

Literacy in Learning



Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Literacy in Learning is designed to help NC teachers meet the standards and requirements of the North Carolina State Board of Education related to Literacy. Teachers will be taught ideas and techniques to present evidence-based assessment, diagnosis and intervention strategies for students who are not demonstrating reading proficiency, grounded in the Science of Reading.

This course encourages teachers in North Carolina make use of literacy-related activities, including evidence-based reading instruction practices that address the acquisition of language, phonological and phonemic awareness, phonics and spelling, fluency, vocabulary, oral language, and comprehension that can be differentiated to meet the needs of individual students.



Certificate of
Completion



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Literacy in Learning

Course Outline

SECTION A: Developing Cognition Skills

LESSON 1: Introduction

- Definition of cognitive skills and the barriers to successful learning
- Statistics on American students
- Five typical approaches prescribed for learning difficulties

LESSON 2: The Brain and Learning

- The brain structure and the latest techniques and technology in brain research
- Learning about what impacts brain development in a young child

LESSON 3: Testing

- IQ and achievement tests
- The importance of the right test to diagnose learning difficulties
- The connection between cognitive skills and learning
- Learning about several types of testing and how they can be used effectively

LESSON 4: Cognitive Skills

- The 2 parts of learning
- Why cognitive skills are foundational tools
- The various theories of learning
- Attention and memory and how these skills can be developed in students

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LESSON 5: Learning Styles

- Types of learning styles including visual, auditory, kinesthetic
- Learning styles inventory and its applications
- How learning styles impact teaching strategies and curriculum planning

LESSON 6: General Training Strategies

- Definition and symptoms of autism
- The autism spectrum and primary conditions within this spectrum
- Other similar conditions, including Rett's syndrome and Fragile X syndrome
- Primary management for autism
- Functioning of the brain in autism and the cause for deficits

LESSON 7: Reading Strategies

- Basic and critical reading skills
- Strategies to improve basic and critical skills
- Comprehension strategies
- The steps in reading
- Understanding the various reading approaches

LESSON 8: Special Conditions

- Specific cognitive issues in conditions such as ADHD, Dyslexia, PDD, Autism, and ODD
- Learning strategies for these conditions

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SECTION B: Early Reading Skills

LESSON 1: Language Development

- Stages of reading development
- The role of neuroscience in language development
- Reading wars and speech-language impairments
- Reading disorders and assessment for reading disorders

LESSON 2: Reading Disorders

- Growth mindset approach and “think-aloud” strategy
- Zone of proximal development (ZPD)
- Gradual release of responsibility
- Fostering early literacy at home and play & literacy

LESSON 3: Supporting Early Literacy Skills

- Purposeful conversations and vocabulary
- Academic vocabulary and narratives
- Phonological words and syllable awareness
- Rhyming, onset, rime, and phonemic awareness

LESSON 4: Phonics

- Letter-sound relations and keyword for each letter
- Word building and decoding words
- Letter tiles and elkonin boxes
- Sound-spelling patterns and encoding (spelling)

The Art and Science of Reading

Course Outline

SECTION C: Reading in Content Areas

LESSON 1: Reading Fundamentals

- What is reading comprehension
- Reading disorders
- Assessments for reading, writing, and spelling
- Reading at home and school
- Growth Mindset approach

LESSON 2: Reading Comprehension

- Reading development
- Strategies in building reading skills
- Working memory
- Vocabulary instruction

LESSON 3: Comprehension Strategies

- A Purpose for reading
- Art of questioning
- Visualization skills and inferencing
- Using self-monitoring and making predictions

LESSON 4: Text Structure

- Why text exists and why we read
- Graphic organizers
- Informational texts
- Digital text

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SECTION D: Reading Across the Curriculum

LESSON 1: Research

- The importance and nature of the 'reading' skill
- Language development in the early years
- Implications of different levels of daily language exposure
- How the brain processes what we already know and have experienced to develop reading skills

LESSON 2: Reading Assessments

- Diversity of students' reading abilities
- The purpose of reading assessments and components
- Common reading assessments and their usage
- Cloze and CARL to measure reading performance

LESSON 3: Basic Reading Strategies

- Basic reading strategies and accessing results
- Essential elements and traditional lesson formats
- Pre-reading, the reading process, and post-reading
- Effective ways to extend the life of the text beyond the lesson

LESSON 4: Reading Across Content Areas

- Scaffolding a common textbook to support varying reading levels using four steps
- Using different books on a common topic or learning objective to meet differing needs
- Question-Answer Relationships (QARS)
- Effectively approaching different structures of texts

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Course Outline

SECTION E: Tackling Tough Text

LESSON 1: Comprehension

- The importance of building students' self-efficacy to ensure learning
- The need for appropriate background knowledge and reading strategies
- Strategies for teaching reading comprehension
- Go beyond traditional teaching models toward participatory literary practices
- The Reading Comprehension Checklist

LESSON 2: The Checklist

- The roadmap to activate students' background knowledge
- Understanding essential steps while working with the checklist, to ensure an internalization of the reading comprehension process
- The value of pre-reading in making stronger readers, and the four steps involved

LESSON 3: Working with Questions

- Understanding how to label and analyze questions that accompany the text

LESSON 4a: Time to Read

- Beginning the final part of the checklist; the actual reading of the text
- The process of identifying and underlining five key words in the text
- The recommended sequence of answering questions
- The importance of emphasizing students' self-confidence

LESSON 4b: Evaluating the Checklist

- The practical aspects and benefits of using the checklist in the classroom
- Using the evaluation in the checklist to identify areas where students need more help
- Understanding the need for tough text levels and the significance of the checklist



30 Hours
of Learning



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