

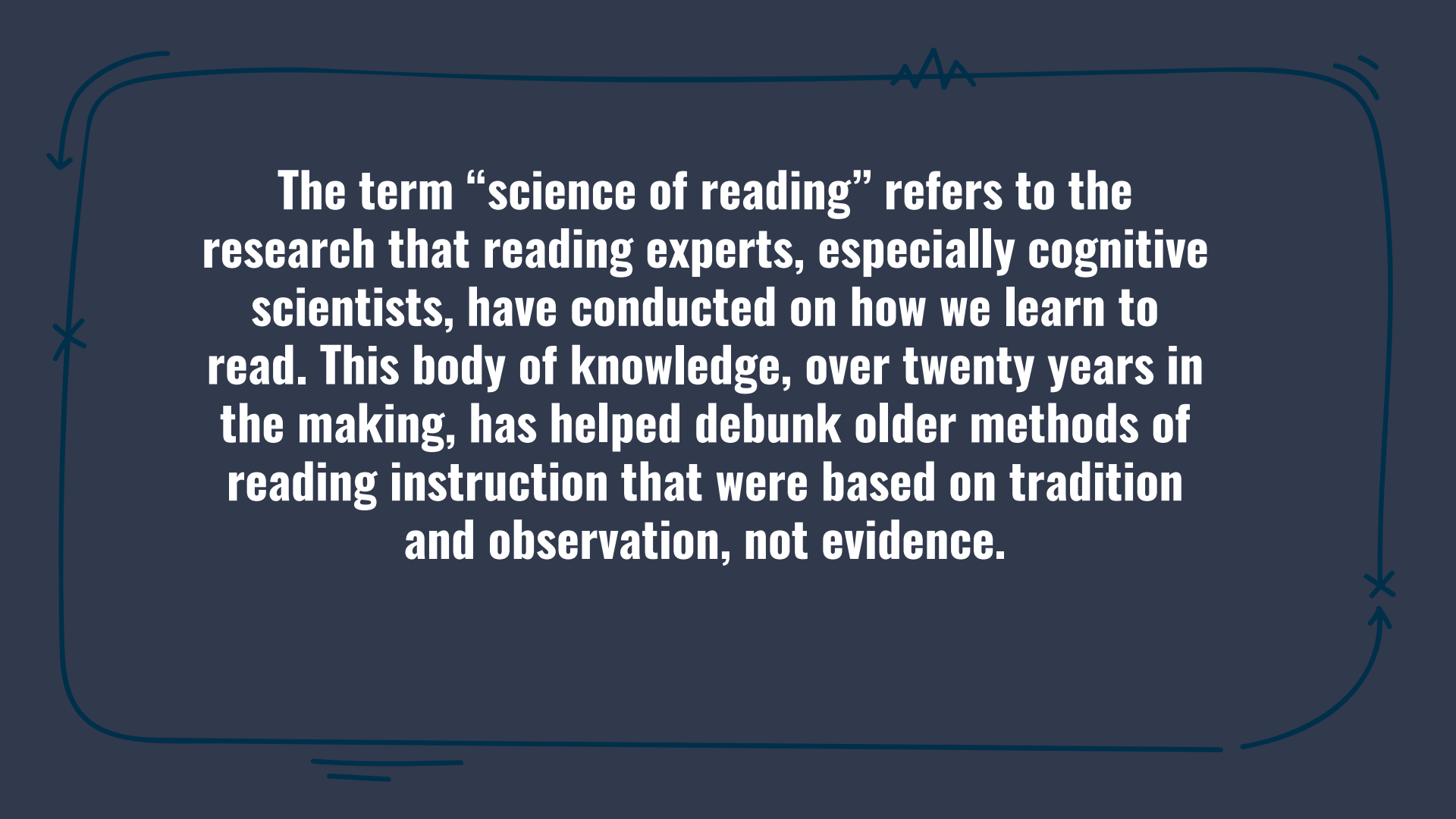


**Making sense of the Science of Reading  
Literacy Discussion**

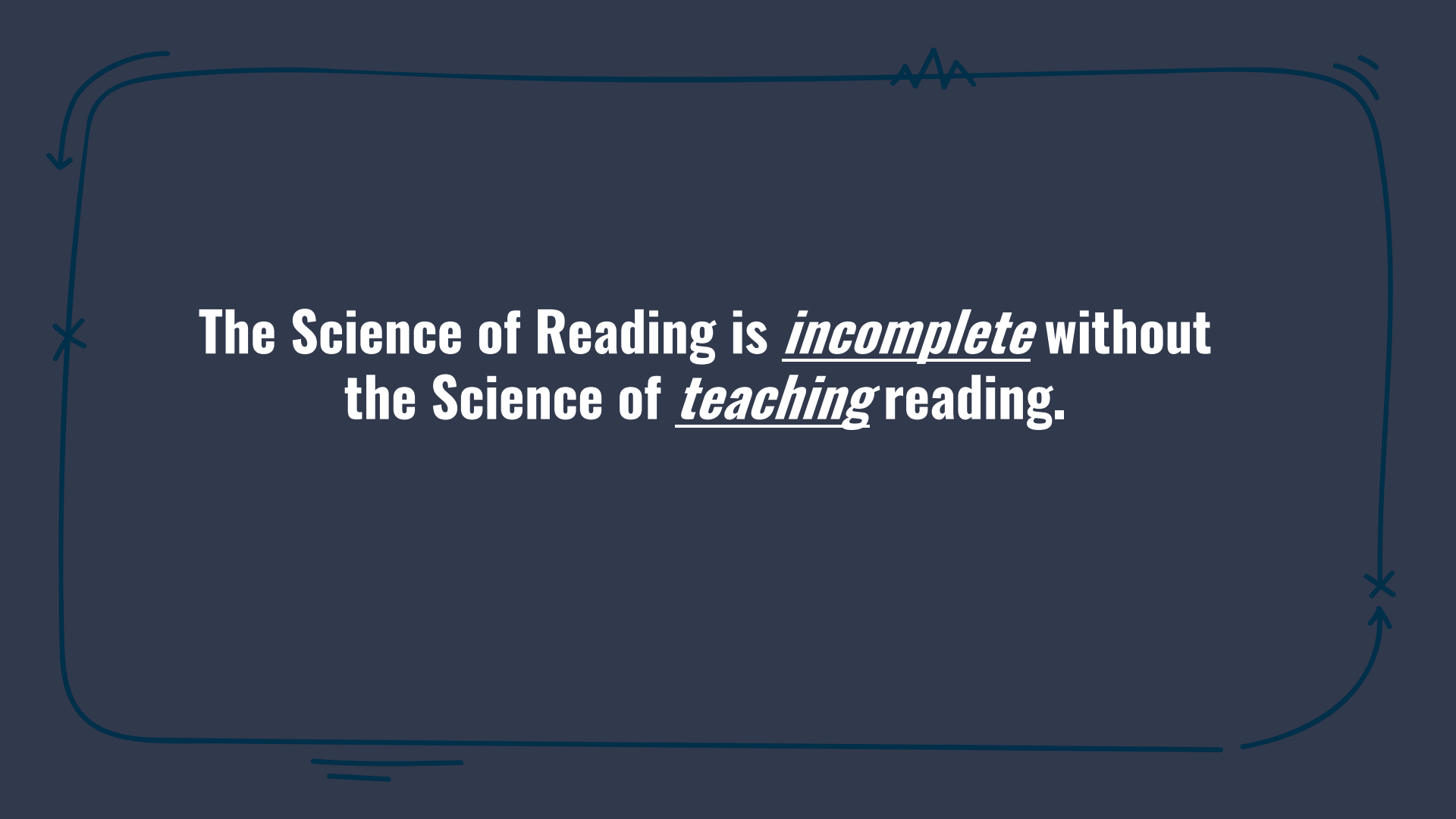
**Worthington Schools Board of Education Meeting**

**Steven M . Griffin M.A. CCC-SLP**

**Language Arts Coordinator**



**The term “science of reading” refers to the research that reading experts, especially cognitive scientists, have conducted on how we learn to read. This body of knowledge, over twenty years in the making, has helped debunk older methods of reading instruction that were based on tradition and observation, not evidence.**



**The Science of Reading is incomplete without  
the Science of teaching reading.**





Activity Time



# Orthographic Mapping

**Orthographic mapping is the mental process we use to permanently store words for immediate, effortless retrieval.**

# Simple View of Reading



- The ability to transform print into spoken language

- The ability to understand spoken language

- Gough, 1986



# Science of Reading?

Phonemic Awareness



Word Analysis/Meaning

Visual

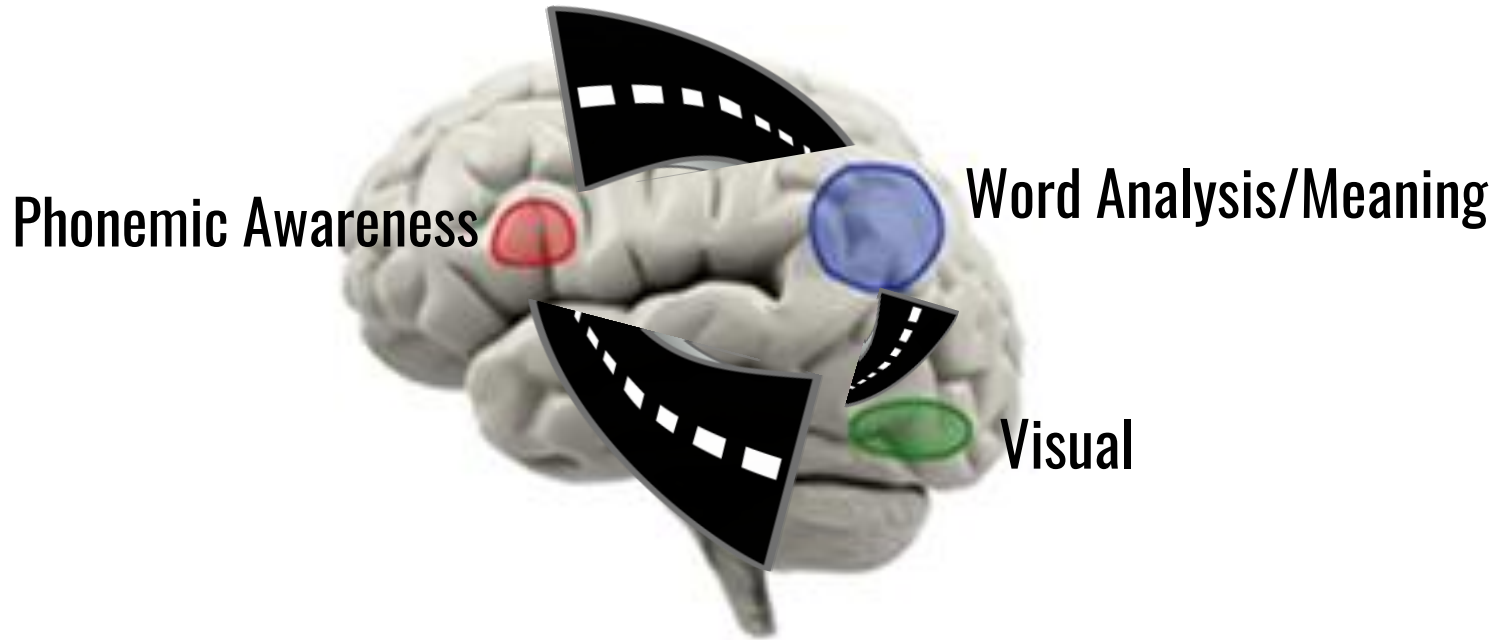


# Struggling Reader/At-Risk/Dyslexic





# Triggering of Orthographic Mapping



Phonemic Awareness

Word Analysis/Meaning

Visual

# Simple View of Reading



- The ability to transform print into spoken language

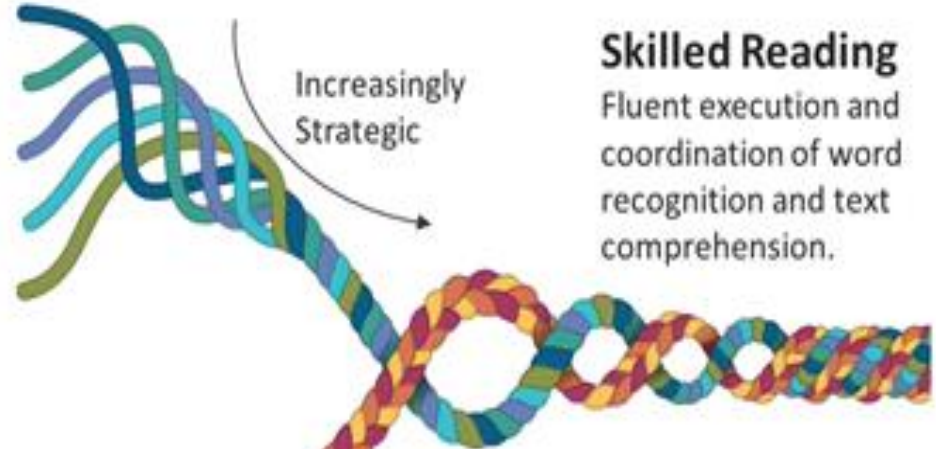
- The ability to understand spoken language

- Gough, 1986

# SCARBOROUGH'S ROPE

## Language Comprehension

- Background Knowledge
- Vocabulary Knowledge
- Language Structures
- Verbal Reasoning
- Literacy Knowledge



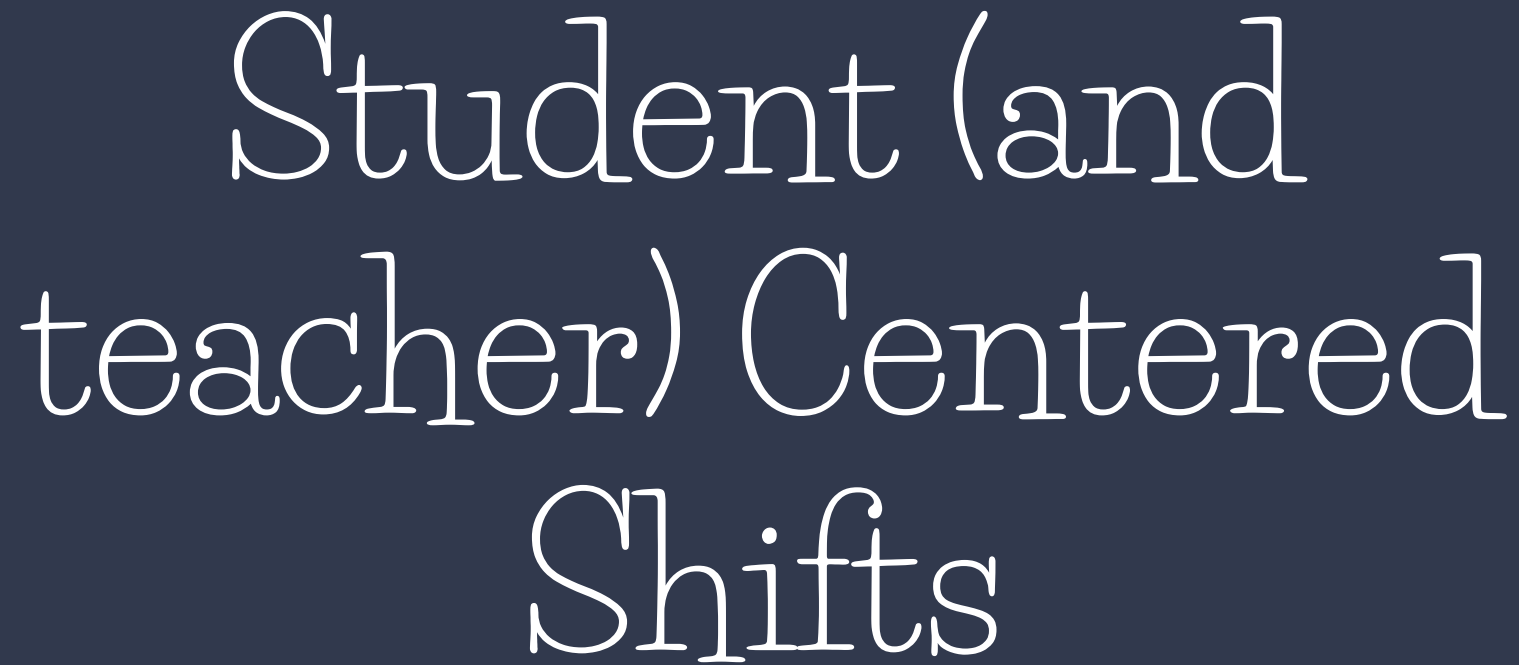
**Skilled Reading**  
Fluent execution and coordination of word recognition and text comprehension.

## Word Recognition

- Phonological Awareness
- Decoding (and Spelling)
- Sight Recognition



Scarborough, H. 2001. Connecting early language and literacy to later reading (dis)abilities: Evidence, theory, and practice. Pp. 97-110 in S. B. Neuman & D. K. Dickinson (Eds.) *Handbook of Early Literacy*. NY: Guilford Press.



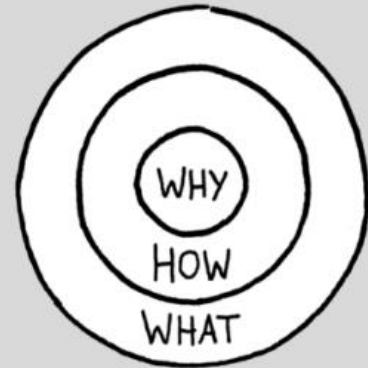
Student (and  
teacher) Centered  
Shifts

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# Shift #1: A focus on the why!

- July Principal & Coach Training
- August Building Retreats
- November 2nd Professional Development Day





# Shift #2: Data

- What data do we need?
- How quickly can we get it?
- Streamlined ELA assessment calendar

**Worthington K-5 Literacy Assessment Calendar 2021-2022**  
**First Trimester August 18- November 10**

Grade Cards: November 17      Conferences: October 11-14

Grade	Assessment & Expectations	Window	Submit Data	Purpose
K	KRA Literacy & Language Portion (Students enrolling through November 1 must be assessed with KRA)	August 18- September 30	October 25 - KRA online system	State Requirement 899K
	KRA Math, Social Foundation, Physical Well-Being and Motor Development (Students enrolling through November 1 must be assessed with KRA)	August 18- October 25	Oct. 25 - KRA online system	State Requirement
	<u>Letter ID &amp; Letter Sounds</u>	August 18- Ongoing	N/A	Instructional
	<u>Writing Diagnostic</u>	October 1- November 10	November 10 - Principal Guidance	Instructional
*You used to see assessments such as the word list assessments, concepts of print and sentence dictation noted on this calendar. These assessments are still available for use, trusting your professional judgement on their use to meet classroom and student instructional needs.				
First	Measures of Academic Progress (MAP): Reading	August 23- September 30	N/A	Instructional State Requirement 899K
	Acadience Reading - All students <ul style="list-style-type: none"> <li>• Letter Naming Fluency (LNF)</li> <li>• Phoneme Segmentation Fluency (PSF)</li> <li>• Nonsense Word Fluency (NWF)               <ul style="list-style-type: none"> <li>◦ Correct Letter Sounds (CLS)</li> <li>◦ Whole Words Read (WWR)</li> </ul> </li> </ul>	August 23- September 30	October 1 - Acadience Database	Instructional
	Benchmark Assessment System (BAS) - All students	August 23- November 10	November 10 - Principal Guidance	Instructional
	<u>Writing Diagnostic</u>	October 1- November 10	November 10 - Principal Guidance	Instructional
	* You used to see assessments such as the word list assessments, concepts of print, sentence dictation and word spire noted on this calendar. These assessments are still available for use, trusting your professional judgement on their use to meet classroom and student instructional needs.			
Second	Measures of Academic Progress (MAP): Reading	August 23- September 30	N/A	Instructional State Requirement 899K
	Acadience Reading - All students <ul style="list-style-type: none"> <li>• Nonsense Word Fluency (NWF)               <ul style="list-style-type: none"> <li>◦ Correct Letter Sounds (CLS)</li> <li>◦ Whole Words Read (WWR)</li> </ul> </li> <li>• Oral Reading Fluency (ORF)               <ul style="list-style-type: none"> <li>◦ Word Read Correct (WRC)</li> <li>◦ Accuracy</li> </ul> </li> </ul>	August 18- September 30	October 1 - Acadience Database	Instructional
	Benchmark Assessment System (BAS) - All students	August 23- November 10	November 10 - Principal Guidance	Instructional
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# Shift #3: Alignment

- Core Curriculum
- Tier 2 Intervention
- Tier 3 Intervention







## Shift #4: MTSS

- Multidisciplinary team meetings
- Transition planning
- Talking points for schools, admin, teachers and parents regarding dyslexia

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TEACHERS MAKE MORE MINUTE  
BY MINUTE DECISIONS THAN  
BRAIN  
SURGEONS...AND THAT  
IS WHY YOU'RE GOING HOME  
SO EXHAUSTED EACH DAY.

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--DR. TINA BOOGREN



# Dyslexia Protocol

- Universally screen three times a year
- Goal: Provide early access to structured literacy
- Careful progress monitoring
- Multidisciplinary decision making



# Questions?

**Contact: Steve Griffin**

**ELA/Literacy Coordinator**

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**614-450-6077**

**Worthington City Schools**