



Aligning Preparation Curriculum with OAE Frameworks: Connecting the Dots to Improve Candidate Outcomes

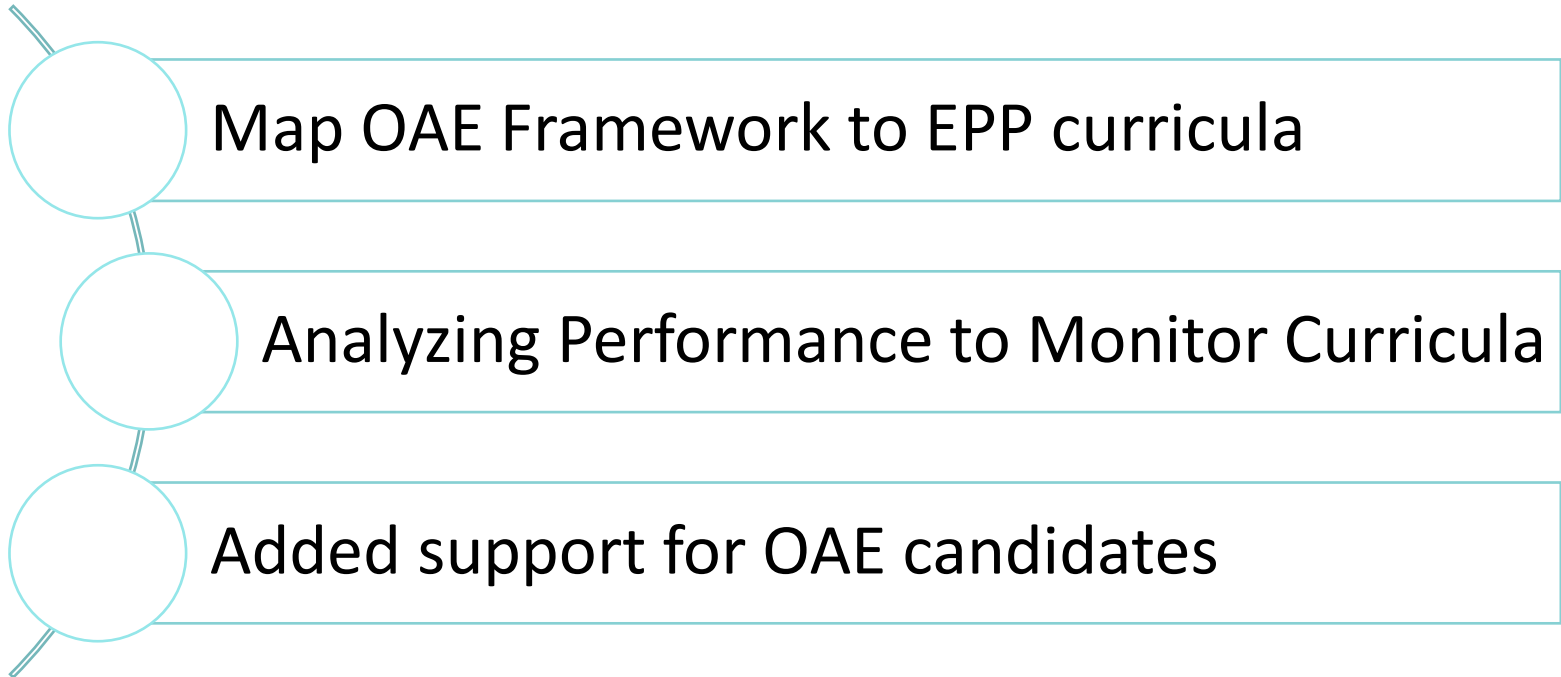
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Agenda

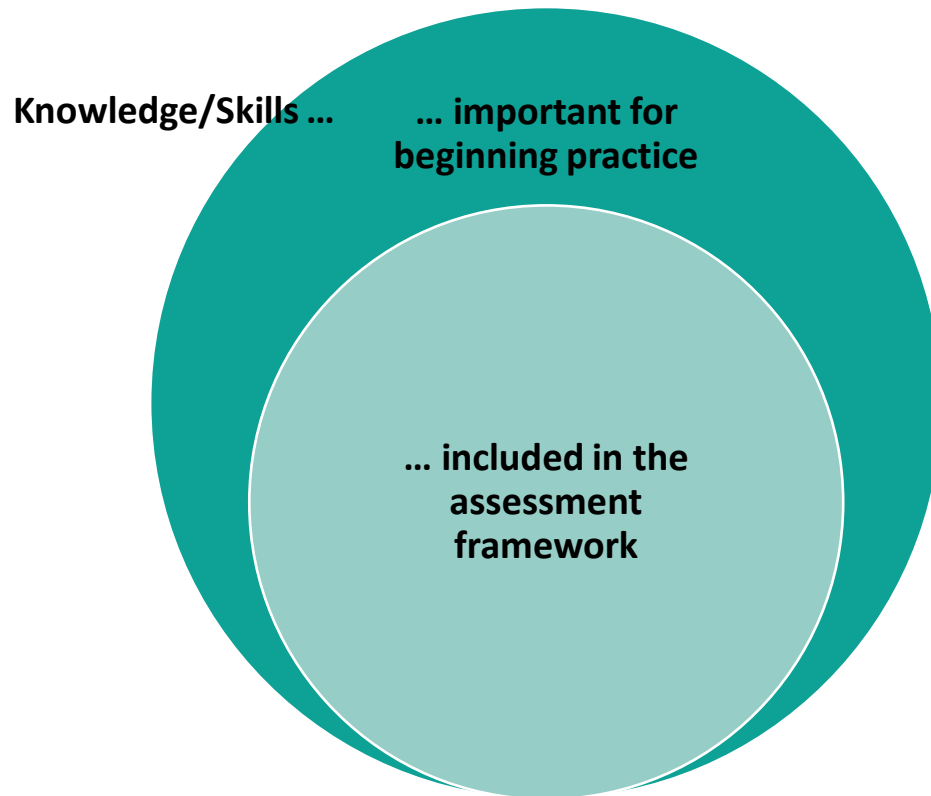




Map OAE Framework to EPP curricula



Opportunity to Learn



Curriculum mapping addresses the question

Where within preparation does a candidate have an opportunity to learn each identified knowledge/skills?



OAE Frameworks

Assessment frameworks are organized into

Domains I, II, III ...

Competencies 0001, 0002, 0003 ...

Descriptive statements

e.g., for Primary Education (PK-5)

Domain I—Oral and Written Language Development

0001 Understand the foundations of language development and how to promote listening and speaking skills in children.

Includes:

1. Demonstrate knowledge of major theories and research of the cognitive, linguistic, motivational, and sociocultural foundations of communication development, processes, and components, including first- and second-language acquisition and the role of heritage language in learning to listen, speak, read, and write.



Field 055: Primary Education (PK–5)

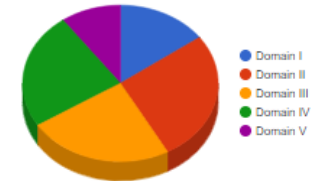
The assessment design below describes general assessment information. The framework that follows is a detailed outline that explains the knowledge and skills that this assessment measures.

Assessment Design

Format	Computer-based test (CBT)
Number of Questions	125 multiple-choice questions
Time*	180 minutes
Raw Score	220

*Does not include 15-minute tutorial

Framework



Domain	Range of Competencies	Approximate Percentage of Assessment Score
I	0001–0002	15%
II	0003–0005	21%
III	0006–0008	24%
IV	0009–0011	24%
V	0012–0013	16%

Domain I—Oral and Written Language Development

0001 Understand the foundations of language development and how to promote listening and speaking skills in children.

Includes:

1. Demonstrate knowledge of major theories and research of the cognitive, linguistic, motivational, and sociocultural foundations of communication development, processes, and components, including first- and second-language acquisition and the role of heritage language in learning to listen, speak, read, and write.
2. Demonstrate knowledge of the relationships between listening, speaking, reading, and writing; language and reading development across PK–5, and strategies for building on children's oral language, prior knowledge, experiences, and interests to lay foundations for formal reading and writing instruction.
3. Demonstrate knowledge of effective listening skills for a variety of purposes and audiences, including strategies for promoting development of students' listening skills to support their language and literacy development and their learning across the curriculum.
4. Apply knowledge of developmentally appropriate strategies for fostering the ability to listen and speak clearly for various purposes (e.g., expressing needs, interacting with others, responding to experiences, developing concepts) and appropriate adaptations to instruction and materials to meet the language-proficiency needs of all learners, including English learners and learners with exceptional needs.



Curriculum mapping



Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

E340 Learner-Centered Assessment

E145 Introduction to Special Education

⋮

E171 Literacy Instruction

E211 Foundations of Reading and Literacy

E221 Mathematics Methods EI Ed

E231 Science Methods EI Ed

E241 Social Studies Methods EI Ed

⋮

E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early Childhood

Where within preparation does a candidate have an opportunity to learn each competency?

Framework

OAE Assessment of Professional Knowledge: Primary Education (PK–5) (057)

Domain I—Student Development and Learning

0001 Understand how students grow and develop, and variations in patterns of the stages of child development and learning

0002 Understand learning processes and methods for providing instructional experiences that promote students' development, learning, and achievement.

0003 Understand student diversity and how to provide learning opportunities and environments that are responsive to student differences and diverse families ...

Domain II—Assessment, Instruction, and the Learning Environment

0004 Understand formal and informal assessment instruments and practices, the relationship between assessment and instruction, and how to use assessment to guide instruction ...

0005 Understand principles and methods of curricular and instructional planning and how to design instruction that promotes all students' development, learning, and achievement.

0006 Understand principles and methods associated with various instructional approaches and how to apply ... to promote all students' ... achievement of instructional goals.

0007 Understand principles and practices of motivation and communication and how to apply ... to promote students' active engagement and learning.

0008 Understand how to structure and manage the classroom to establish a safe, inclusive, and positive learning environment ...

Domain III—The Professional Environment

0009 Understand how to establish partnerships and collaborate effectively with students' families, colleagues, and members of the community to ... support students' development and learning.

0010 Understand roles and expectations for professional educators, legal and ethical guidelines, and strategies for continuous professional growth and self-reflection.



Curriculum mapping *Supports in Faculty Resources for OAE*



The screenshot displays the Ohio Assessments for Educators website. The header includes the logo and navigation links: Home, Assessments, Prepare, Register, Scores, Policies, Faculty Resources, and Find Info. A search bar is located in the top right corner. The main content area is titled "Faculty Resources" and includes a breadcrumb trail: Home / Faculty Resources. The page is organized into several sections:

- Faculty Resources:** A brief overview stating that OAE faculty resources offer a toolkit of strategies and support materials to help faculty prepare teacher candidates to take the assessments.
- Faculty Guide:** A section with three sub-items:
 - Understanding Assessment Content:** Map assessment frameworks to your curriculum and review alignment studies.
 - Helping Candidates Prepare:** Review preparation strategies and assess candidates' coursework.
 - Interpreting Candidate Assessment Results:** Learn about OAE scaled scores and how assessment results will be reported to institutions preparing future educators and educator candidates.
- OAE Technical Reports:** Technical reports produced for the Ohio Assessments for Educators program describe the activities undertaken to provide validity evidence that supports the use of the assessments included in the OAE program, and information on the technical characteristics of the assessments.
- Purchasing Vouchers:** Vouchers are available for purchase by state education agencies and educator preparation programs to provide candidates with full or partial credit toward fees for assessment registration and preparation resources.
- Score Report Dates:** Review the score report dates for all assessments.

A right-hand sidebar contains a "Home" link and a "Faculty Resources" section with a list of links: Faculty Guide, Assessment Frameworks, How Assessments Are Scored, Frequently Asked Questions by Faculty and Institutions, Test Center Locations, OAE Technical Reports, and Purchasing Vouchers.



List of relevant courses



Ohio Assessments for Educators

Assessment Framework Worksheet

Assessment: *Primary Education (PK-5) (055)*

Name and Date: Joe Smith 10/10/2024

Notes: Elementary Education (PK-5) is one of the tests required for a PK-5 certification

		Multiple-Choice Questions (approx. #)	Constructed-Response Assignments (if applicable)	M223 Mathematics for Elementary Education	E190 Educational Psychology	E121 Early Childhood Pedagogy	M340 Learner-centered Assessment	E221 Mathematics Methods: EL Ed.
Domain II: Mathematics								
Competency	0003	Understand number sense, numbers and operations in base ten, and fractions.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	0004	Understand operations and algebraic thinking.		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	0005	Understand basic concepts of measurement, data, and geometry.		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Leave box blank to indicate not covered

Check box to indicate covered



Curriculum mapping



Outcome: Competency has a clear mapping in program curriculum

Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

E340 Learner-Centered Assessment

E145 Introduction to Special Education

⋮

E171 Literacy Instruction

E211 Foundations of Reading and Literacy

E221 Mathematics Methods EI Ed

E231 Science Methods EI Ed

E241 Social Studies Methods EI Ed

⋮

E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early Childhood

OAE Foundations of Reading (190)

Domain I—Foundations of Reading Development

0001 Demonstrate knowledge of principles and evidence-based instructional practices for developing language and emergent literacy skills, including phonological and phonemic awareness, concepts of print, and the alphabetic principle.





Curriculum mapping



Outcome: Competency has multiple mappings

Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

E340 Learner-Centered Assessment

E145 Introduction to Special Education

⋮

E171 Literacy Instruction

E211 Foundations of Reading and Literacy

E221 Mathematics Methods EI Ed

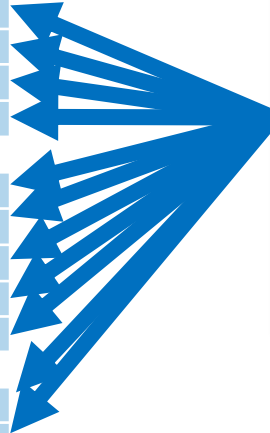
E231 Science Methods EI Ed

E241 Social Studies Methods EI Ed

⋮

E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early Childhood



OAE Assessment of Professional Knowledge: Primary Education (PK–5) (057)

Domain II–Assessment, Instruction, and the Learning Environment

0004 Understand formal and informal assessment instruments and practices, the relationship between assessment and instruction, and how to use assessment to guide instruction ...



Curriculum mapping



Outcome: A gap—no mapping for target competency

Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

E340 Learner-Centered Assessment

E145 Introduction to Special Education

⋮

E171 Literacy Instruction

E211 Foundations of Reading and Literacy

E221 Mathematics Methods EI Ed

E231 Science Methods EI Ed

E241 Social Studies Methods EI Ed

⋮

E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early Childhood

Childhood



OAE Primary Education (PK-5) (055)

Domain V—The Arts

0013 Understand basic visual art concepts, techniques, and instructional approaches.



Curriculum mapping



Outcome: Competency has a clear mapping in General Ed

Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

E340 Learner-Centered Assessment

E145 Introduction to Special Education

⋮

E171 Literacy Instruction

E211 Foundations of Reading and Literacy

E221 Mathematics Methods EI Ed

E231 Science Methods EI Ed

E241 Social Studies Methods EI Ed

⋮

E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early Childhood

OAE Primary Education (PK-5) (055)

Domain II—Mathematics

0005 Understand basic concepts of measurement, data, and geometry.





Curriculum mapping



Outcome: Further analysis needed

Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

E340 Learner-Centered Assessment

E145 Introduction to Special Education

⋮

E171 Literacy Instruction

E211 Foundations of Reading and Literacy

E221 Mathematics Methods EI Ed

E231 Science Methods EI Ed

E241 Social Studies Methods EI Ed

⋮

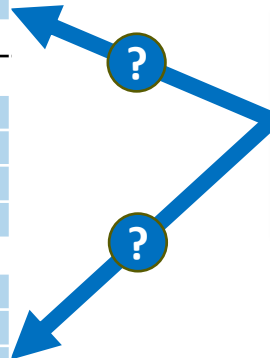
E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early Childhood

OAE Primary Education (PK-5) (019)

Domain II–Mathematics

0003 Understand number sense, numbers and operations in base ten, and fractions.





Curriculum mapping



Primary Education

General Ed

P110 Child Development

⋮

M223 Mathematics for Elementary Education

⋮

Education

E190 Educational Psychology

E121 Early Childhood Pedagogy

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⋮

E511 Field Experience: Early Childhood Ed

E531 Student Teaching Internship: Early
Childhood

Complexity of curriculum mapping will rise with

- the number of paths through the program
- different options for meeting requirements.



Curriculum mapping



The idea of curriculum mapping is that it can indicate areas for further analysis & potential improvement

Competency has ...	Candidate performance on the competency is ...	
	... strong	... not strong
... no clear mapping (a gap)		✓
... a clear mapping	within program	✓
	in general ed	✓
... multiple mappings		✓



Analyzing Performance to Monitor Curricula



Accessing Results Analyzer

Navigate to:

edreports.nesinc.com/OH

Examinee Data

- Examinee Roster
- Content Domain Report
- Performance Summary -- MCQ
- Competency Score -- CRI

Test Summary Data

- Test Summary
- Content Domain Summary
- Competency Summary
- Analyses





Test Summary in Results Analyzer

For each OAE assessment, **Test Summary** provides the number of takers, number pass/not pass, percentage pass/not pass, and mean.

The screenshot displays the Results Analyzer interface for 'ResultsAnalyzer Test Data (OAE)'. The top navigation bar includes a search icon, a refresh icon, a share icon, and a settings icon. The main header shows the test name 'Foundations of Reading', the test field code '190', and the institution 'University'. Below the header, there are two tabs: 'Analyze Sheet' (selected) and 'Narrate Storytelling'. The main content area is titled 'Sheets' and shows a list of public sheets (10). The 'Test Summary' sheet is highlighted with a yellow border. Other sheets visible include 'Content Domain Summary', 'Competency Summary', 'Pass Rate Analysis', 'Retake Analysis', and 'Test Date Analysis'. Each sheet icon features a bar chart with four bars of varying heights.



Content Domain in Results Analyzer

For each OAE assessment, **Content Domain Summary** provides number of takers and performance index for each domain.

The screenshot shows the 'ResultsAnalyzer Test Data (OAE)' interface. At the top, there are filters for 'Test Name' (Foundations of Reading), 'TestFieldCode' (190), and 'Institution' (University). Below the filters, there are two tabs: 'Analyze Sheet' (selected) and 'Narrate Storytelling'. The main area is titled 'Sheets' and contains a dropdown for 'Public sheets (10)'. A grid of six summary cards is displayed, each with a bar chart icon and a title. The 'Content Domain Summary' card is highlighted with a yellow border. The other cards are 'Test Summary', 'Competency Summary', 'Pass Rate Analysis', 'Retake Analysis', and 'Test Date Analysis'.

Summary Card	Highlighted
Test Summary	No
Content Domain Summary	Yes
Competency Summary	No
Pass Rate Analysis	No
Retake Analysis	No
Test Date Analysis	No



Competencies in Results Analyzer

For each OAE assessment, **Competency Summary** provides percentage results at the level of competencies.

The screenshot shows the 'ResultsAnalyzer Test Data (OAE)' interface. At the top, there are filters for 'Test Name' (Foundations of Reading), 'TestFieldCode' (190), and 'Institution' (University). Below the filters, there are two tabs: 'Analyze Sheet' (selected) and 'Narrate Storytelling'. The main content area is titled 'Sheets' and contains a section for 'Public sheets (10)'. A grid of six summary cards is displayed, each with a bar chart icon and a label. The 'Competency Summary' card is highlighted with a yellow border. The other cards are 'Test Summary', 'Content Domain Summary', 'Pass Rate Analysis', 'Retake Analysis', and 'Test Date Analysis'.

Summary Type	Icon
Test Summary	Bar chart with 4 bars
Content Domain Summary	Bar chart with 4 bars
Competency Summary	Bar chart with 4 bars
Pass Rate Analysis	Bar chart with 4 bars
Retake Analysis	Bar chart with 4 bars
Test Date Analysis	Bar chart with 4 bars



Filtering in Results Analyzer

Within institutional results, selecting *by license area* provides more focused results



... [Close] [Apply]

Search in listbox

Education Level

English Best Language

License Area

Licensure Pathway

Reason For Testing

Question

License Area
Dual AYA Interv Spec
Dual Middle Childhood Interv Spec
Early Childhood
EC Intervention Specialist
Interv Spec Mild/Mod Educ Needs
Interv Spec Mod/Int Educ Needs
Intervention Specialist HI
Intervention Specialist VI
Middle Childhood Eng Lang Arts
Middle Childhood Mathematics
Middle Childhood Science
Middle Childhood Social Studies
Other
Primary Ed Intervention Specialist
Primary Education



Filtering in Results Analyzer

"Bread crumbs" will appear above the blue ribbon

- Filter options:
- Menu
- Bread Crumbs
- Labels
- Individual Cells

The screenshot shows the 'Results Analyzer Test Data (OAE)' interface. At the top, there is a blue ribbon with filter options: 'Test Name' (Foundations of Reading), 'TestFieldCode' (190), 'Institution' (University), 'Question' (License Area), and 'Response' (Early Childhood). Below this is a 'Competency Summary' section with 'Competency Scores - Best Attempt'. A search bar contains filters for 'Test Name', 'Test Code', 'Test Version', 'Content Domain...', 'Competency Key...', and 'Competency Type'. A table below displays data for 'Foundations of Reading' with columns for 'Test Code', 'Content Domain', 'Competency Key', 'Question', 'Response', and '# of Take'. The cell containing '01' in the 'Competency Key' column is highlighted with a yellow box.

Test Name	Test Code	Test Version	Content Domain ...	Competency Key...	Values	# of Take
Foundations of Reading	190		(01/23-Present)	01	0001 M/C	
					0002 M/C	
					0003 M/C	
					0004 M/C	
				02	0005 M/C	
					0006 M/C	
					0007 M/C	
				03	0008 M/C	
					0009 M/C	
				04	0001 C/R	



Creating Reports in Results Analyzer

Right-click to bring up the menu

Data is an Excel spreadsheet

The screenshot shows the 'ResultsAnalyzer Test Data (OAE)' interface. The main content area displays a 'Competency Summary' for 'Foundations of Reading' with a 'Competency Scores - Best Attempt' table. A right-click context menu is open over the table, with the 'Download as...' option highlighted. The table data is as follows:

Test Name	Test Code	Test Version	Content Domain ...	Competency Key...	Values	# of Take
Foundations of Reading	01	0001	M/C	0001		
				0002		
				0003		
	02	0004	M/C	0004		
				0005		
				0006		
	03	0007	M/C	0007		
				0008		
	04	0009	M/C	0009		
0001						



Added support for OAE
candidates



Added support for OAE candidates



Right Start

Interactive
Learning
Courses for
Teacher
Candidates

Right Start educator learning courses provide educator candidates with:

- Self-paced learning modules
- Instructional resources designed by subject-matter experts
- Interactive experiences to build knowledge and skills
- Content aligned to test framework
- Practice assessments within the course
- Custom dashboard to view results and track progress

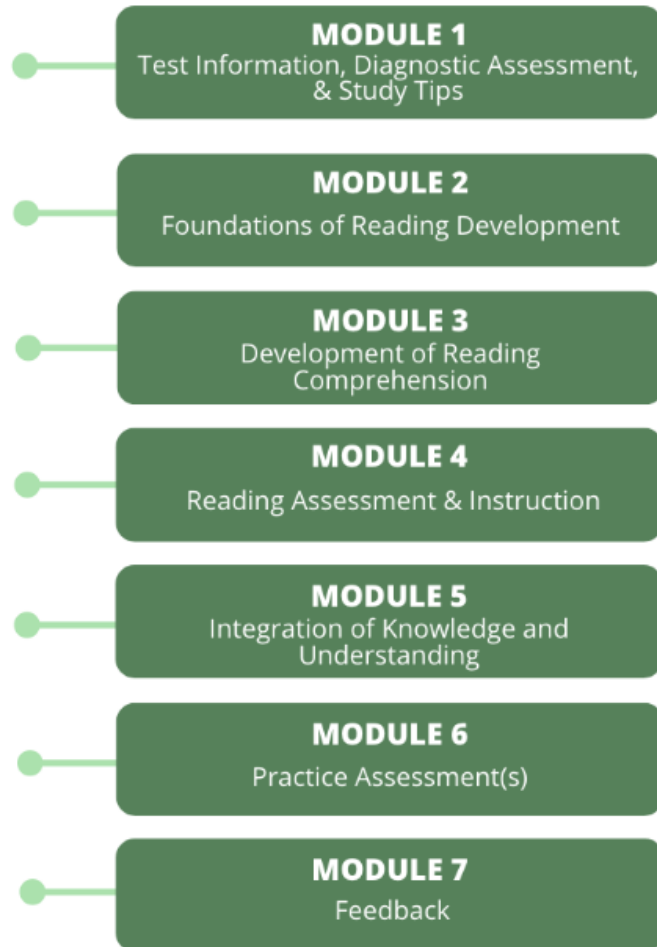
Right Start for Foundations of Reading



Course Sequence Overview

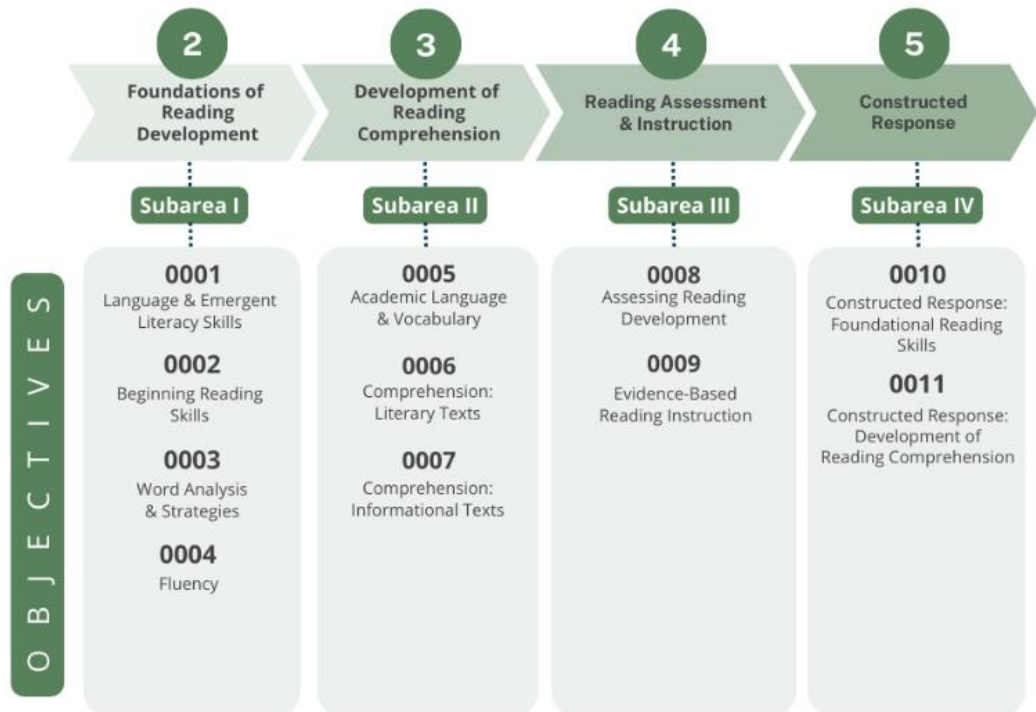
As you study, know that the content you are reviewing was developed by educators with deep subject-matter knowledge and with your specific test in mind.

Click on **Module 1** to get started.



Course Modules Aligned to Test Frameworks

Course **Alignment** Foundations of Reading



Results

peisermann@charter.net



22

Out of 40 points

11:27

Time for this attempt

Your Answers:

1 1 / 1 point

Which of the following word reading approaches involves breaking a word into its component sounds and then blending them together to form a recognizable word?

- A. Contextual analysis
- B. Orthographic mapping
- C. Decoding
- D. Morphemic analysis

Feedback

General Feedback

Correct Answer: C

Decoding is a word-reading approach that involves breaking a word into its component sounds (phonemes) and then blending these sounds to form a recognizable word. In decoding, readers apply their knowledge of phonics and phonological awareness to sound out words. A is incorrect because contextual analysis typically involves using the context of a sentence or passage to guess the meaning of an unfamiliar word based on the words and sentences surrounding it. B is incorrect because orthographic mapping refers to the process of connecting written letters or letter combinations (graphemes) to their corresponding sounds (phonemes) in the reader's mental lexicon. D is incorrect because morphemic analysis involves examining word parts or morphemes (meaningful units) to understand the meaning of a word.

Diagnostic Assessment Results

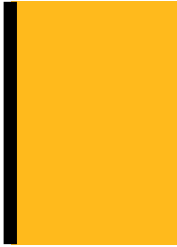
Diagnostic Assessment Results

Foundations of Reading 190

● Beginning ● Approaching Mastery ● Mastery

Total Diagnostic Assessment	61 %	●
Domain	% Correct	Outcomes Mastery
Foundations of Reading Development	72 %	●
Development of Reading Comprehension	36 %	●
Reading Assessment & Instruction	75 %	●

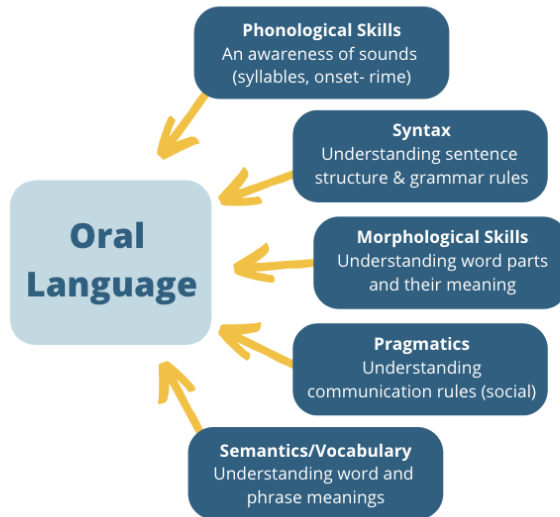
This report is designed to guide your continued study within the course and is not a direct reflection of the score you will receive on your licensure assessment. Your licensure assessment score report will indicate whether or not you met the required cut score for your state and specific test. The mastery levels shown here provide an indication of domains and modules you should continue to review prior to taking your licensure test.



Oral Language and Reading Development

Learning Modules: Accessible Content

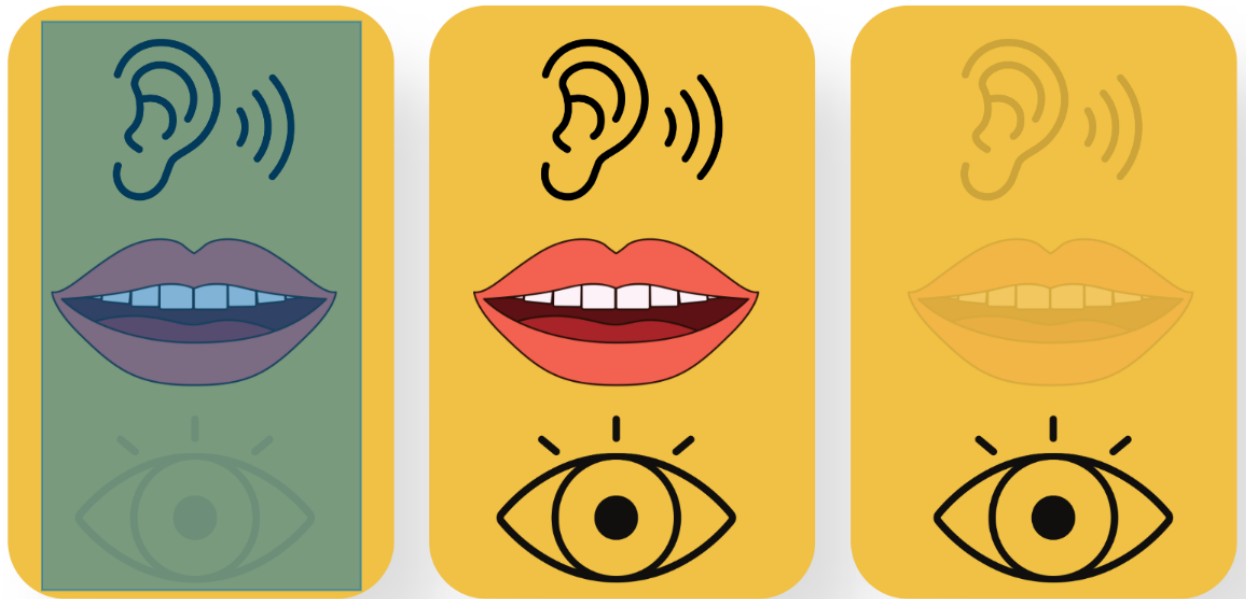
Oral Language refers to speaking and understanding spoken words. Oral language skills allow individuals to express their thoughts, ideas, and emotions and comprehend others. It plays a crucial role in literacy.



Oral language skills and reading development are closely linked. Children who can produce and understand oral language well have an advantage in developing literacy skills.

Checks for Understanding

Click on the image that characterizes phonemes.



Modules Highlights of Key Concepts



Key Takeaway

Phonological awareness is a prerequisite for decoding and encoding. The goal of phonological awareness instruction is to support students' later development of more complex phonemic awareness skills.

End of Course Practice Assessments

Practice Assessment Overview



Now you will take a practice assessment which is designed to reflect the items you will encounter on your test.

To access the assessment:

1. Read this overview and give yourself sufficient time to complete the assessment.
2. Click the next button.
3. Click Begin.

To access your score report:

1. Keep your course open. In a new tab, navigate to your account.
2. You will receive results via your dashboard, as well as by email, and can access your practice assessment report via the Assessment Reports tab in your dashboard.
3. You can retake the practice assessment as many times as you would like. Your practice assessment report will capture and display your results for each attempt.

Questions we hope we raised ...

Curricula

- What is being measured?
- Where is it being taught?
- Are there gaps?

Performance

- What are the pass rates?
- Where are the weaknesses?
- How do weaknesses map back to courses?

Supports

- Are candidates accessing frameworks and study guides?
- Would Right Start address gaps?
- Would additional practice assessments help?



Pearson