





A Scope & Sequence for Foundational Literacy Skills

January 24, 2025

9:00am - 3:00pm

Connect with us online!

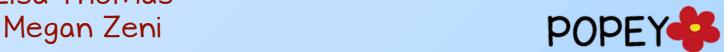


@POPEYBC



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Presenters: Lisa Thomas





Our learning objectives

In this workshop, we will explore a scope & sequence for foundational literacy skills, focusing on:

- evidence—based instructional routines for phonemic awareness,
 phonics, vocabulary, fluency, and comprehension
- strategies to support early reading and writing development, including a multi-tiered system of supports and a structured literacy framework





POPEY's Approach

POPEY shares research and knowledge around how we learn to read, the reading brain, and the foundational skills that support learning to read and write.

In workshops, we offer a collection of evidence—based strategies for teachers to consider.

Teaching reading is not a one—size fits all model — no two districts are the same, just as no two students are the same.

We invite teachers to consider implementing evidence—based instructional techniques to ensure literacy success for their diverse learners.





How do we learn?







- observation of someone skilled modelling/demonstrating
- * direct instruction
- * gradual release of responsibility
- * practice / repetition
- * time / opportunity
- * encouragement / feedback
- * safety to take risks and try new things
- * relationships, motivation, engagement...

Learning is:

- * social
- * constructive
- * experiential
- * inquiry-based

With this in mind, how can we create the learning experiences our students need to build their foundational literacy skills?





The foundations of literacy learning

The goal is for students to...

- be enthusiastic explorers of words:
 - * puzzle out letter-sound relationships
 - * see patterns
 - * take words apart
 - * investigate meanings
- connect to words in an active way

to expand their reading and writing powers

Students learn HOW TO LEARN aspects of words, and develop efficient and powerful word—solving strategies





It doesn't need to be either/or

→ and, and, and...

Decodable texts	VS.	Authentic literature			
Research	VS.	Classroom Practice			
The art of teaching	VS.	The science of reading			
Individual student needs	VS.	Whole class efficiency			
Direct instruction	VS.	Discovery learning			
Practice in isolation	VS.	Practice in context			
Mastery of skills	VS.	Joy of reading			
Structure	VS.	Choice			
Urgency	VS.	Joy			

Comprehensive = complete; including all elements or aspects of something





De-mystifying the Science of Reading

The Science of Reading is NOT:

- An ideology or philosophy
- A fad, trend, new idea, or pendulum swing
- A political agenda
- A one-size-fits-all approach
- A program of instruction
- A single, specific component of instruction such as phonics





De-mystifying the Science of Reading

The Science of Reading IS:

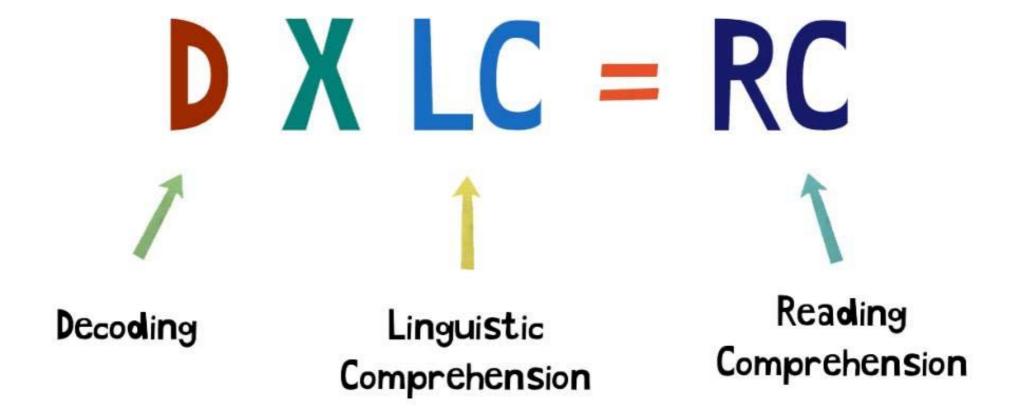
- A vast, interdisciplinary body of scientifically—based research about reading and issues related to reading and writing.
- Based on research that has been conducted over the last five decades across
 the world, and it is derived from thousands of studies in multiple languages.
- An abundance of evidence to inform:
 - how proficient reading and writing develop;
 - . why some have difficulty; and
 - . how we can most effectively assess and teach ...

therefore, how to improve student outcomes through prevention of and intervention for reading difficulties.





The Simple View of Reading





Scarborough's Reading Rope: A Visual Metaphor

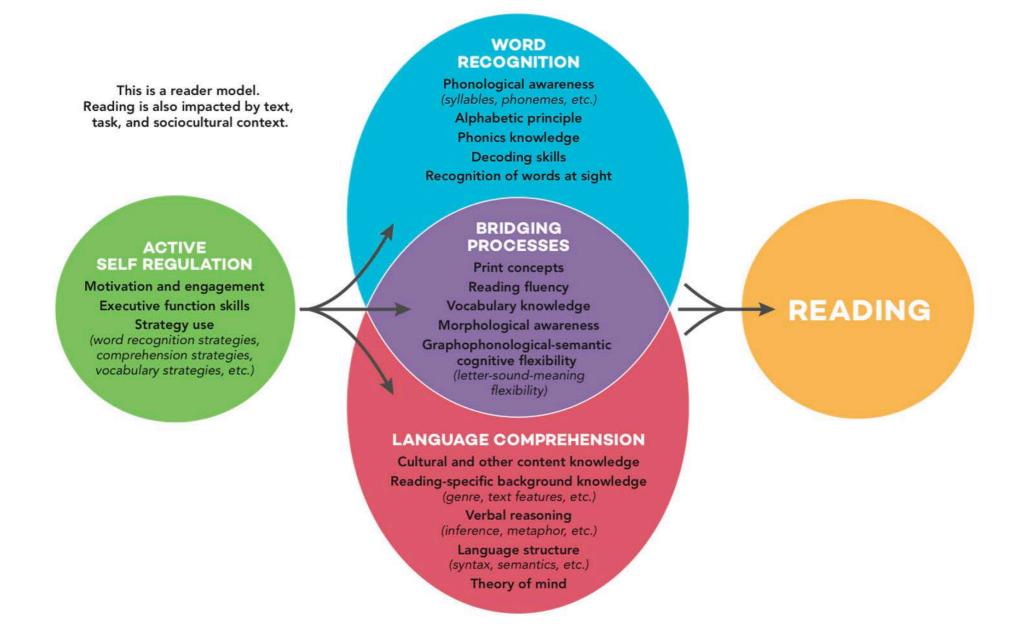
SCARBOROUGH'S LANGUAGE COMPREHENSION READING ROPE BACKGROUND KNOWLEDGE (facts, concepts, etc.) (2001)VOCABULARY (breadth, precision, links, etc.) INCREASINGLY STRATEGIC LANGUAGE STRUCTURE (syntax, semantics, etc.) **SKILLED** VERBAL REASONING (inference, metaphor, etc.) READING THE MANY LITERACY KNOWLEDGE **STRANDS** (print concepts, genres, etc.) WOVEN INTO SKILLED READING Fluent execution WORD RECOGNITION INCREASINGLY AUTOMATIC and coordination of word recognition and PHONOLOGICAL AWARENESS text comprehension. (syllables, phonemes, etc.) DECODING (alphabetic principle, spelling-sound correspondences) SIGHT RECOGNITION



(of familiar words)



The Active View of Reading: A Reader Model







Structured Literacy

WHAT is taught:

instructional content

- Foundational skills
 AND
- Higher-level literacy skills

HOW it's taught

teaching methods

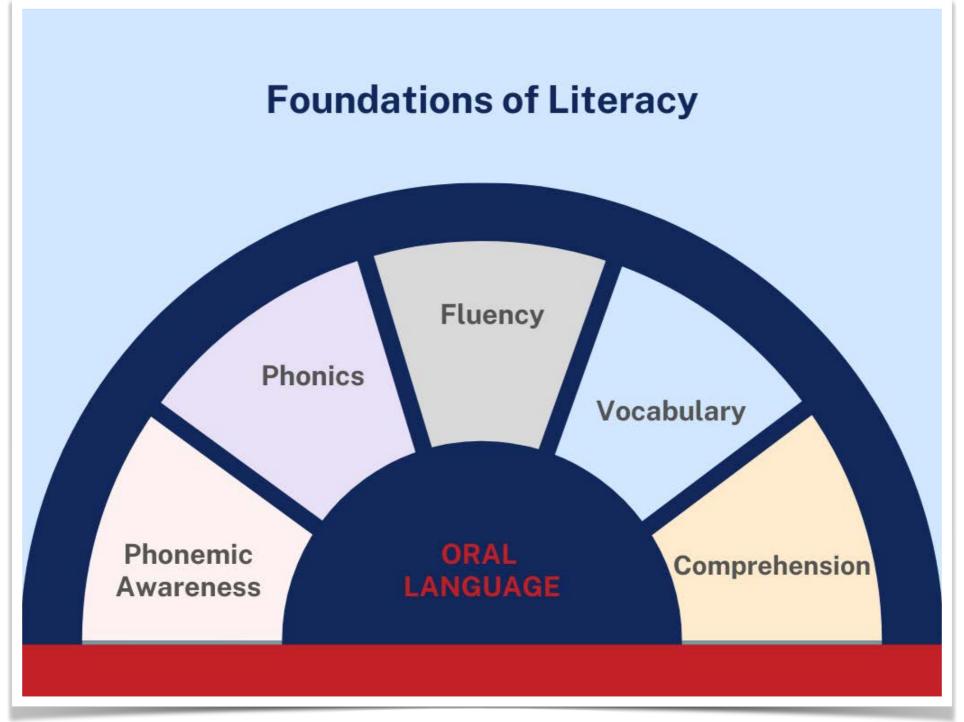
- Systematic and Cumulative
 - Organized, from simple to complex, follows a scope and sequence
- Explicit
 - Direct instruction
 - → "Today we are learning to..."
- Not assuming all students can infer concepts
- Active practice repetition, reinforcement, feedback
- Whole class and small group differentiated instruction

I Do. We Do. You Do.





Foundational Skills for Reading



Proficiency in these foundational skills is necessary for all students to be reflective, critical, and independent readers.



3

MTSS - Multi-Tiered System of Supports

set up to be a continuum of instructional supports that are available to every student from day one of kindergarten



Meets the needs of additional 1-5% of students in the class

Tier 3

- in addition to Tiers 1 and 2
- individualized intervention
- more time, smaller groups

Tier 2: Supplemental

Meets the needs of additional 5-15% of students in the class

Tier 2

- extra doses of support for a small body of students
- in addition to Tier 1
- · delivered in small groups

Tier 1: Universal

Meets the needs of at least 80% of all students in the class

Tier 1

- comprehensive, universal instruction for all students
- primary prevention of reading failure

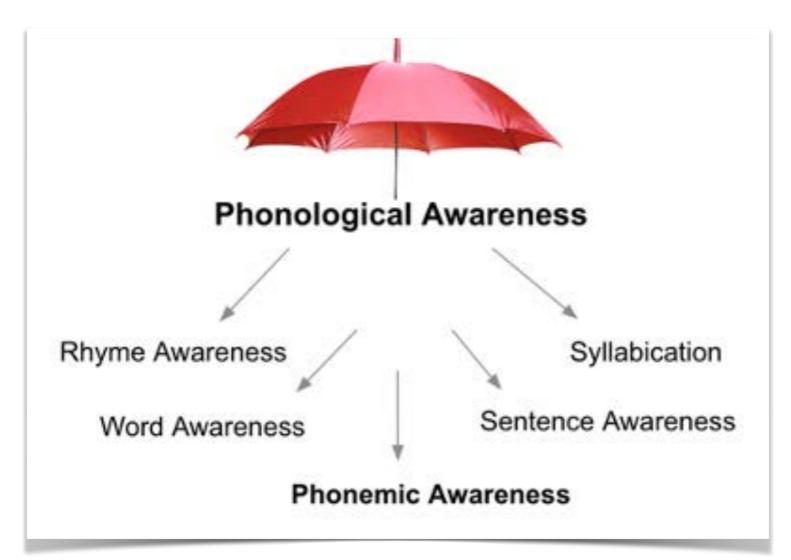
The MTSS model comes from the idea that we can prevent reading failure for the vast majority of students





Phonemic Awareness

the ability to notice and manipulate individual sounds in spoken language



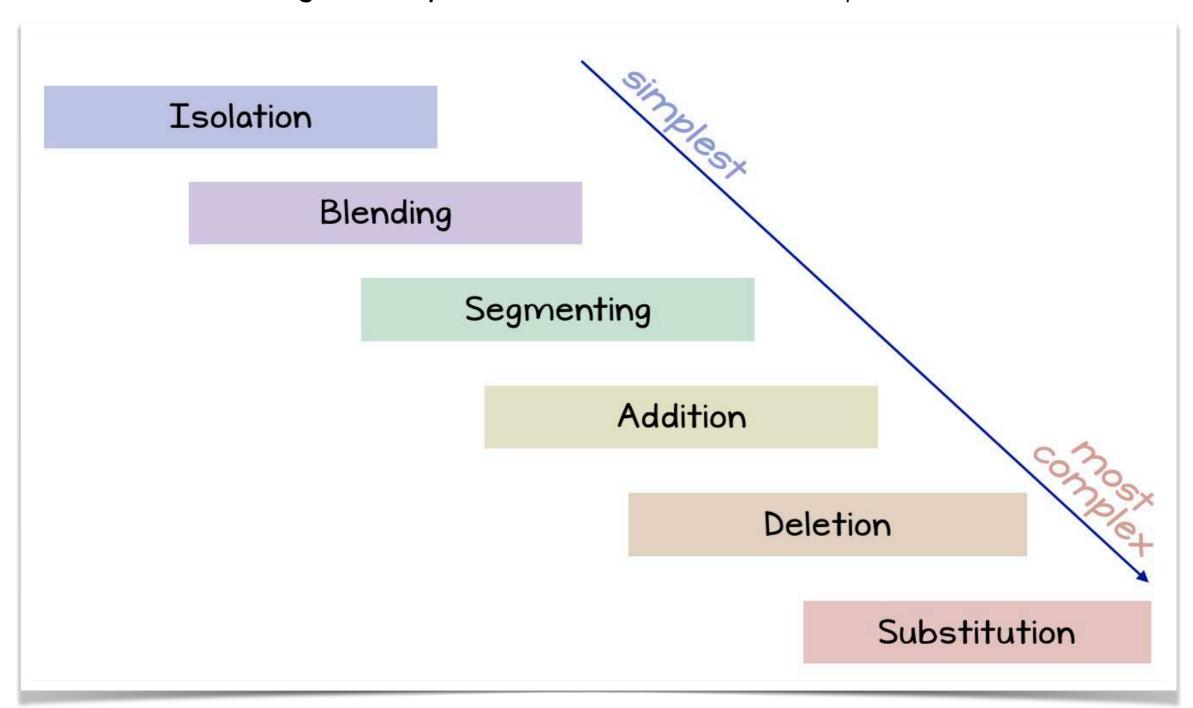
Over nearly four decades of research, "phonemic awareness has consistently been found to be the strongest precursor to, and predictor of, reading achievement" (Kenner, et al).





A scope & sequence for phonemic awareness

...the understanding that spoken words are made up of individual sounds







Intentional, systematic phonemic awareness instruction

High-leverage instructional routines for phonemic awareness:

- ✓ Let's notice how sounds are made (articulatory gestures)
- Let's put sounds together to make whole words (blending)
- ✓ Let's take words apart (segmenting)
- ✓ Let's listen for sounds that are the same (isolation & discrimination)
- ✓ Let's take sounds off of words (deletion)
- ✓ Let's change one sound in a word to make a new word (substitution)

How can you help students both NOTICE and MANIPULATE the phonemic structure of individual words?





One Minute - Whole Class Instruction

Rhyme Repetition

T says word pair, Students repeat:

hop/mop ran/fan wet/jet mad/dad

Onset Fluency

T says word, Students say word, then isolate the onset

T: funny S: funny /f/

Blending Phonemes

T says the phonemes for each word, Students blend the sounds & say whole word

T: b-l-a-k Ss: b-l-a-k ... black

Segmenting Phonemes

T says the word, Students say word, then segment it

T: flip Ss: flip f-l-i-p

Examples:

go/no
yes/me
sad/mad
run/fun
rip/bag

Examples:

baker /b/ puppy /p/ dinner /d/ gentle /j/ happy /h/

Examples:

Examples:

hop run map play grab



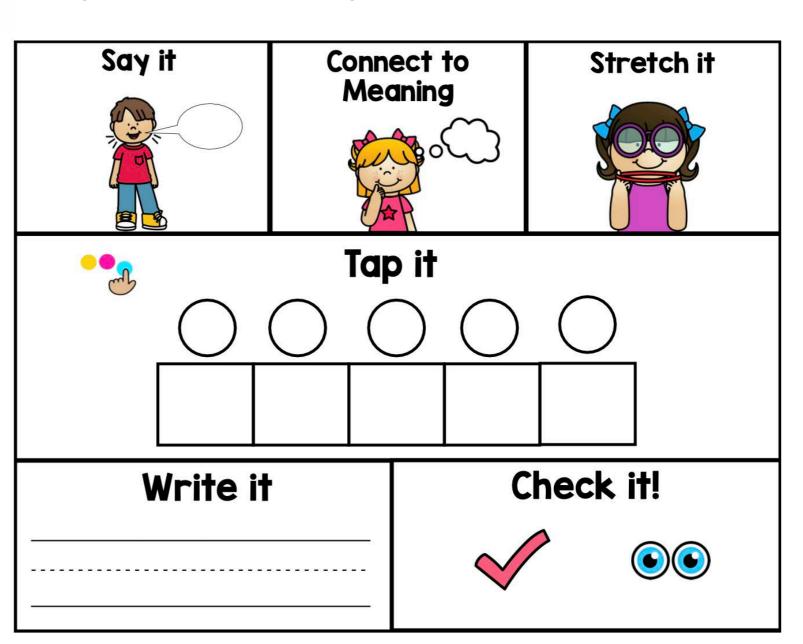


Elkonin Boxes

Small Group Supports for Phonemic Awareness

Manipulatives to support phonemic awareness & orthographic mapping







Tip: Mix it up and use

pompoms, little toys,

play-doh balls,



Readiness Skills



The two best predictors of early reading success are phonemic awareness and a student's understanding of the alphabetic principle.

Phonemic Awareness

Students' ability to hear and manipulate the smallest units of sound in a word — phonemes

Alphabetic Principle

The understanding that there are systematic and predictable relationships between sounds and letters.

"these skills open the gate for reading." — Wiley Blevins





Letter Sound Recognition & Alphabetic Principle

How many words can you make from these letters?

s, m, t, d, l

VS

s, m, a, t, d

66

When a child memorizes ten words, they can only read ten words.

If a child learns the sounds of ten letters, they will be able to read:

350 three-sound words

4,320 four-sound words, and

21,650 five-sound words.



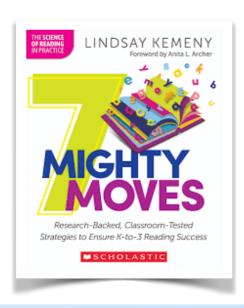




Phonemic Awareness Instruction

Keep in mind:

- Short and frequent sessions
- Focus primarily on blending and segmenting (phoneme—level skills)
- Begin to add letters to this work
- Often integrated into phonics lesson



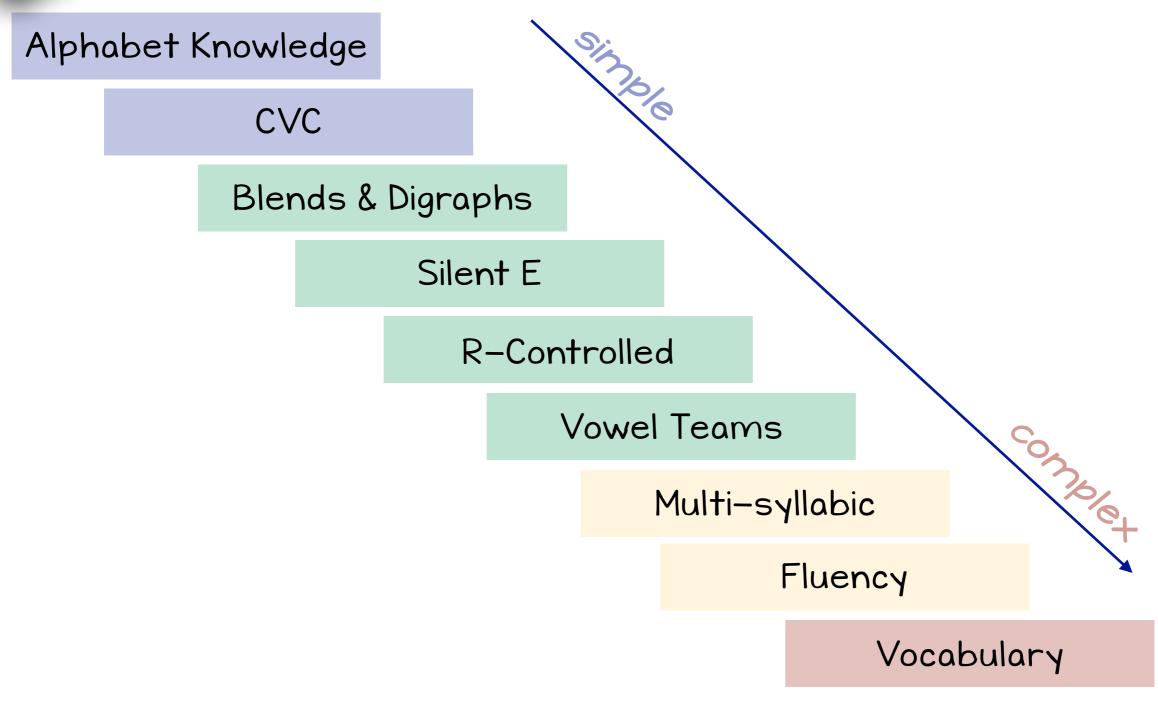
Ideas for instructional strategies:

- Use manipulatives to keep it playful
 - * Elkonin boxes + bingo chips
 - * Pop It fidget toys
 - * Race cars + tracks
 - * Unifix cubes
- Encourage gestures
 - * Hand choppers
 - * Tap down arm
 - * Finger/thumb tap
- Word Chains build phonemic awareness and phonics skills at the same time





A scope and sequence for phonics instruction



Explicit

Systematic

Cumulative



3

Characteristics of Strong Phonics Instruction

Phonics refers to knowledge of letter sounds and the ability to apply that knowledge in decoding unfamiliar printed words.

· Systematic

- * It has a scope and sequence
- * Skills and concepts are taught in a logical order prerequisite skills are taught first

Explicit

- * Clear and direct instruction of important skills and concepts
- · Cumulative
 - * Build on previously learned skills
 - * Sufficient repetition and review for mastery

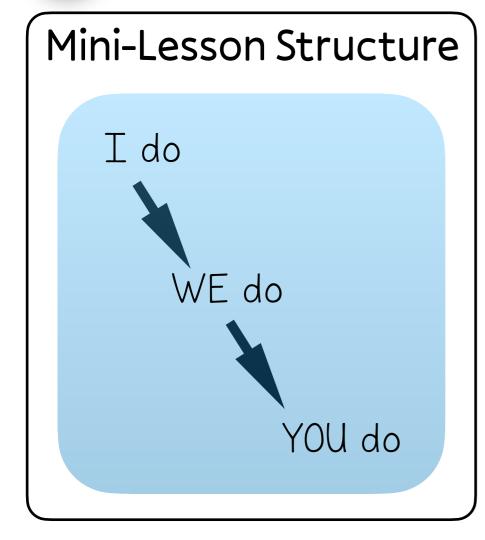


Engaging * Active * Social * Reflective





Mini-Lesson: time for students to do the heavy lifting



- mini, not maxi (five minutes)
- strategy-focused
- model, model, model
- direct and explicit instruction
- guided practice in a safe, supportive setting
- gradual transfer to independence

"Whoever does the work in the lesson does the learning"

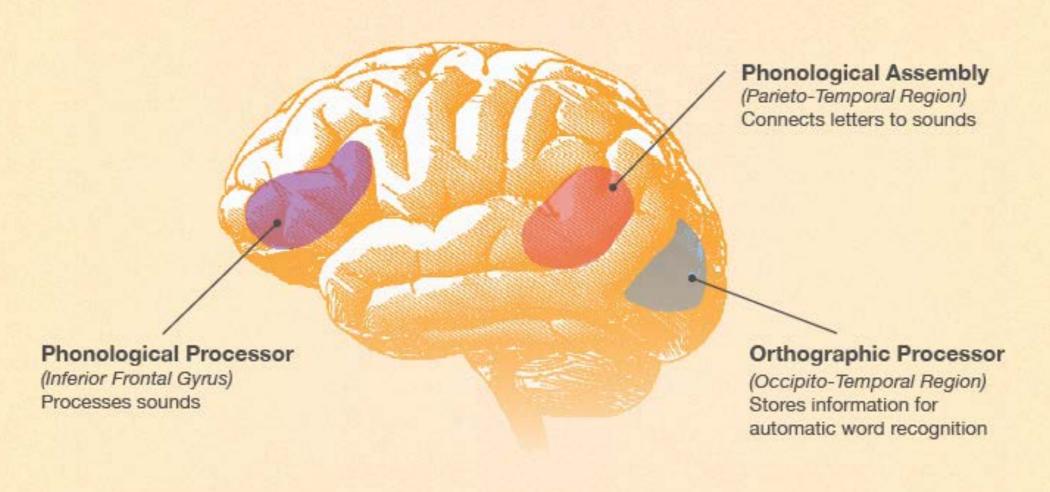
- Wiley Blevins





The Reading Brain

REGIONS OF THE BRAIN ASSOCIATED WITH READING

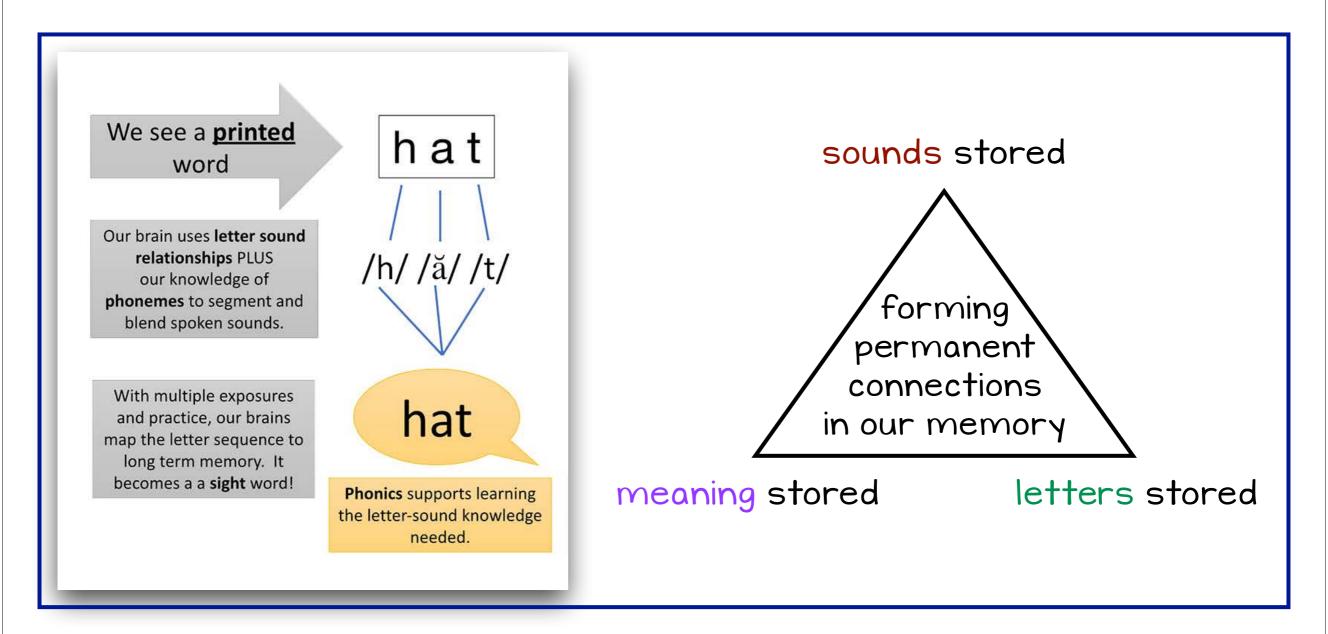


Left hemisphere of the brain



Orthographic Mapping

The process of storing a word permanently in memory for instant retrieval is called orthographic mapping.

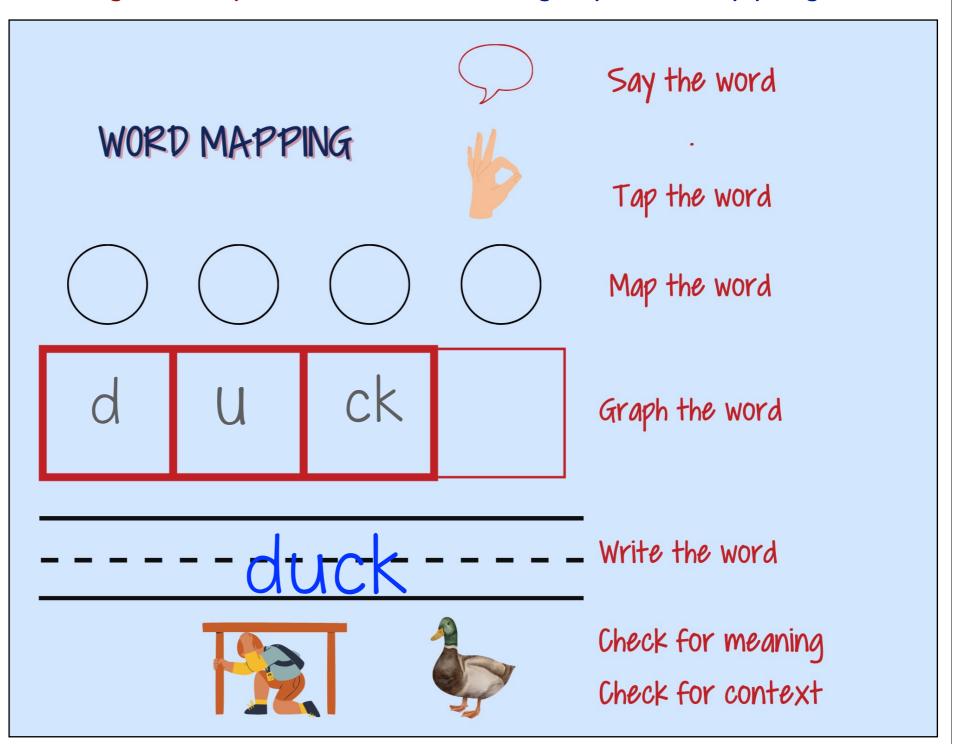




Word Mapping

supporting the cognitive process of orthographic mapping

Word mapping is a physical way to represent the relationship between the phonemes (sounds) and graphemes (letters).







High frequency power words

109 Power Words

Jan Burkins and Kari Yates © 2020 TheSixShifts.com

1	*the	21	be	41	which	61	into	81	made	101	get
2	*of	22	this	42	their	62	has	82	over	102	through
3	*and	23	from	43	said	63	more	83	did	103	back
4	*a	24	I	44	if	64	her	84	down	104	much
5	*to	25	have	45	do	65	two	85	only	105	before
6	*in	26	or	46	will	66	like	86	way	106	go
7	*is	27	by	47	each	67	him	87	find	107	good
8	*you	28	one	48	about	68	see	88	use	108	new
9	*that	29	had	49	how	69	time	89	may	109	write
10	*it	30	not	50	up	70	could	90	water		
11	*he	31	but	51	out	71	no	91	long		
12	*for	32	what	52	them	72	make	92	little		
13	*was	33	all	53	then	73	than	93	very		
14	on	34	were	54	she	74	first	94	after		
15	are	35	when	55	many	75	been	95	words		
16	as	36	we	56	some	76	its	96	called		
17	with	37	there	57	so	77	who	97	just		
18	his	38	can	58	these	78	now	98	where		
19	they	39	an	59	would	79	people	99	most		
20	at	40	your	60	other	80	my	100	know		

These 109
words comprise
50% of the
words found in
children's texts.

*Words 1-13
make up 25% of
the words in
children's texts.





High-leverage instructional routines for phonics instruction

Explicitly and systematically teach the secrets of how to crack the written code.

- ✓ Let's play with sounds daily
- ✓ Let's **study** something **new** 1–3 times per week
- ✓ Let's blend some words daily
- ✓ Let's build some words 2-3 times per week
- ✓ Let's write some words 2-3 times per week
- ✓ Let's **study** some **spellings** 2-3 times per week
- ✓ Let's read! daily
- ✓ Let's review something that was a little tricky as needed

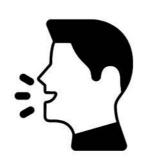
Including both systematic phonics and meaningful interactions with texts leads to the most powerful outcomes for beginning readers.



Phonics Instruction: A Lesson Flow









HEAR IT

 phonemic awareness

TEACH IT

 name and teach new skill/sound

DECODE IT

 decode words with target skill ENCODE IT

 spell words with target skill read words, sentences and decodable passages

The last two steps should be approximately 50% of your lesson time. Blevins states "students progress at a much faster rate in phonics when the bulk of instructional time is spent on applying the skill to authentic reading and writing experiences" (2017).





Differentiation: Below-Level Student Supports

Frontload content

✓ audio recordings of decodable texts and/or a guided echo read of the text prior to the whole—group lesson

Revisit the skill during small-group lessons

the whole-group lessons give
 students access and a solid
 introduction to grade-level skills to
 build on when they get to that skill
 during small-group lessons

Modify (don't lower) expectations

✓ students practice only a subset
of the words, to work with the
new skill in a way that doesn't
overwhelm them

Design instruction with the awareness that students don't learn phonics skills in a lockstep manner

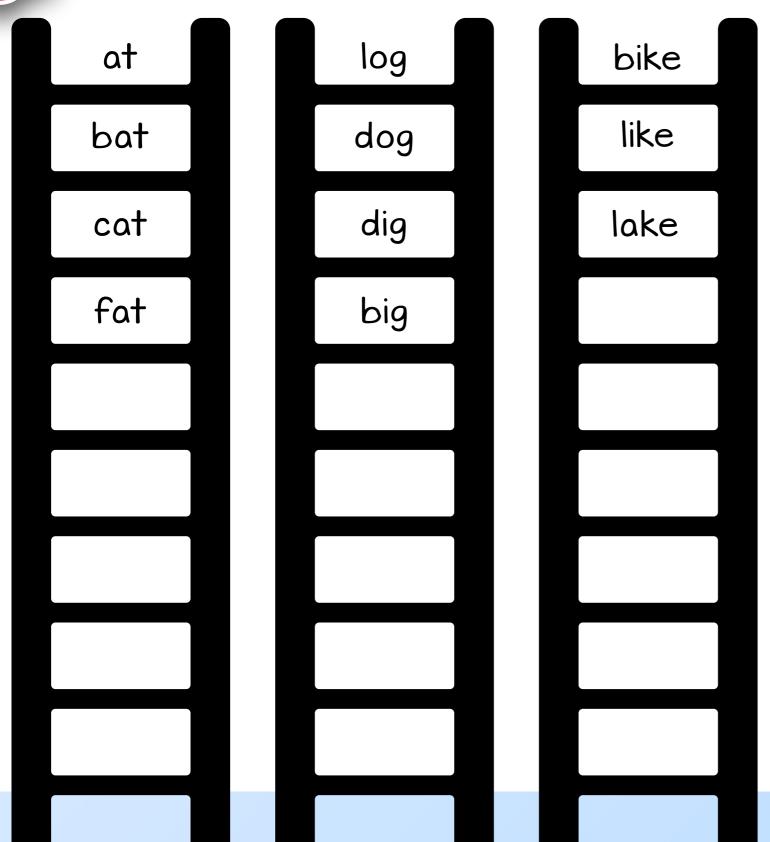
once they understand how the letter sound system works, it's a matter of us introducing them to specific sound spellings and giving them ample practice to master them and easily transfer them to all reading & writing situations

Address previous skill needs during small-group time

- √ a robust pace (not too slow)
- focus on high-impact activities like blending, word building, dictation, and reading and writing about decodable texts



Word Ladders - playing with sounds, letters, words

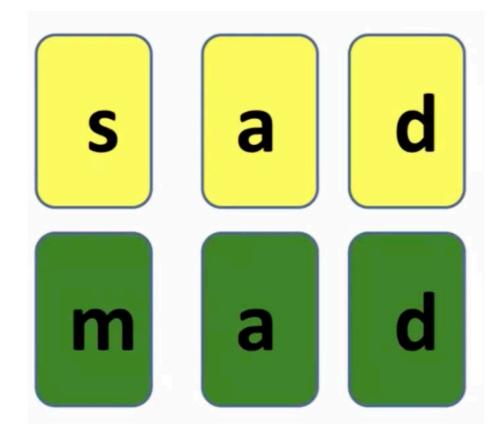


Easily differentiated to be responsive to your students' varied abilities & needs, and can be extended to a literacy centre for additional engagement & practice.



Teacher Language

(Begin with sad.) Change sad to mad.



Skill encoding decoding

This is sophisticated phonemic awareness work:
Students are substituting, deleting, and adding sounds (encoding). And then they're using their knowledge of spelling to create the new word, and then read (decode) the new word to make sure it's correct.



Instructional Strategy: Word Chains

Teacher Language

Skill

(Begin with mat.) Change mat to sat.

encoding

Change the S to an F. Now tell me what word you have?

decoding

Change fat to fit.

encoding

Change the F to an S. What word is that?

decoding

What letter do you need to change sit to lit?

encoding

Now add an S to the beginning of lit. What word do you get?

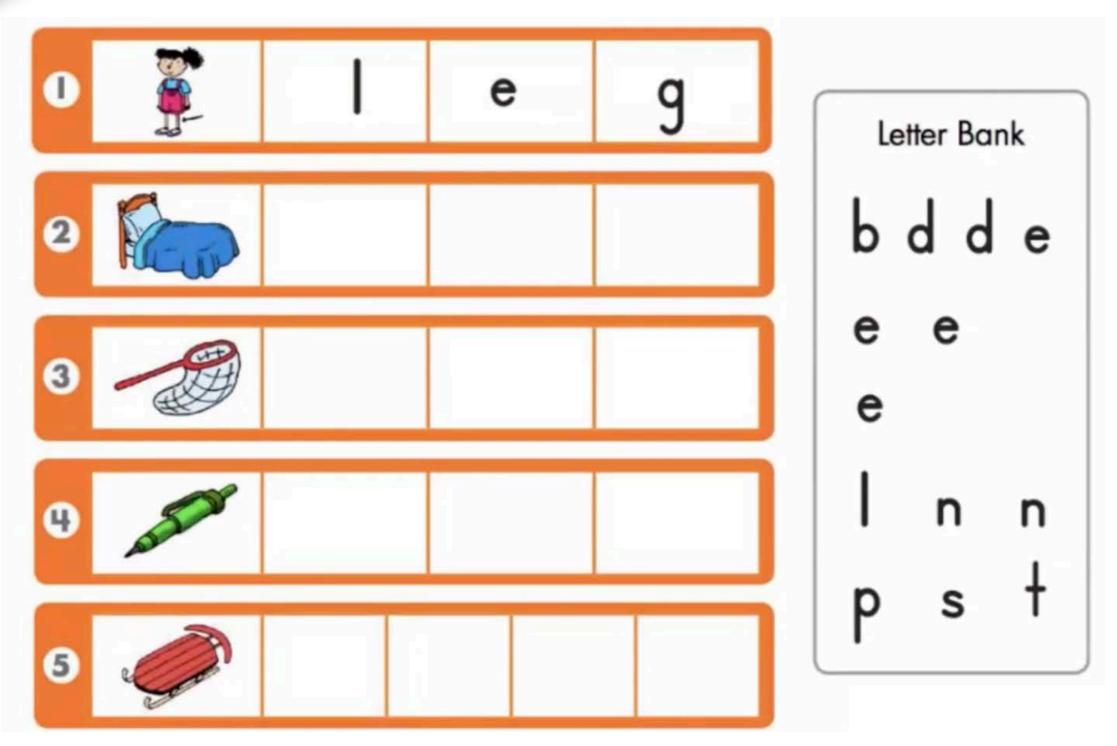
decoding



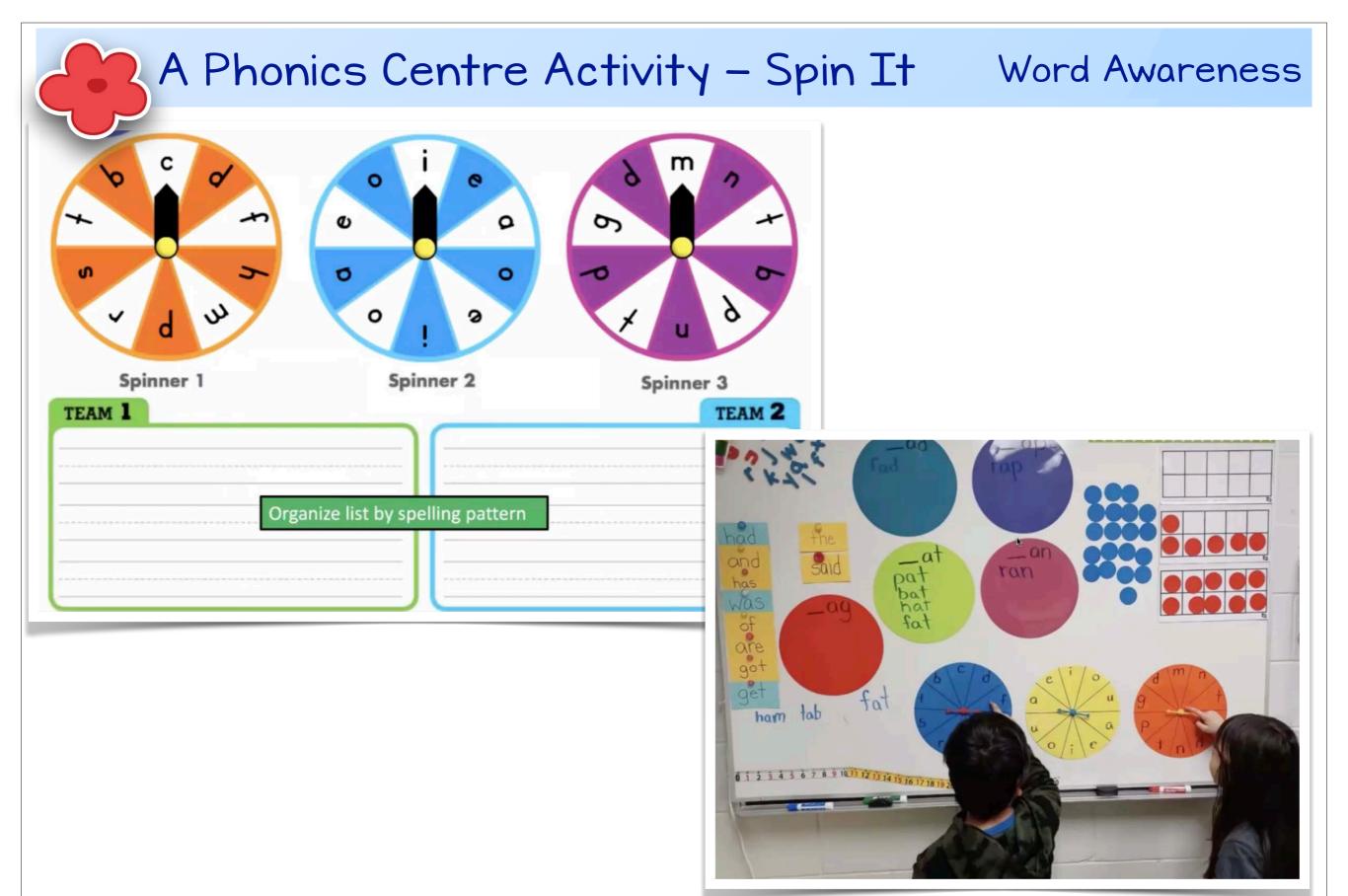


A Phonics Centre Activity - Letter Bank

Word Awareness





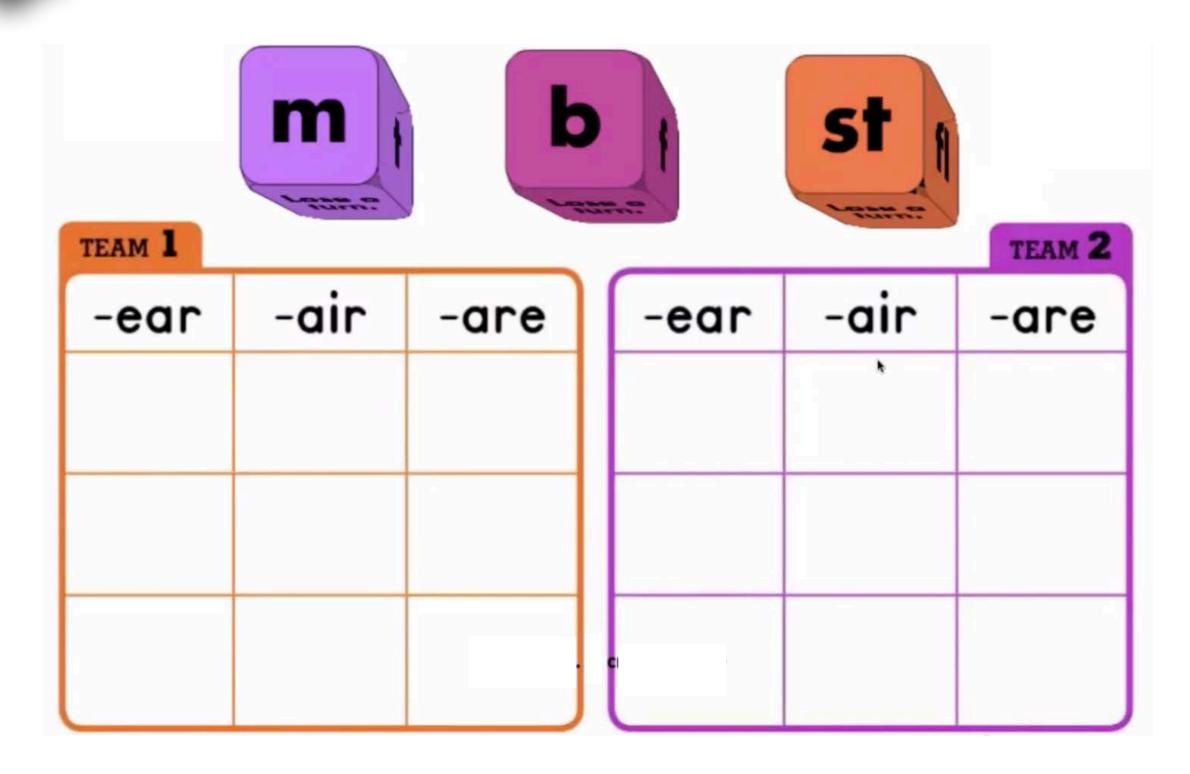






A Phonics Centre Activity - Roll It

Word Awareness



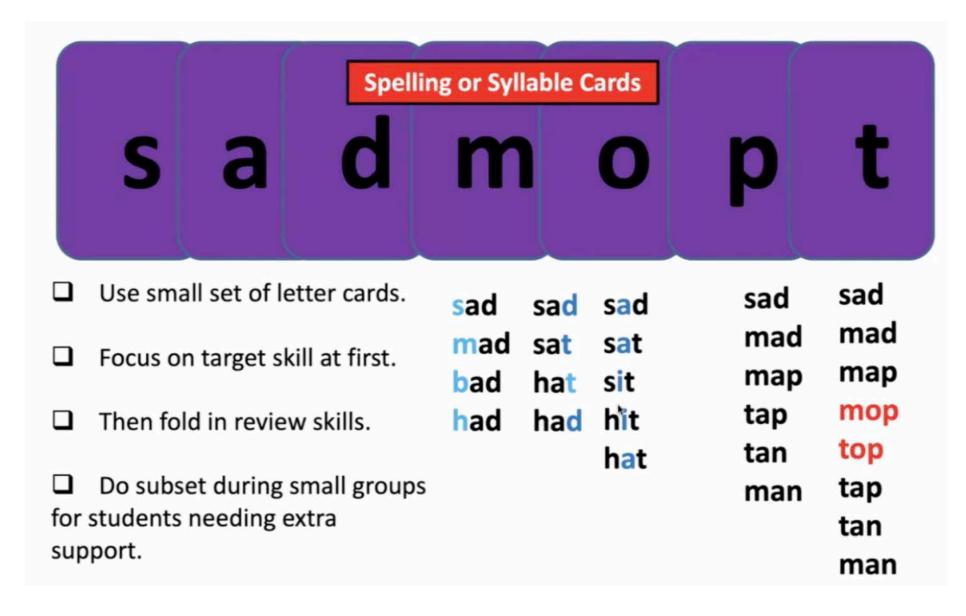




Spelling or Syllable Cards

High engagement. Targeted.

Students practice decoding and encoding by manipulating, deleting, substituting, and blending recently taught letters & sounds to make new words.

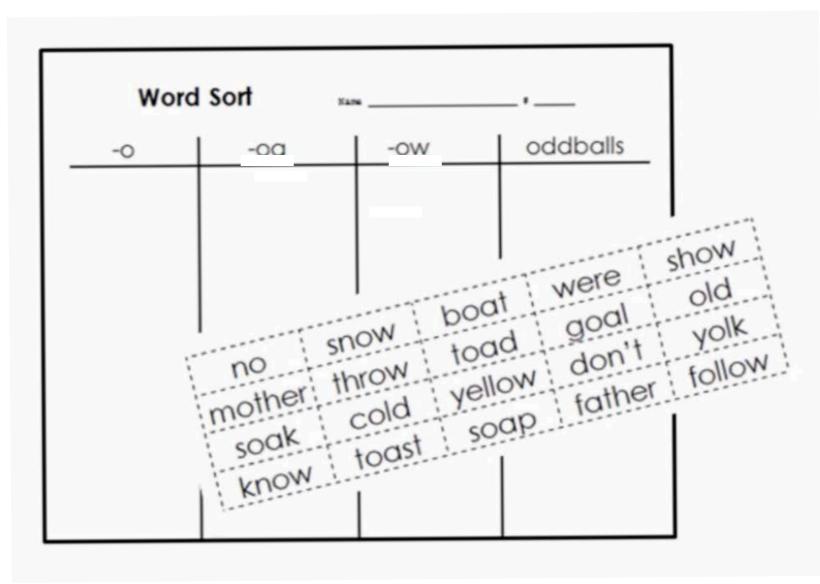






A Phonics Centre Activity - Word Sorts

road show grow boat blow coat row goat



Each sort should end with a question like:

What did you notice about these words?

What did you learn about these spelling patterns?



Living Words - make a word

Word Awareness



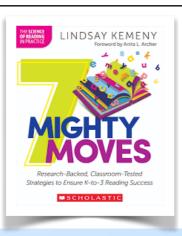




Phonics Instruction

Keep in mind:

- Systematic: Move from simple to complex
 - Following a scope and sequence
- Explicit: "Today I want to teach you..."
- Keep students engaged by:
 - Inviting student responses
 - Have students come to the board to find a word, highlight a phonics skill in a word



Ideas for instructional Strategies:

- Understand "the code" yourself
- Consider using a systematic and explicit phonics program
- White boards will be your best friend!
- Keep lessons lively, and stick to suggested times
- Don't forget to unpack word meaning
- Word sorts
- Word chains
- Try multi-sensory methods
- Use Elkonin (sound) boxes to support encoding
- Weekly progress monitoring is critical!



The best phonics instruction is active, engaging, and thought provoking. Students are playing with letters and sounds and discussing what they observe about how words work to deepen their understanding of our alphabetic system so they can read and write.

Phonics instruction involves talk. It involves observation. And it involves tons of application to authentic reading and writing experiences.

Differentiating Phonics Instruction for Maximum Impact - Blevins







The Active View of Reading: A Reader Model

effect size = 0.44

This is a reader model.

Reading is also impacted by text,
task, and sociocultural context.

ACTIVE SELF REGULATION

Motivation and engagement
Executive function skills
Strategy use
(word recognition strategies,
comprehension strategies,
vocabulary strategies, etc.)

effect size = 0.46

WORD RECOGNITION

Phonological awareness
(syllables, phonemes, etc.)
Alphabetic principle
Phonics knowledge
Decoding skills
Recognition of words at sight

BRIDGING PROCESSES

Print concepts
Reading fluency
Vocabulary knowledge
Morphological awareness
Graphophonological-semantic
cognitive flexibility
(letter-sound-meaning
flexibility)

LANGUAGE COMPREHENSION

Cultural and other content knowledge Reading-specific background knowledge (genre, text features, etc.)

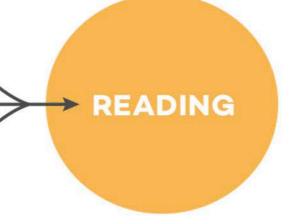
Verbal reasoning (inference, metaphor, etc.)

Language structure (syntax, semantics, etc.)

Theory of mind

effect size = 0.62

effect size = 0.70



Effect sizes greater than 0.4 accelerate student learning





Decodable Texts

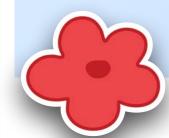
a teaching tool to support phonics instruction



"Without aligned texts, readers are at risk of formulating the misguided hypothesis that reading is simply using pictures, and maybe a few letters, to infer the words. Worse yet, readers can begin to think that reading is just memorizing the text."

-Shifting the Balance 6 Ways to Bring the Science of Reading into the Balanced Literacy Classroom- Page 141





Patterned, Levelled Texts





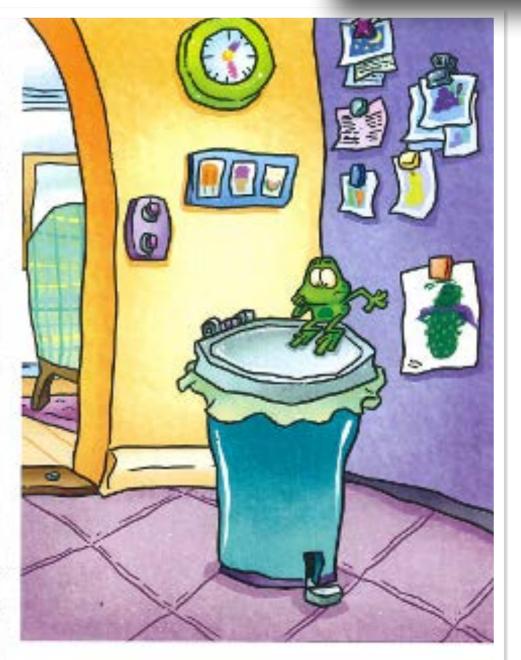


Decodable Texts: letter/sound





Is the cap on a mat? No! It is not on the mat.



Is Zac's cap on a can? No! It is not on the can.





Considerations for choosing books

Questions to ask when considering beginning texts:

The three tensions...

Decodability	Predictability
How regular are the words in the text?	Do the patterns and/or illustrations make the words easy to predict?
Novelty	Redundancy
Will students encounter new words built from familiar sound—spellings?	Are words or spelling patterns repeated to give st's practice with them?
Orthographic Value	Sense-making Value
How aligned is the text with the student's current phonics knowledge?	Does the text make sense? Does the text engage the reader in thinking?



Decodable Texts

Grades 3 and up

LEVELED BOOKS*

AND TOPIC

LIBRARIES

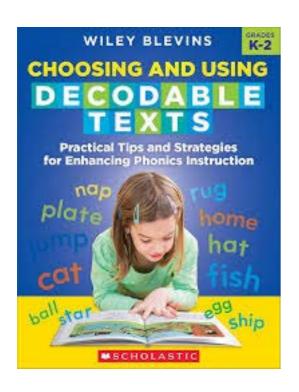
TRADE BOOK

READ-ALOUDS

Grade 1

Grade K

DECODABLE TEXT



Important to remember that students need access to a variety of texts for different instructional purposes





Decodable Texts - because, but, so...

Using decodable text is important because...



Using decodable text is important but...



Using decodable texts is important so...



Add your 3 sticky notes to the corresponding chart paper



Fluency is the ability to read text accurately, at an appropriate pace, with expression.

- As decoding is automatized, students increase their ability to read texts fluently, freeing cognitive resources to focus on the meaning of the texts.
- Reading fluency develops as a result of strong instruction in other core components of literacy: phonological awareness, phonics, and vocabulary.
- To read a text fluently, students must have accurate and automatic word reading skills (Hudson et al., 2009). Text—level fluency develops with extended opportunities to practice oral reading. (Zimermann et al., 2021).

Fluency is the bridge between word recognition and comprehension.

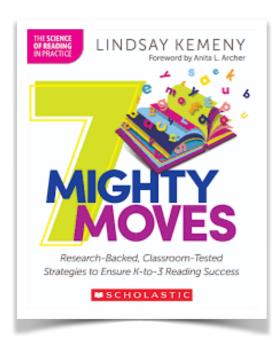




Building Fluency

Keep in mind:

- More than just reading fast
- Don't teach phonics in isolation
- · Avoid "round robin" reading
- Be mindful of how you use independent reading time



Ideas for instructional Strategies:

- Remember...fluency is not an isolated skill
 - subskills: phonemic awareness, sound symbol knowledge, automaticity at letter or word level
- Small Group instruction affords specific, immediate feedback
- Model, model, model!!!
- Whole Group Reading including:
 - Read aloud, cloze reading, choral reading, echo reading
- Partner Reading
- Reader's Theatre
- Beat the Clock Timed Reading
- Repeated Reading





Why Teach Vocabulary?

One of the oldest findings in educational research is the strong relationship between vocabulary knowledge and reading comprehension.

Vocabulary needs to be taught both directly and indirectly through several approaches:

- Encourage wide reading
- Expose students to high—quality oral language
- Promote word consciousness
- Teach word meaning directly
- Teach independent word—learning strategies, including the use of context clues, the use of word parts, and the efficient use of the dictionary

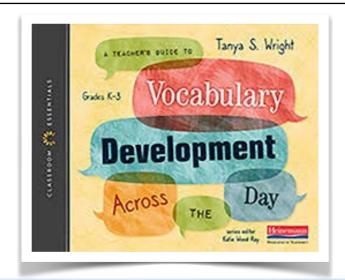




Vocabulary Instruction

Keep in mind:

- Prepare student friendly definitions
- Learners need repeated exposure in meaningful contexts
- We learn words that are relevant, meaningful and useful
- We learn words when we have opportunities for active engagement with those words

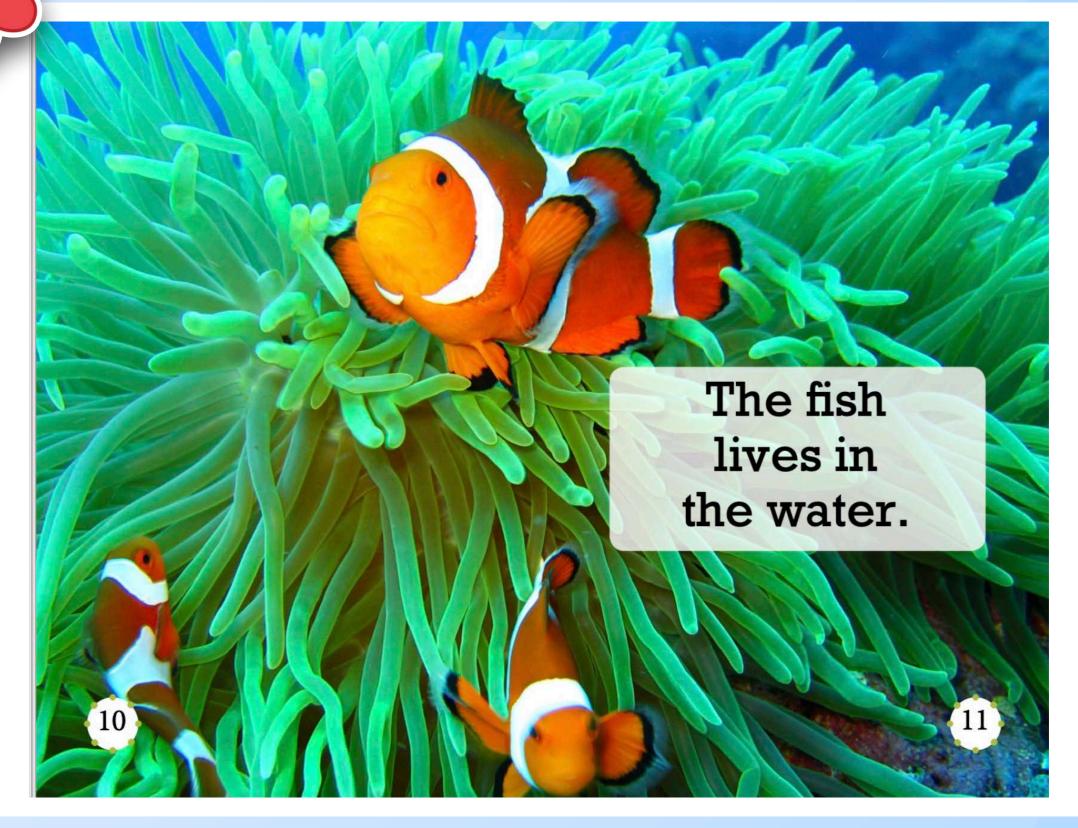


Ideas for instructional Strategies:

- Rich read aloud
 - Planned, pre-selected vocabulary, re-read, connect to content in Social Studies or Science, opportunities for active engagement
- Use text sets
 - www.readworks.com (Article a Day)
- Read A LOT!
- Use and model sophisticated language, starting in Kindergarten
- Model being word curious!
- Dive into morphology look for word parts



Listening Comprehension & Vocabulary







Listening Comprehension & Vocabulary

Chapter 1

HEADING HOME

t is early September. A female salmon has spent three years in the Pacific Ocean. It is time to leave. She will return to the place she was born. Where she was born is a good place to **spawn**. She begins her long journey home to Washington State.

The salmon swims south. She finds a body of water called an **estuary**. This is where a river meets the ocean. The salmon stays here for several weeks. The mix of salt water and freshwater in the estuary prepares her to live in the river. New muscles develop that will help her sprint and jump. Eggs start to grow in her body. The salmon gobbles down a few more fish. This will be the last meal of her life.

After living most of their lives in the ocean, salmon return to the freshwater rivers from which they came.

Read-aloud texts:

choose texts that will stretch listening comprehension by providing exposure to rich ideas, wide vocabulary, background knowledge, and novel language structures

7



Teach and model reading comprehension strategies

Students need direct, specific strategy instruction and comprehension-building practice.

Supporting comprehension growth and development:

- A teacher's explicit modelling of comprehension behaviours is an effective tool that improves students' use of comprehension strategies
- Asking students to tell you about what they've read sends a
 message that what they are reading is important and helps them
 dig deeper for meaning
- Prompting or questioning before, during, and after reading can lead students to deeper text understanding, especially the use of questioning that leads students to draw inferences and connect ideas across sentences





A Layered Model of Effective Comprehension Instruction

EFFECTIVE GENERAL CLASSROOM INSTRUCTION

MOTIVATING LITERACY

LANGUAGE DEVELOPMENT

Also essential
is instruction in
word-reading
and bridging skills:
print awareness,
phonological
awareness,
phonics and
word recognition,
GSF, morphology,

and fluency.

Ribbons can be pulled (practices extended) based on student needs.

KNOWLEDGE BUILDING AND ACTIVATING

ENGAGEMENT WITH TEXT

TEACHING ABOUT TEXT

TEACHING ABOUT COMPREHENDING

Assessment-instruction cycles, differentiated instruction, careful use of class time, relationship building, culturally sustaining pedagogy, equitable instruction, etc.

Building (on) interests, goal setting, choices, peer interaction, identity development, compreaction, etc.

Academic, disciplinary, pragmatic, semantic, syntactic, etc.

Content area instruction (content, investigations), cultural knowledge building and activating

Text discussion and analysis, research and writing in response to reading, volume reading

Genres, text structures and features

Strategies and other processes, using a gradual release of responsibility (Duke, Pearson, Strachan, & Billman, 2011; Pearson & Gallagher, 1983)





Skilled comprehenders use these strategies

CONNECTING

to prior knowledge (schemas)

SELF-QUESTIONING

ask themselves questions about the text; plan to understand

PREDICTING

& clues from text to make hypotheses

TEXT STRUCTURE

use & organize text information to make meaning

VISUALIZING

mental imagery
to remember
information from
texts

MAKING INFERENCES

integrate bits of info and fill in the gaps

SUMMARIZING

prioritize the importance of info to get the 'gist'

We can explicitly model these comprehension skills and engage students in conversations that allow them to practice comprehension.





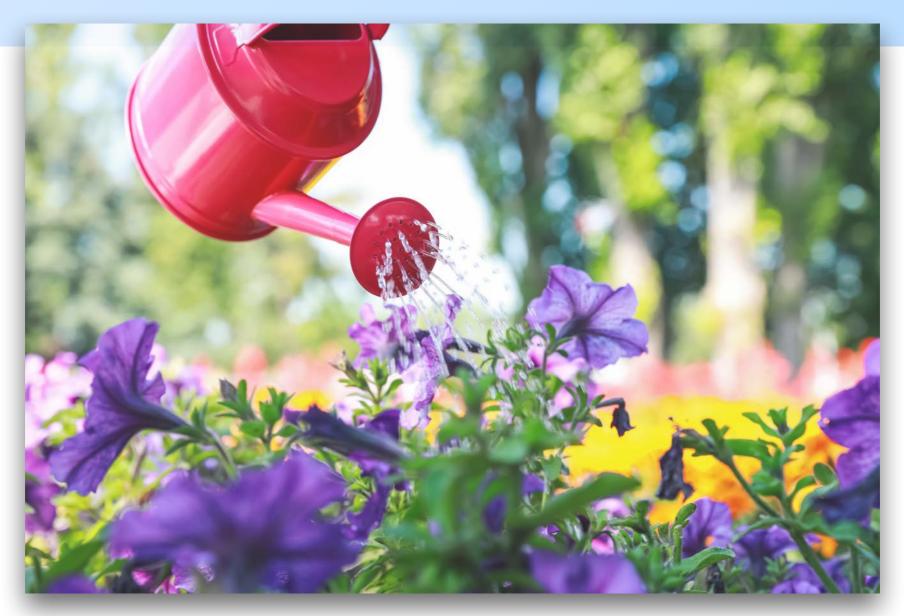
Reading as Meaning Making

For students to become efficient meaning makers, they need to:

- build knowledge of text type and content
- undertake practice with decoding texts
- develop and use vocabulary
- make links between prior knowledge and the texts they are reading







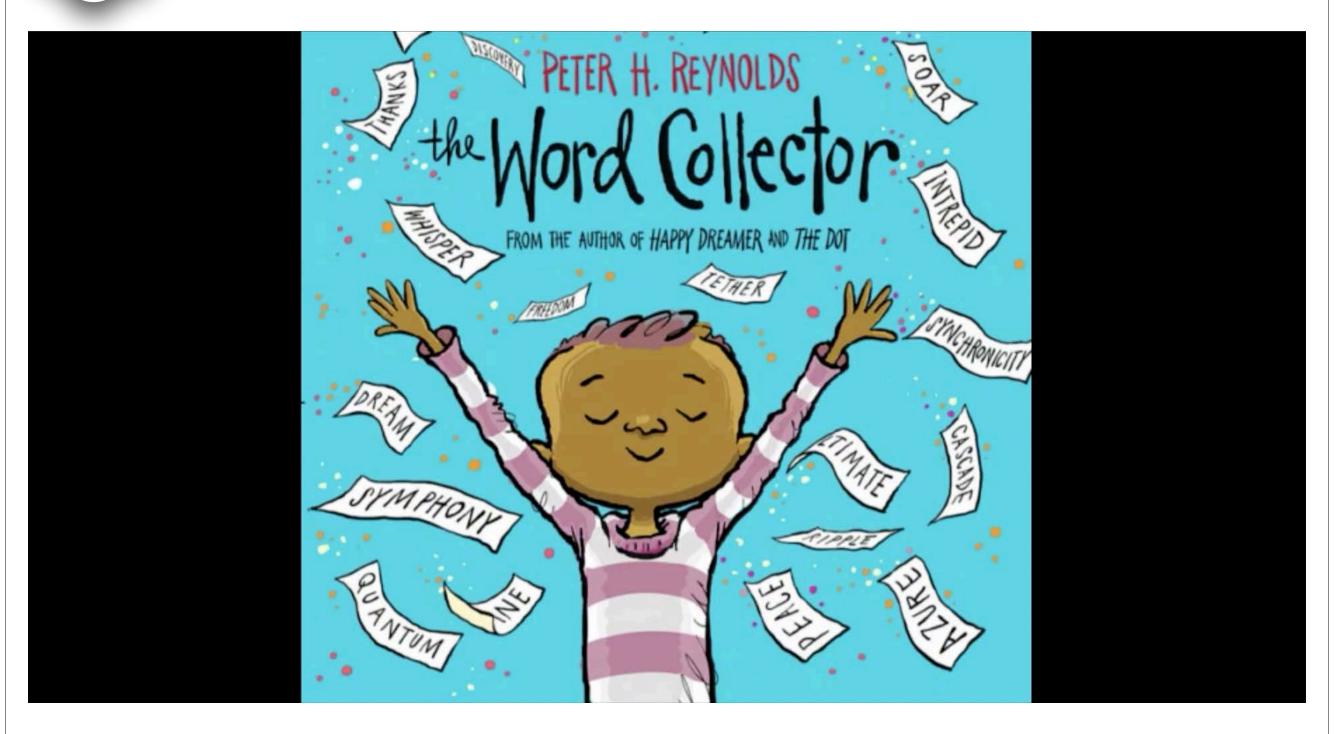
"If children are not spending a significant portion of their day engaged in (reading and writing) texts that allow them to practice the strategies we are modelling, then we cannot possibly expect them to take on these strategies and use them independently."

-from Catching Readers Before They Fall





The transformative power of language and words





How to Be a Better Writing Teacher workshop — Anderson & Glover

Bringing Words to Life - Beck, McKeown, Kucan

A Fresh Look at Phonics - Blevins

Differentiating Phonics Instruction for Maximum Impact - Blevins

ILA workshop: Adding Encoding to Phonics Lessons, Wiley Blevins

Shifting the Balance - Burkins & Yates

Executive Skills & Reading Comprehension: - Cartwright

Craft and Process Studies-Glover

Heggerty Phonemic Awareness Curriculum

Phonemic Awareness: The skills that they need to help them succeed! — Heggerty

Active Reading Classrooms - Kelly

7 Mighty Moves - Kemeny

Next Steps in Literacy Instruction - Smartt & Glaser

UFLI Foundations Manual

A Teacher's Guide to Getting Started with Beginning Writers — Wood Ray & Cleaveland

A Teacher's Guide to Vocabulary Development Across the Day - Wright



Beyond the Simple View of Reading

<u>Decatur Public Schools - MTSS diagram</u>

Defining MTSS with Stephanie Stollar - Podcast

Evidence for a New Era of Reading Instruction

How We Learn To Read - Harvard Medical School

International Dyslexia Association Ontario

<u>ONlit - Fluency Overview</u>

Reading As Meaning Making - Victoria State Government, Department of Education (Australia)

Reading Rockets: The Active View of Reading

Reading Rockets - Basics: Sight Words & Orthographic Mapping;

Reading Rockets: Models of Reading

Reading Rockets: What is the Alphabetic Principle?

Science of Reading Defining Guide

Shanahan on Literacy The Six Shifts.com Maryanne Wolf

The Science of Reading Comprehension Instruction - Duke, Ward & Pearson



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