Frogs lay eggs. Baby ducks hide in the grass. Mom calls them to the water. The fox finds food.

It is fall. The pond is quiet. The grass is brown. The bugs are gone. The baby frogs are grown.

word count

112030415060647584

Fluency

Recording Form Part One: Oral Reading *(continued)*

Our New Neighbors • Level J

Sources of Information Used

Page	Text	E	SC	E			SC		
				M	S	V	M	S	V

TIME
TO SAY
GOODBYE

"I don't know," he said. "The barn is big enough for horses, but I haven't seen any."

Subtotal

Not for use in this assessment. This page may be photocopied.

Fountas & Pinnell Benchmark Assessment System 1, Third Edition

3



Shift in Assessment: Additional Standards Assessments

Read

Assessment Score

Skill Score

1

2A

2B

3A

3B

4

60%	61%	50%	65%	75%	45%	20%	15%
-----	-----	-----	-----	-----	-----	-----	-----

Grade

6

Assessment

Themes and Summaries: Gr...

Key

Students Completed/Assigned: 20/20

Students Unassigned: 0

Skill Summary

1 Skill Assigned

Standards	Skill	Performance Distribution	Avg Score	Resources
6R2-2	Themes and Summaries: Grade 6	<div></div>	60%	PDF

Assessment Summary

60% Average Assessment Score

10 Proficient

8 Progressing

2 Beginning

71%	71%						
70%	70%						

1

2

3

4

Finish Later

Submit



Shift in Practice: Skill Based Small Groups



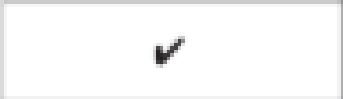
FOCUS LESSON PACING		Daily Timing
SESSION 1	SCAFFOLD READING	<ul style="list-style-type: none">• Notice and Wonder (5 minutes)• Essential Concepts (5 minutes)• Read (15 minutes)• Discuss the Text (5 minutes)
SESSION 2	PRACTICE THE FOCUS STANDARD <ul style="list-style-type: none">• Formative Assessment	<ul style="list-style-type: none">• Reread/Think (20 minutes)• Talk (10 minutes)• Write (5 minutes)
SESSION 3	SCAFFOLD READING	<ul style="list-style-type: none">• Read (20 minutes)• Discuss the Text (5 minutes)
SESSION 4	PRACTICE THE FOCUS STANDARD <ul style="list-style-type: none">• Formative Assessment	<ul style="list-style-type: none">• Reread/Think (20 minutes)• Talk (10 minutes)• Write (5 minutes)
SESSION 5	INDEPENDENT READING AND PRACTICE <ul style="list-style-type: none">• Formative Assessment	<ul style="list-style-type: none">• Read (20 minutes)• Reread/Think (10 minutes)• Write (10 minutes)
SESSION 6	RESPOND TO THE FOCUS QUESTION	<ul style="list-style-type: none">• Reread/Think (20 minutes)• Talk (15 minutes)• Write (10 minutes)

UNIT 2 OCEAN SURVIVAL LEARNING PROGRESSION		
Which skills are students building on?	Unit 2 Skills	Which skills are students preparing for?
Find the Main Topic Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.	Recount Key Details Recount the key details and explain how they support the main idea. (Lesson 5: Habitats of the Ocean; Connect It: Reefs at Risk)	Summarize a Text Summarize the text. (Lesson 8: Young Inventors: Connect It: From Idea to Invention)
Find the Main Topic Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.	Determine Main Idea Determine the main idea of a text; recount the key details and explain how they support the main idea. (Lesson 6: Survival Skills; Connect It: Reefs at Risk)	Determine Main Idea and Key Details Determine the main idea of a text and explain how it is supported by key details. (Lesson 7: Problem Solvers; Connect It: From Idea to Invention)
Describe Connections Between Events, Ideas, and Steps Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.	Connect Events/Ideas or Steps in a Process Describe the relationship between a series of scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect. (Lesson 7: Group Survival; Connect It: Reefs at Risk)	Analyze a Historical Text Explain events, ideas, or concepts in a historical text, including what happened and why, based on specific information in the text. (Lesson 5: World-Changing Inventions; Connect It: From Idea to Invention)
Identify Author's Purpose Identify the main purpose of a text, including what the author wants to answer, explain, or describe.	Determine Point of View Distinguish their own point of view from that of the author of a text. (Lesson 8: Protecting the Ocean; Connect It: Reefs at Risk)	Compare Accounts Compare and contrast a firsthand and secondhand account of the same event or topic; describe the differences in focus and the information provided. (Lesson 11: Exploring Extremes; Connect It: Exploring Space)

1 Choose a Level of Support

SCAFFOLD A
Topic & Main Idea:
What's the Difference?

Recommended for students
2+ grade levels below



SCAFFOLD B
Distinguishing Between
Paragraph and Text Main Ideas

Recommended for students
1 grade level below

	MISCONCEPTIONS AND SKILL GAPS	
✓	Students are not yet able to discriminate between the topic of a text and the main idea of a text.	
	Students are not yet able to discriminate between an overarching main idea and a paragraph-level main idea.	✓
	Students have difficulty connecting key details in a text.	✓

2 Meet the Texts

Review the complexity of the text for the chosen scaffold to anticipate where students may struggle.

TEXT A
Unfriendly Animal Friends

- The text assumes an understanding of crocodiles as carnivores who eat birds in order to recognize how gloves and crocodiles have an unusual relationship

Lexical Demands
• Vocabulary: bonds, screeches, attract
• Friendship is described using multiple terms: buddies, team, pair

KNOWLEDGE DEMANDS

LANGUAGE DEMANDS

TEXT B
A Clingy Relationship

- The text assumes basic knowledge of predator and prey relationships
- The text relies on an understanding of hitchhiking and knowledge of how suction cups work to recognize how a remora moves through the water, attached to a shark

Lexical Demands
• Vocabulary: predators, nurturing, prey

Syntax Demands
• Many complex sentences with a prepositional phrase at the beginning of the sentence

Improve Tracking Systems for Identifying Students Progress and Needs

iReady: Overall Reading Score Percentile		Assessment Grade Level				Words Correct Per Minute Accuracy			Comprehension	Prosody	6R3-Characters	6R2-2 Themes and Summaries	6R1-Citing Evidence	MTSS (November)	6R3-Characters	6R6-1 Explaining	6R8-1 Evaluating	Grade 1 Word Reading	Grade 2 Word Reading
September		November				Nov: Post: Unit 1						Dec: Post: Unit 2			January				
All Students		All Students				All Students						All Students			Below Benchmark				
620	82nd	6 ▼	156	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
569	44th	6 ▼	134	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
586	57th	6 ▼	144	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
583	54th	6 ▼	122	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
613	77th	6 ▼	125	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
595	64th	6 ▼	125	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
600	68th	6 ▼	99	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
557	37th	6 ▼	136	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
585	56th	6 ▼	141	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
601	68th	6 ▼	145	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
557	37th	6 ▼	133	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
534	25th	6 ▼	101	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
608	74th	6 ▼	118	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
662	98th	6 ▼	149	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼





**THANK
YOU**