


Each Child Our Future

Fluency – Connecting Decoding to Comprehension




Building Bridges for Educators: The Heart of the Matter
August 2022

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Objectives – Participants Will:

- **Review** the components of reading that allow for reading fluency.
- **Discover** why teaching **fluency** is critical for achieving reading comprehension.
- **Identify** how to assess reading fluency and plan for instruction.



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So That...

all students, including those that struggle, will have opportunity to acquire and be capable of using essential language and cognitive skills necessary for making meaning of text.

Nancy Hennessy, Plain Talk 2020

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Why? Ohio's Language and Literacy Vision

Vision Statement: Ohio's vision is for **all learners** to acquire the knowledge and skills to become **proficient readers**.

The Ohio Department of Education and its partners view **language and literacy acquisition** and achievement as **foundational knowledge** that supports student success. To increase learner's language and literacy achievement, the Department is urging districts and schools to use evidence-based systems and high-quality instruction, select high-quality instructional materials and employ culturally responsive practices.

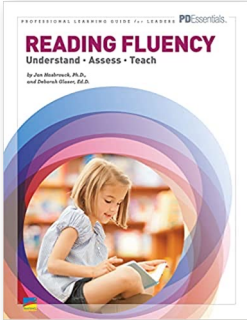
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Resources to Read – Fluency

Jan Hasbrouck &
Deborah Glasser

Reading Fluency:
Understand,
Assess, Teach






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What is fluency?

Review the components of reading that allow for reading fluency.

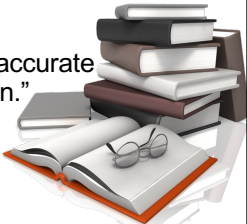


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Reading Fluency

We define **fluency** as:

- Reasonably accurate** reading,
- at an appropriate **rate**,
- with suitable **expression**, that leads to accurate and deep comprehension and motivation.”



Jan Hasbrouck, 2020 (Reading Fast or Reading Well)





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Poll: Accurate Reading

When we refer to reasonably accurate, what is the minimum percent of accuracy in decoding that will lead to reading comprehension?

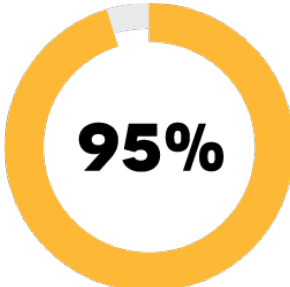
- A. 75%
- B. 80%
- C. 85%
- D. 90%
- E. 95%





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What Is Reasonably Accurate?



- Reasonably accurate is at least 95%, the minimum for comprehension
- Ideally, 95-98% accuracy the goal for comprehension.

Jan Hasbrouck, Reading Fluency: Essential for Reading Comprehension, Georgia IDA, January 2022

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The Simple View of Reading

The Simple View of Reading


Word Recognition
The ability to transform print into spoken language

×

Language Comprehension
The ability to understand spoken language

=

Reading Comprehension



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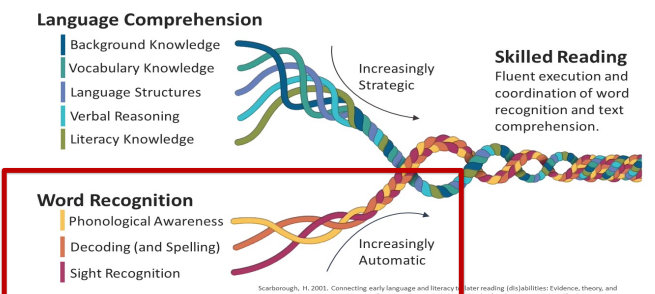
Scarborough's Rope

Language Comprehension

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

Word Recognition

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



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

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.

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Fluency Instruction

A


accuracy
automaticity
access meaning

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From Fluency to Comprehension

Discover why teaching **fluency** is critical for achieving reading comprehension.




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Comprehension is an OUTCOME

Comprehension occurs when the student:

- Can **read the words accurately and fluently**
- Understands the **meaning of the words**
- Has adequate **background knowledge**
- Focuses attention on **critical content**



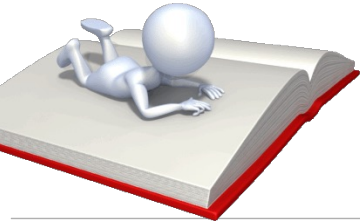
(Anita Archer, 2020; Nagy, Anderson, 1984)






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#EachChildOurFuture
 In Ohio, each child is *challenged, prepared and empowered.*

Reads the Words Accurately and Fluently



- WHY? “Cognitive science has shown beyond doubt that **fluent, accurate word recognition** is a hallmark of skilled reading with comprehension (Adams, 1990; Rayner et al., 2001)

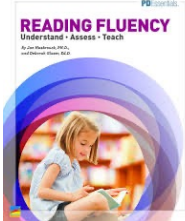





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Role of Reading Fluency

- **ACCURACY:** Comprehension is limited by inaccurate reading (below 95%).
- **RATE:** Comprehension is limited by inefficient, slow, laborious reading or reading too fast.

Lack of fluency = lack of motivation = fewer words read = smaller vocabulary = limited comprehension (self-perpetuating)

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Fluency is the Link

Hasbrouck and Hougen, 2020 in Fundamentals of Literacy Instruction and Assessment Prek – 6.

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Fluency Supports Comprehension

- Fluency is only important as a support for comprehension and motivated reading.
- ALL aspects of fluency should be connected to comprehension
 - Assessment
 - Instruction

Jan Hasbrouck, Reading Fluency: Essential for Reading Comprehension, Georgia IDA, January 2022

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Resources to Watch and Share – Fluency

Jan Hasbrouck & Georgia IDA

[Reading Fluency: Essential for Reading Comprehension](#)

<https://www.youtube.com/watch?v=nl0Airsy3hQ&t=1222s>

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Assessing Fluency for Comprehension

Identify how to assess reading fluency and plan for instruction.


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Why Measure Oral Reading Fluency?

Students who **read aloud with appropriate speed, accuracy, and expression** (i.e., students who have oral reading fluency) are more likely to **comprehend connected text** (Sabatini, Wang, and O'Reilly 2019) because they are able to **conserve cognitive resources** that can be applied to the **comprehension** of meaning (Perfetti 2007).

- NAEP Oral Reading Fluency Study, 2018




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Why Measure Oral Reading Fluency?

Thus, **oral reading fluency** is a **reliable** and **easily accessible** indicator of overall reading competence—and a strong marker of progress in learning to read (Fuchs et al. 2001)—and its assessment has become one of the **primary means of determining which elementary school students are on track** toward meeting state reading standards and which students would benefit from additional services and intervention (McGlinchey and Hixson 2004; Reschly et al. 2009).

- NAEP Oral Reading Fluency Study, 2018





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Poll: Fluency Assessment

What is the most efficient, valid, and reliable assessment of reading fluency?

- A. ORF – Oral Reading Fluency CBM
- B. Running Record
- C. MAZE CBM
- D. Silent Reading Measure With Comprehension Questions

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Oral Reading Fluency

- **One** Assessment
- **Two** Minutes to Administer
- **Three** Scores
 - Accuracy
 - Fluency
 - Retell


ORF

It's as easy as...

1

2


3



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Oral Reading Fluency Measures

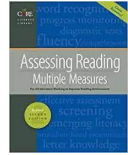
- **Curriculum Based Measure**
- Efficient
- Valid
- Reliable
- Can be a **screener, diagnostic** (helpful to plan interventions), and a **progress monitor tool** (measure the success of the interventions).




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Where Can I Get ORF Assessments?

- [Acadience –FREE](#) 
- [Aimsweb Plus](#)
- [Core Assessing Reading Multiple Measures](#)
- [ORF Passage Generator \(Intervention Central\)](#)






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Hasbrouck and Tindal Fluency Norms

<https://www.readingrockets.org/article/fluency-norms-chart-2017-update>
<https://acadiencelearning.org/acadience-reading-materials-download/>

Grade	%ile	Fall WCPM*	Winter WCPM*	Spring WCPM*
3	90	134	161	166
	75	104	137	139
	50	83	97	112
	25	59	79	91
	10	40	62	63
4	90	153	168	184
	75	125	143	160
	50	94	120	133
	25	75	95	105
	10	60	71	83
5	90	179	183	195
	75	153	160	169
	50	121	133	146
	25	87	109	119
	10	64	84	102




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Poll: Fluency Assessment

When measuring fluency, reading fast is important.

A. true

B. false





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The Canary in the Coal Mine

The WCPM procedure just described is an extremely time-efficient and reliable way to track students' fluency — *and their overall reading ability.*

Its validity and reliability have been well established in a body of research extending over the past 25 years (Fuchs et al., 2001; Shinn, 1998).



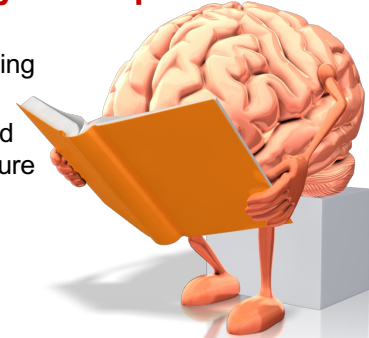
<http://www.ledonline.org/article/27091/>

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Oral Reading Fluency & Comprehension

- ORF Measures are a strong predictor and indicator of reading comprehension.
- Correlations between ORF and reading comprehension measure as high as .91

Fuchs, et al., 1988, 2001



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How to Teach Fluency

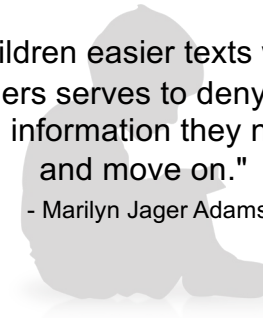
- Oral reading, with teacher guidance, modeling, and immediate feedback is critical
 - Repeated readings of texts
 - Independent silent reading is NOT sufficient to improve fluency
 - Challenging passages with support and monitoring
- NICHHD, 2000 & Hasbrouck, 2016

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Why Use Complex Texts?

"Giving children easier texts when they're weaker readers serves to deny them the very language and information they need to catch up and move on."

- Marilyn Jager Adams



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Say, Spin Write

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Heart Word(s) & Vocab

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Vocabulary Review

Regardless

Not listening or looking, without paying attention to the situation (adverb)

Turn and Talk - "Regardless of what _____ said, I _____."

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Chapter Three

Pearl was so mad she ran from the kingdom. She ran until her legs hurt and her lungs burned. When she stopped to rest she spotted the words "Mervin the Wizard DO NOT DISTURB," printed on a fir tree.

Pearl smirked, "A wizard..." She rapped her hand on the trunk of the fir tree. Pearl heard a man yell, "NO VISITORS!" Pearl, being Pearl, went in regardless.

[Pearl Learns a Lesson](#)

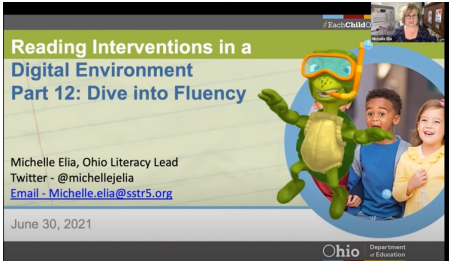
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Resources to Watch and Share – Fluency

ODE Reading Interventions In a Digital Environment

[Deep Dive Into Fluency](#)



Michelle Elia, Ohio Literacy Lead
 Twitter - @michellejelia
 Email - Michelle.elia@sstr5.org
 June 30, 2021

<https://www.youtube.com/watch?v=8ev4p2-Fvc>


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Poll: Impact on Reading

Which of the following leads to the greatest reading gains, according to the National Reading Panel?

- a. Silent reading
- b. Oral reading without teacher corrective feedback
- c. Oral reading with some teacher corrective feedback
- d. Oral reading with corrective teacher feedback of every incorrect word



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Questions or Comments?

Email Michelle Elia
 Ohio Literacy Lead
 Michelle.elia@sstr5.org



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Share your learning community with us!

#MyOhioClassroom



Celebrate educators!

#OhioLovesTeachers

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