

Termir	nology woes	
	Structured Literacy Science of Reading	and what about synthetic phonics?
Steps	Structured Literac stepsweb	

# What is 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. This research has been conducted over the last five decades across the world, and it is derived from thousands of studies conducted in multiple languages."

### What is the Science of Reading?

"The Science of Reading has culminated in a preponderance of evidence to inform how proficient reading and writing develop; why some have difficulty; and how we can most effectively assess and teach and, therefore, improve student outcomes through prevention of, and intervention for, reading difficulties."





Structured Literacy Introduction

### So what is Structured Literacy?

**Structured Literacy** - a trademarked term owned by the International Dyslexia Association.

"An approach grounded in the Science of Reading."

A specific methodology – not the research itself.



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### **What about Synthetic Phonics?**

**Synthetic Phonics** – officially means identifying the individual sounds and blending them together (synthesizing them)

Recommended by the **National Reading Panel** (USA) in 2000 – called systematic phonics.

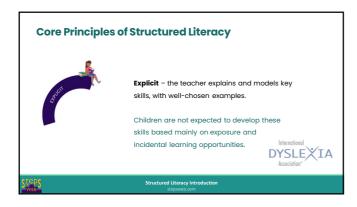
Absolutely consistent with **Structured Literacy**, but doesn't include emphasis on syllable rules.

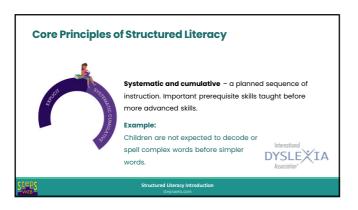


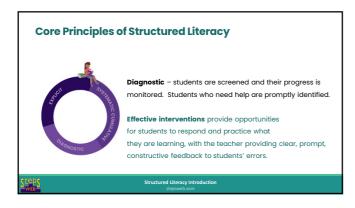
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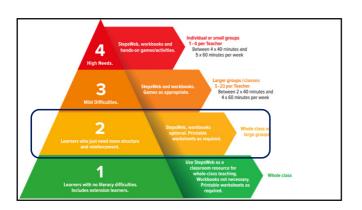
# What's in a name? Structured Literacy - A specific methodology Science of Reading - Underpinning research

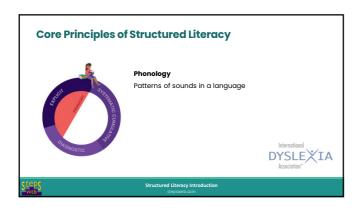


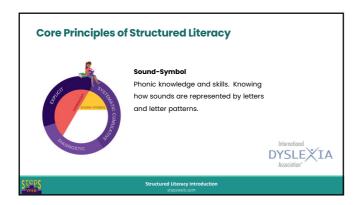


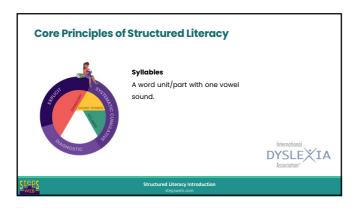


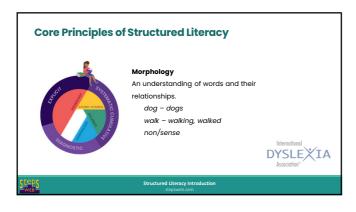
### Assessments are used to help target specific skills that need to be addressed for individual students. Interventions should be appropriately intensive, with a greater level of intensity (i.e. smaller group size, more time) for children who are further behind.

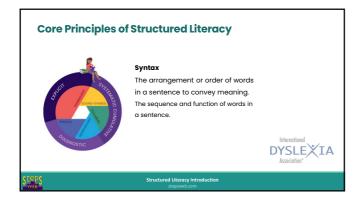


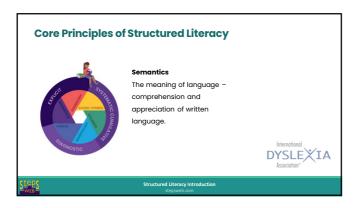












### How should this work out in practice?

Teachers avoid introducing confusable phonic elements simultaneously.

### **Examples:**

b/p sh/ch

Multiple short vowel sounds

Multiple ways of representing the same sound: ea/ee/ie/ey/e-e





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### How should this work out in practice?

Teachers avoid introducing confusable phonic elements simultaneously.

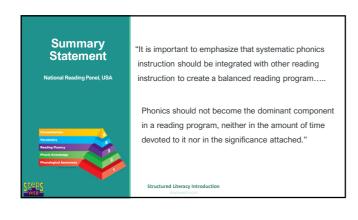
Children also have ample opportunities to apply their developing skills in reading texts they are capable of decoding and comprehending.



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### Cognitive Load Theory

Sweller, J., 1988

Cognitive Load Theory – learners can absorb and retain information effectively only if it is provided in such a way that it does not 'overload' their mental capacity.



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### **Cognitive Load Theory**

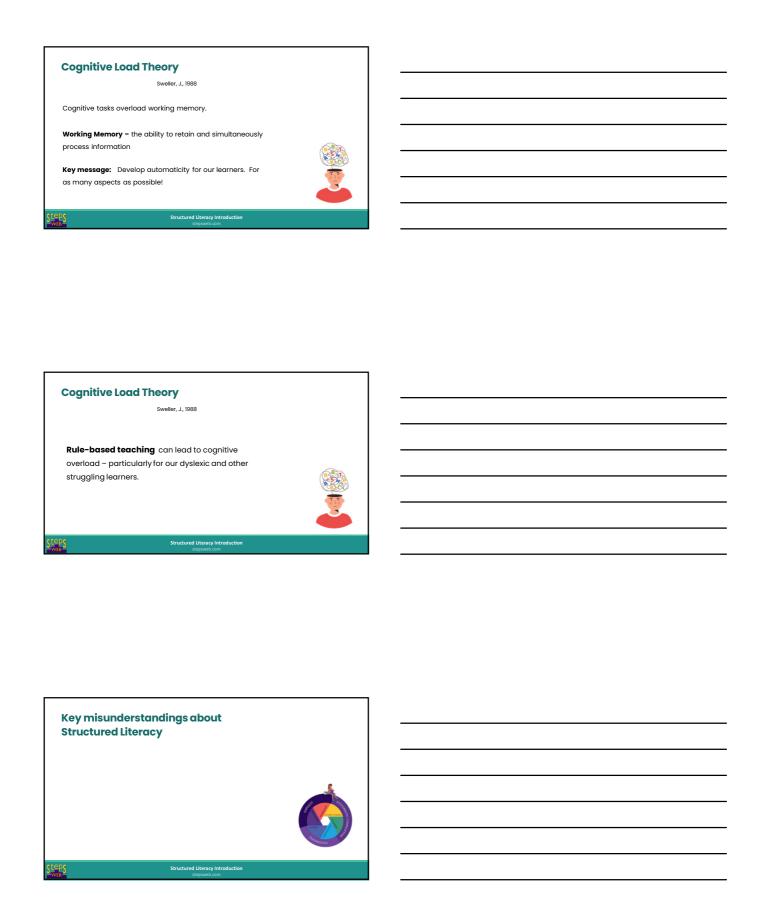
Sweller, J., 1988

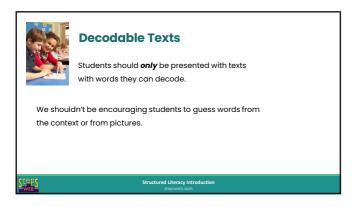
 $\begin{tabular}{ll} \textbf{Key principle:} & You can't do two 'cognitive tasks' at the same time. \end{tabular}$ 

**Cognitive** = something you need to think about.

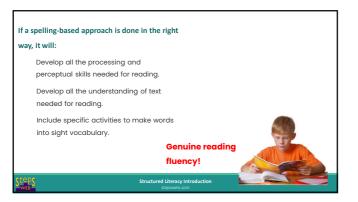


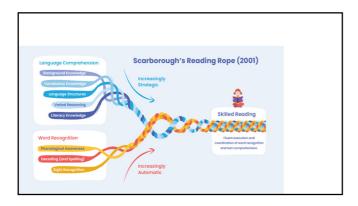
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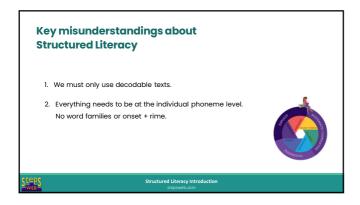


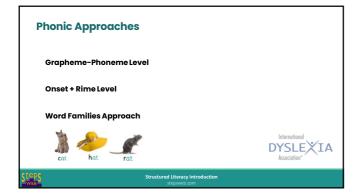


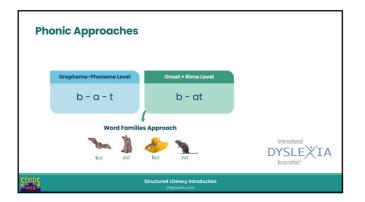


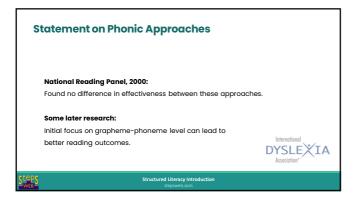
### Questions which arise: A structured phonics-based literacy approach needs to include decoding words in context. BUT: Be aware that you're only targeting the 'mechanical' phonic aspects – not the 'intellectual' ones. Don't do too much – or make this their only experience of books.

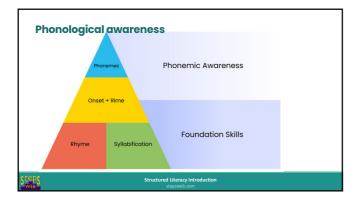
# So how do we develop decoding? Some decodable texts – certainly! Decoding skills and knowledge can effectively be taught through spelling activities, literacy games and activities.

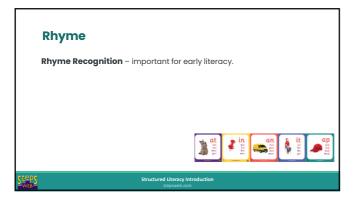


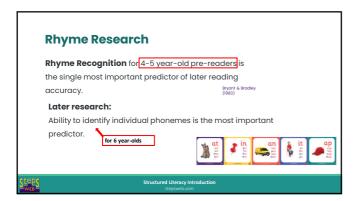


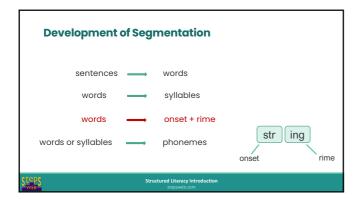


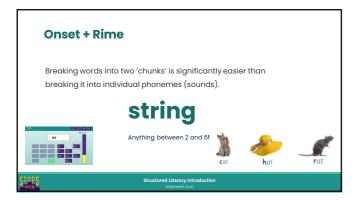


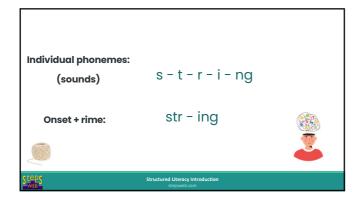


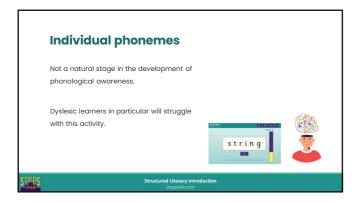


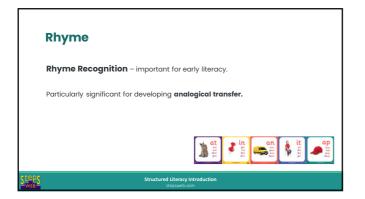


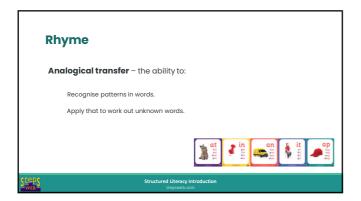




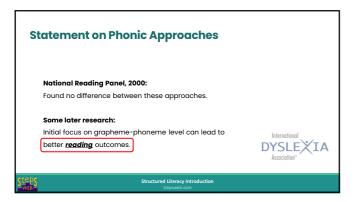


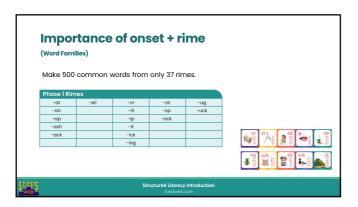


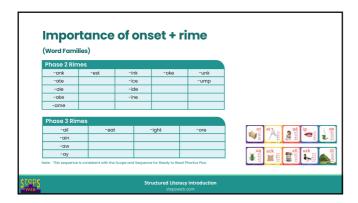


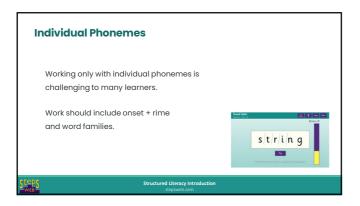












### Key misunderstandings about Structured Literacy

- 1. We must only use decodable texts.
- 2. Everything needs to be at the individual phoneme level.

  No word families or onset + rime.
- 3. We need to teach syllable rules.





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### **Syllabification**

**Auditory Syllabification** – the ability to break spoken words into 'chunks'.

### rember

**Syllabification Rules** – how to break written words into syllables

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### Auditory Syllabification



The ability to hear the beats (syllables) in a word.

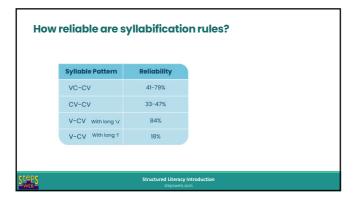
### Easy way to teach it:

Hold your hand under your chin and say the word.

The number of times your chin touches your hand is the number of syllables.

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Syllabification Rules	
Six Types of Syllable Closed syllables Open syllables Silent 'e' Vowel pair R-controlled -le ending	
SUPPS Structured Literacy Introduction stropweb.com	
Cognitive Load Theory  Sweller, J., 1988  Rule-based teaching can lead to cognitive overload – particularly for our dyslexic and other	
struggling learners.  Structured Literacy Introduction Stepsneth.com	
How reliable are syllabification rules?	
"Does English have Useful Syllable Division Patterns?" (Reading Research Quarterly, 2020)	
<b>Devin Kearns, PhD</b> Associate Professor at University of Connecticut	
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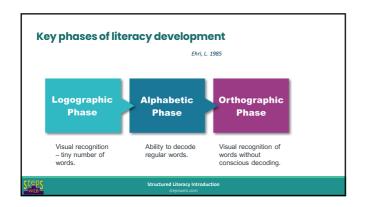


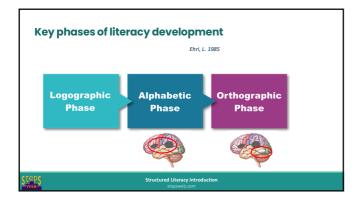
# How effective is it to teach syllabification rules? Those approaches that taught rigid spelling rules for syllabification didn't improve reading.

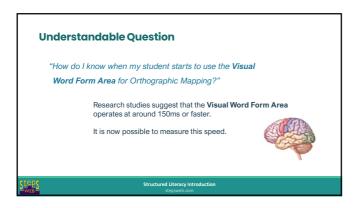
## Key misunderstandings about Structured Literacy 1. We must only use decodable texts. 2. Everything needs to be at the individual phoneme level. No word families or onset + rime. 3. We need to teach syllable rules. 4. We shouldn't teach sight vocabulary any more.

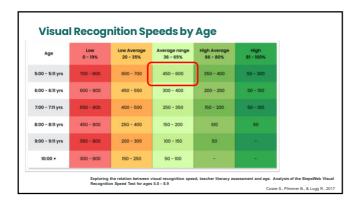
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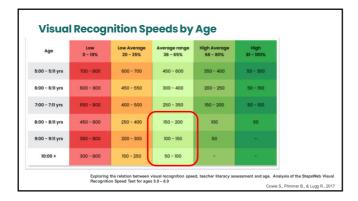
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What are sight words, exactly?		
High frequency words which are irregular or not yet decodable.		
was		
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		_
What are sight words, exactly?		-
High frequency words which are irregular or not yet decodable.		
Those words which have been orthographically		
mapped to the Visual Word Form Area, so they no		
longer need to be decoded.  They can now be instantly recognised without	1720	
conscious decoding.		
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11.00 Supplement		
		1
Why are eight words increased?		
Why are sight words important?		
By definition, they're common words which will be met frequently		
in the early stages.		
The more words which can be instantly visually		
recognised, the quicker the reader will make that	of Cyn	
transition to being a fluent reader.		
	"	
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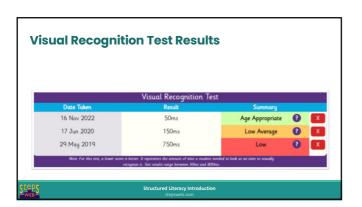


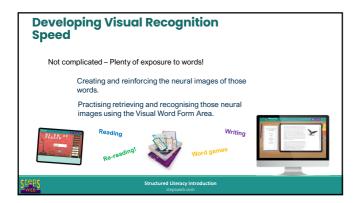


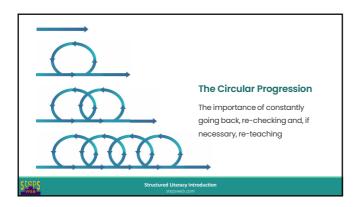


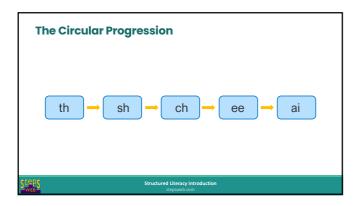


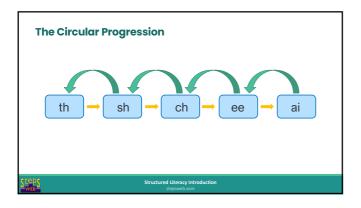


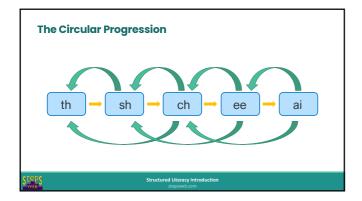


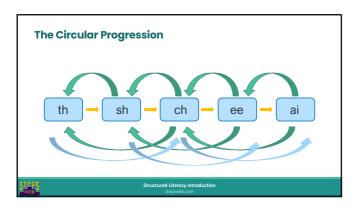


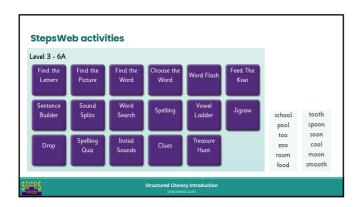




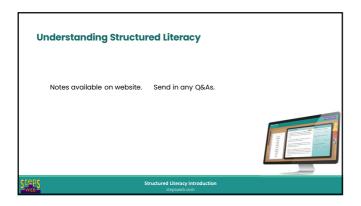


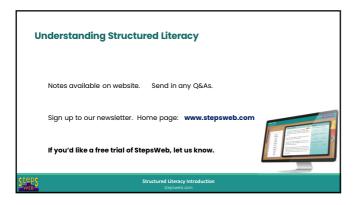
















	Useful Links	
	StepsWeb Introductory Video	
	StepsWeb for all your learners	ros@stepsweb.com
	StepsWeb for your struggling learners	юздатеряневісоні
	Instant Visual Recognition and Reading Fluency	
Steps	Structured Literacy Introduction stepsweb.com	