



# Literacy Update

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BOE Presentation

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# What is the Science of Reading (SOR)?

The Science of Reading refers to 50+ years of interdisciplinary research that documents and describes how children develop reading and writing skills and competencies and the principles and practices for research-based instructional design and opportunities to learn. SOR is not a single approach or entity. It refers to a large, diverse body of evidence that should be used to inform curriculum and pedagogy (NYSED 2024).

[University of Florida Literacy Institute video](#)

# The Big Six:

## Skills and competencies

### Vocabulary

A student's internal dictionary, it is comprised of words and their meanings

### Oral Language

Includes speaking and listening, providing the foundation for written language

### Phonological Awareness

An awareness of speech sounds whereas phonemic awareness is the ability to identify and manipulate sounds



### Fluency

The ability to read connected text with accuracy, expression, and at an appropriate rate

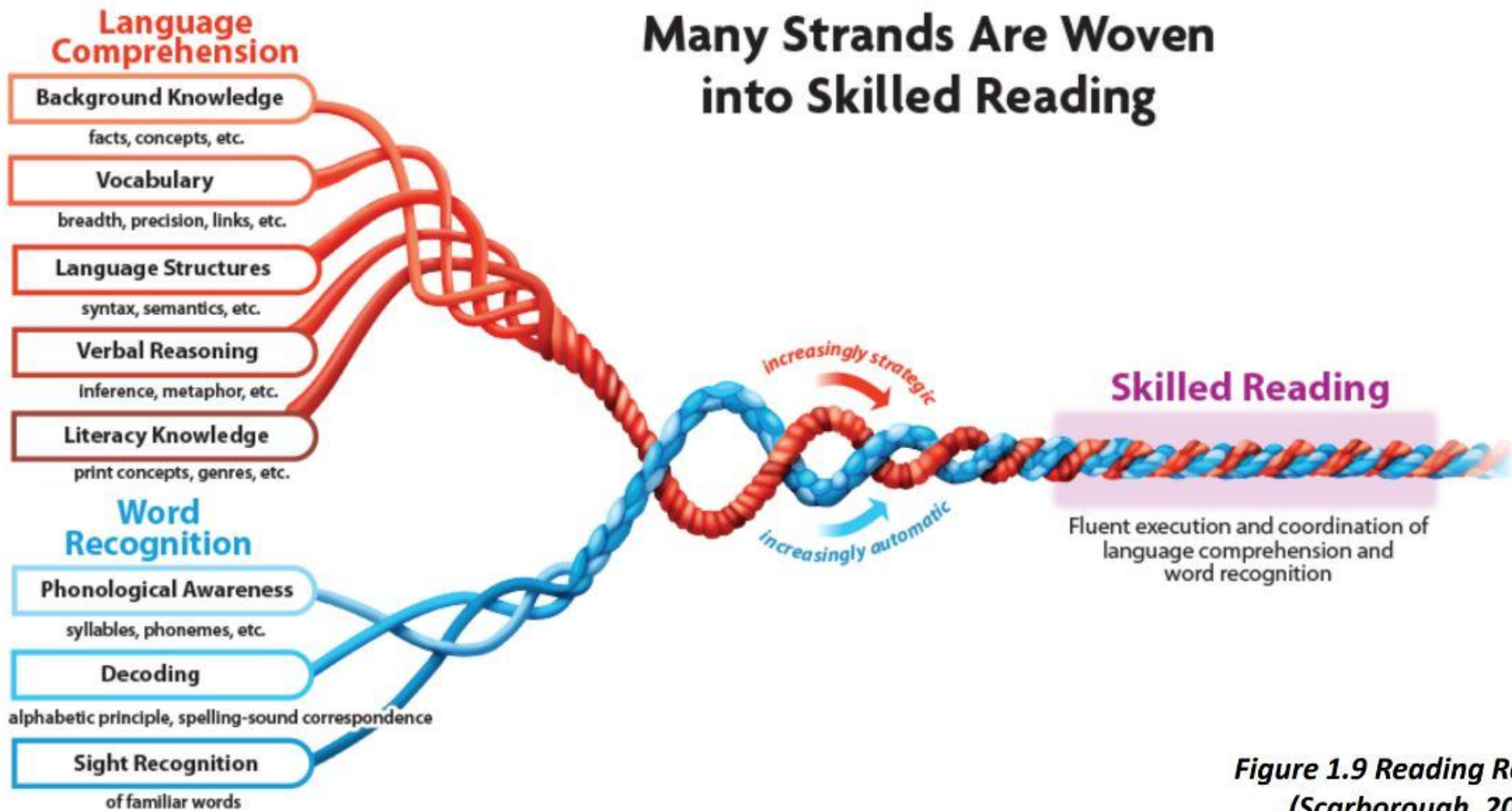
### Phonics

An instructional method that involves systematically matching sounds with the letters that represent the sounds

### Comprehension

The complex process and ultimate goal of reading that involves constructing meaning from and interpreting texts

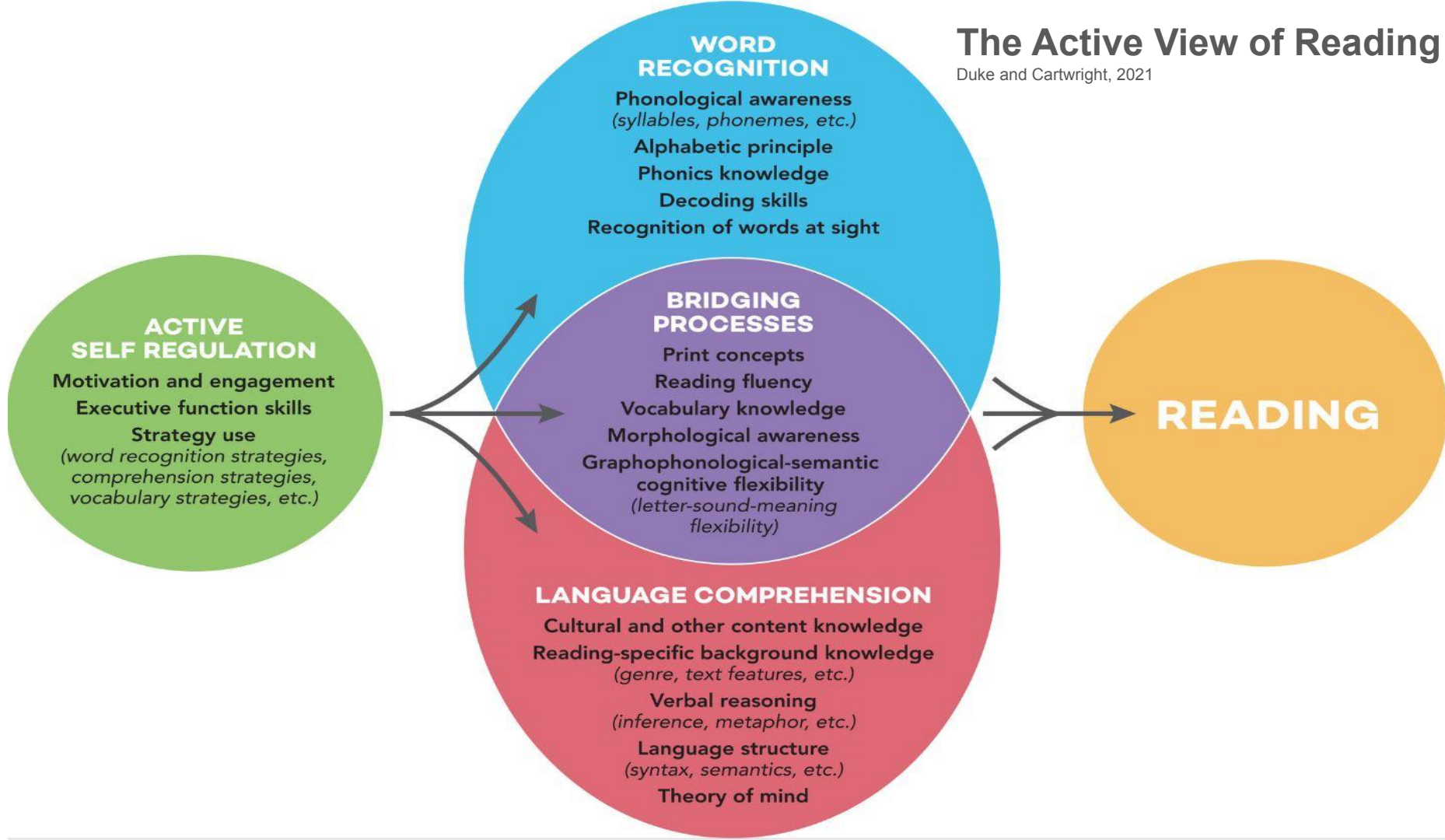
# Many Strands Are Woven into Skilled Reading



*Figure 1.9 Reading Rope  
(Scarborough, 2001)*

# The Active View of Reading

Duke and Cartwright, 2021



# What direction has NYSED provided?



[Link to NYSED](#)

[Literacy Briefs](#)



ROADMAP

## THE SCIENCE OF READING: A BRIEFS SERIES

Part of the New York State Literacy Initiative

Understanding the Science of Reading

Implementing the Science of Reading

The Science of Reading: Key Ideas and Myths  
Briefs 1+2

What is the Science of Reading?

The Reading-Writing Relationship  
Brief 3

How does writing connect to the Science of Reading?

### The Science of Reading in Today's Schools and Classrooms

PreK Years  
Brief 4

Elementary Years  
Brief 5

Secondary Years  
Brief 6

What does the Science of Reading look and feel like at the PreK, elementary, and secondary level?

The Science of Reading: Leadership Strategies and Systems  
Leading for Literacy  
Brief 7

How can we lead for the Science of Reading in districts, schools, and classrooms?

Throughline 1: Developing the "Big 6" through High-Impact Practices

Throughline 2: School and Classroom Structures and Processes to Ensure Access for All



# Where do we find SOR in our curricula and instruction?

- Revised K-2 Units of Study - Supporting Research for new TC Units of Study
- 3-6 focus (as grade and skill appropriate) on phonemic awareness, phonics, word-study, and spelling in addition to the grades 3-6 Reading and Writing Units of Study
- Multisensory structured literacy programs including Wilson and Orton-Gillingham

# What about Governor Hochul's announcement earlier this year?



- Governor Hochul will propose legislation to ensure evidence-based best practices are used in schools throughout New York
- To help students and support teachers, a \$10 million state investment will train 20,000 teachers in “Science of Reading” instruction
- SUNY and CUNY Microcredential Program for teachers will expand to ensure the next generation of educators utilize evidence-based best practices





## Next steps towards teacher and student growth:

- Continue to support teacher cohorts as they complete certification in Wilson and Orton-Gillingham
- Continue to support staff in obtaining the SUNY New Paltz Science of Reading Fundamentals Microcredential and other professional learning around the Science of Reading
- Utilize the NYSED Literacy briefs to audit our curricula and instruction K-12
- Refine our MTSS process to address student learning needs with increased precision



**Questions?**