

Science of Reading online course pacing guide

Foundations to the Science of Reading



Developed by **Susan Lambert**

Chief Academic Officer, Elementary Humanities

Host of Science of Reading: The Podcast



Welcome

Welcome and thank you for participating in our Science of Reading: **Foundations to the Science of Reading** online course. Whether or not you use Amplify's programs, this self-paced, foundational course will empower you to begin your Science of Reading journey today. (And you'll have access to it for 12 months!)

This comprehensive, eight-module course is designed to provide you with a deep understanding of literacy development and the application of that knowledge to effective classroom practices. It will require approximately 20–25 hours to complete. As you move through modules, the lessons will engage you in:

- Research-based learning resources.
- Checks for understanding.
- Key activities and applications.
- Learning lectures facilitated by Susan Lambert, Chief Academic Officer, Elementary Humanities and host of Science of Reading: The Podcast.

The following guidance will support the management of your time and reflections as you work through the course at your own pace. The suggested pacing we've outlined here is structured to assist you in completing the course within your 12-month window of access.

Modules	Learning goals	Suggested pacing
Welcome! Course overview and introduction	<u>Watch the course introduction (3:53), featuring Susan Lambert</u>	Month 1
Module 1: Introduction to the Science of Reading	<u>Watch this brief introduction (2:59) to Module 1, featuring Susan Lambert</u>	Month 1
Lesson 1: What is the National Assessment of Educational Progress (NAEP) and what does it tell us about student reading proficiency?	• Define what the NAEP is and what it is not • Describe what the NAEP data tells us about reading proficiency	
Lesson 2: How can we understand reading proficiency using research-based models?	• Explain the neural processes involved in reading acquisition • Compare the relationship between the Simple View of Reading and the Reading Rope	
Lesson 3: What are the language systems that support reading and writing?	• Demonstrate an understanding of language domains • Describe how each domain of language supports reading and writing development	

Modules	Learning goals	Suggested pacing
Module 2: Contributions to literacy development	<u>Watch this brief introduction (2:20) to Module 2, featuring Susan Lambert</u>	Month 2
Lesson 1: What are the factors that influence reading and writing development?	- Explain how internal and external factors influence reading and writing development - Identify two linguistic/cognitive factors that predict literacy outcomes	
Lesson 2: What are the phases of reading and writing development?	Summarize how the phases of development connect to what we know about how the brain learns to read	
Lesson 3: Why is word-level reading so important to reading and writing proficiency?	- Understand the structure of English words - Identify why word-level reading is so important - Illustrate how word-level skills affect fluency, comprehension, and reading motivation	
Module 3: Elements of effective instruction	<u>Watch this brief introduction (2:54) to Module 3, featuring Susan Lambert</u>	Month 3
Lesson 1: What is the most effective way to structure teaching to ensure maximum learning outcomes?	- Explain the following terms in connection to classroom instruction: <i>explicit</i>, <i>systematic</i>, and <i>cumulative</i> - Illustrate how the terms <i>explicit</i>, <i>systematic</i>, and <i>cumulative</i> support evidence-based instruction	
Lesson 2: What are the differences among predictable, leveled, and decodable texts and what is the benefit of using decodable texts?	- Describe what the term <i>controlled text</i> means - Compare and contrast the key elements of leveled and decodable texts - Justify the use of decodable text in early reading instruction	
Lesson 3: Why is fluency an important part of skilled reading?	- Define the elements of fluency - Explain the importance of fluency in skilled reading - Determine what role accuracy reading has on fluent reading	

Modules	Learning goals	Suggested pacing
Module 4: Phonological and phonemic awareness	<u>Watch this brief introduction (2:59) to Module 4, featuring Susan Lambert</u>	Month 4
Lesson 1: What skills are needed to develop automatic word recognition?	Define and differentiate among phonological awareness, phonemic awareness, and phonics	
Lesson 2: What is the progression of skills that supports word recognition?	- Illustrate the common progression of phonological and phonemic awareness skills - Explain the significance of phonemic awareness in the process of learning to read	
Lesson 3: How are words put together?	- Understand and provide examples of the terms <i>grapheme</i>, <i>phoneme</i>, <i>syllable</i>, and <i>suffix</i> - Demonstrate an understanding of the relationship between reading and spelling	
Module 5: Vocabulary and text structures	<u>Watch this brief introduction (2:52) to Module 5, featuring Susan Lambert</u>	Month 5
Lesson 1: What is the process of vocabulary development, and what influence does it have on reading and writing proficiency?	- Explain the importance of vocabulary for reading comprehension and writing - Identify the factors that contribute to vocabulary acquisition and growth	
Lesson 2: How are different types of texts constructed?	Compare the features of narrative, informational, and persuasive texts	
Lesson 3: How are sentences constructed and what role do they play in comprehension processes?	- Explain the importance of sentence structures to reading comprehension and writing - Identify sentence structures that pose comprehension challenges	
Module 6: The Simple View of Writing	<u>Watch this brief introduction (3:12) to Module 6, featuring Susan Lambert</u>	Month 6
Lesson 1: What are the key elements of writing?	Identify and define the key elements of the Simple View of Writing	
Lesson 2: What are the connections among handwriting, spelling, and writing proficiency?	- Identify research-based principles for teaching transcription skills - Explain how transcription skills influence writing performance	
Lesson 3: What factors support writing comprehension?	- Identify research-based principles for teaching composition skills - Explain how the cognitive demands of writing influence writing performance	

Modules	Learning goals	Suggested pacing
Module 7: Reciprocal relationships and typical literacy development	<u>Watch this brief introduction (3:20) to Module 7, featuring Susan Lambert</u>	Month 7
Lesson 1: In what ways are literacy skills connected, and how can this connection be used to understand student skill levels?	Demonstrate an understanding of the reciprocal relationships among literacy skills	
Lesson 2: What is the typical developmental progression of literacy skills?	Demonstrate an understanding of the typical developmental progression of literacy skills	
Lesson 3: What should caregivers know about reading science?	Demonstrate an understanding of the core tenets of the Science of Reading	
Module 8: Literacy framework reprise	<u>Watch this brief introduction (2:49) to Module 8, featuring Susan Lambert</u>	Month 8
Lesson 1: What are the major characteristics of students' reading difficulties? How can we respect the privacy of each student?	- Using the Simple View of Reading model, describe the characteristics of the major types of reading difficulties - Understand the importance of respecting others' work and privacy	
Lesson 2: How does the relationship between word recognition and language comprehension change over time?	Using the Reading Rope, explain how the relationship between word recognition and language comprehension changes over time	
Lesson 3: How well did I learn the key concepts of this course?	Demonstrate learning of coursework	

Thank you!

At the conclusion of this course, you'll be prompted to complete the course capstone. Please be sure to submit your reflections to receive a certificate of course completion.

Unlock the world of literacy for your students.

Empower your students with the enchantment of literacy and unleash their boundless potential. **Contact us** to provide this course to your professional learning community or visit **myshop.amplify.com** to begin an independent study of the Science of Reading.

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