

# Integrated Model Curriculum Source Set

## Ohio's Landscapes: Natural and Human Made



Kindergarten – Grade 5,  
Grade 8

December 2025 DRAFT



**Department of  
Education &  
Workforce**

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# Source Set Overview

The Integrated Model Curriculum Source Sets provide high-quality resources for integrating social studies content with English language arts materials. These source sets are broken down into grade bands of Kindergarten-grade 2, grades 3-5, and grade 8. Components of the source sets are as follows:

- **Links:** These links provide resources directly tied to the topic, aligned with the social studies standards, as well as connections to Ohio history and civics.
- **Key Vocabulary:** Identified key vocabulary provides domain-specific vocabulary necessary for comprehending the provided sources and texts.
- **Alignment to Ohio’s Learning Standards in Social Studies:** This section lists out the standards aligned to this topic from Ohio’s Learning Standards in Social Studies.
- **Alignment to Ohio’s Learning Standards in English Language Arts:** This section lists out the standards aligned to this topic from Ohio’s Learning Standards in English Language Arts.
- **Life Skills Connections:** Taken from the Professional Skills in the OhioMeansJobs-Readiness Seal, this section demonstrates where life skills can be connected to the resources and topics selected for the Integrated Model Curriculum.

Additionally, the *Integrated Model Curriculum Appendix* provides cross-grade level **comprehension and writing strategies**, social studies **instructional strategies**, a **continuum of supports** from the Integrated Multi-Tiered System of Supports, and **assessment** opportunities that are based on the social studies content in the included sources.

## OHIO’S LANDSCAPES: NATURAL AND MANMADE BACKGROUND INFORMATION

Abundant and varied natural resources across Ohio’s landscapes have had a major impact on the development of hundreds of local communities in the state. Additionally, Ohio’s natural resources and waterways have been modified and adapted to meet human needs and demands, transforming the state into a center of activity. As a result, Ohio’s role in the nation and the world have evolved and adapted over time.

# Kindergarten – Grade 2 Source Set

LINKS	SCIENCE OF READING CONNECTIONS
<p><b>Sources</b></p> <ul style="list-style-type: none"> <li>• Hocking Hills State Park (Southeast Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Hocking Hills State Park   Ohio Department of Natural Resources</a></li> <li>○ <a href="#">Old Man’s Cave Photograph   Ohio Memory – Ohio History Connection</a></li> <li>○ <a href="#">Rock House Formation Photograph   Ohio Memory – Ohio History Connection</a></li> <li>○ <a href="#">Cedar Falls Photograph   Ohio Memory – Ohio History Connection</a></li> <li>○ <a href="#">Cantwell Cliffs Steps Photograph   Ohio Memory – Ohio History Connection</a></li> </ul> </li> <li>• Cuyahoga Valley National Park (Northeast Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Cuyahoga Valley National Park   World Book Student - InfoOhio</a></li> <li>○ <a href="#">Cuyahoga Valley National Park</a> (Our Ohio video, 26:38)</li> </ul> </li> <li>• Wayne National Forest (Southeast Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Wayne National Forest   Forest Service of the U.S. Department of Agriculture</a></li> </ul> </li> <li>• Black Swamp (Northwest Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Black Swamp   Black Swamp Conservancy</a></li> <li>○ <a href="#">Black Swamp Photographs   Ohio Memory – Ohio History Connection</a></li> </ul> </li> </ul>	<p><b>Key Vocabulary</b></p> <p><i>Kindergarten:</i></p> <ul style="list-style-type: none"> <li>• Symbols</li> <li>• Landmarks</li> <li>• Environment</li> <li>• Shelter</li> <li>• Direction</li> <li>• Distance</li> <li>• Maps</li> <li>• State Park</li> <li>• National Park</li> <li>• Swamp</li> <li>• Watershed</li> </ul> <p><i>Grade 1:</i></p> <ul style="list-style-type: none"> <li>• Physical Characteristics</li> <li>• Human Characteristics</li> <li>• Landforms</li> <li>• Bodies of Water</li> <li>• Location</li> <li>• Structures</li> </ul> <p><i>Grade 2:</i></p> <ul style="list-style-type: none"> <li>• Impact</li> <li>• Resources</li> <li>• Technology</li> <li>• Cardinal Directions</li> </ul>

LINKS	SCIENCE OF READING CONNECTIONS
<ul style="list-style-type: none"> <li>• Great Miami River (Southwest Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Great Miami River Watershed   Ohio Environmental Protection Agency</a></li> <li>○ <a href="#">Franklin Levee Construction Photograph   Ohio Memory – Ohio History Connection</a></li> </ul> </li> <li>• Kelleys Island Glacial Grooves (Northwest Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Grooved Limestone Specimen   Ohio Memory – Ohio History Connection</a></li> </ul> </li> </ul>	
ALIGNMENT TO SOCIAL STUDIES STANDARDS	ALIGNMENT TO ENGLISH LANGUAGE ARTS STANDARDS
<p>Refer to <a href="#">Ohio’s Learning Standards for Social Studies</a> for the text of the content statements.</p> <p>Refer to <a href="#">Ohio’s Model Curriculum for Social Studies</a> for content elaborations and expectations for learning for the standards.</p> <p><i>Kindergarten:</i></p> <ul style="list-style-type: none"> <li>• K.5, K.6, K.7</li> </ul> <p><i>Grade 1:</i></p> <ul style="list-style-type: none"> <li>• 1.3, 1.4, 1.5, 1.6</li> </ul> <p><i>Grade 2:</i></p> <ul style="list-style-type: none"> <li>• 2.3, 2.5, 2.6, 2.7</li> </ul>	<p>Refer to <a href="#">Ohio’s Learning Standards for English Language Arts</a> for the text of the content statements.</p> <p><i>Kindergarten:</i></p> <ul style="list-style-type: none"> <li>• RI.K.1, RI.K.2, RI.K.4, RI.K.7, RI.K.9</li> <li>• W.K.2, W.K.8.</li> </ul> <p><i>Grade 1:</i></p> <ul style="list-style-type: none"> <li>• RI.1.1, RI.1.4, RI.1.5, RI.1.6, RI.1.7, RI.1.9</li> <li>• W.1.2, W.1.8</li> </ul> <p><i>Grade 2:</i></p> <ul style="list-style-type: none"> <li>• RI.2.1, RI.2.3, RI.2.4, RI.2.5, RI.2.6, RI.2.9</li> <li>• W.2.2, W.2.8.</li> </ul>

## LIFE SKILLS CONNECTIONS

- **Teamwork/Collaboration:** Through a variety of activities, students may use teamwork and/or collaboration to brainstorm ideas and share background knowledge, investigate problems, and present findings.
- **Critical Thinking/Problem-Solving:** Knowing that human activities can alter the physical environment, both positively and negatively, students may consider what could occur in the geography and/or environment when these changes occur, what outcomes may include, and what strategies may be necessary to use following these activities to protect the geography and/or environment.
- **Creativity/Innovation:** In coordination with **Critical Thinking/Problem-Solving**, students may think creatively and come up with innovative ways to protect the geography/environment and its resources.
- **Oral and Written Communication:** Integration of social studies instructional strategies with English language arts standards provide opportunities for students to communicate what they have learned, and new ideas formed based on this information, using both oral and written communication specific to the skills taught per grade level.

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## Grades 3 – 5 Source Set

LINKS	SCIENCE OF READING CONNECTIONS
<p><b>Sources</b></p> <ul style="list-style-type: none"> <li>• Hopewell Culture National Historical Park (Southeast Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Mound Builders   World Book Student - INFOhio</a></li> <li>○ <a href="#">Hopewell Ceremonial Earthworks   National Park Service</a></li> </ul> </li> <li>• Serpent Mound               <ul style="list-style-type: none"> <li>○ <a href="#">Serpent Mound Burial Mounds   INFOhio Open Space</a></li> <li>○ <a href="#">Our Ohio, Episode 308: Serpent Mound</a> (video, beginning-7:30)</li> </ul> </li> <li>• Camp Sherman and Mound City Earthworks               <ul style="list-style-type: none"> <li>○ <a href="#">Camp Sherman and the Mound City Earthworks: A Unique Story of Preservation   INFOhio Open Space</a> includes photographs of Camp Sherman, 1918</li> </ul> </li> <li>• The Ohio &amp; Erie Canal (Northeast Ohio to Southeast Ohio) and The Miami &amp; Erie Canal (Northwest Ohio to Southwest Ohio)               <ul style="list-style-type: none"> <li>○ <a href="#">Chesapeake and Ohio Canal   World Book Student - INFOhio</a></li> <li>○ <a href="#">The Ohio Canal System   Library of Congress</a></li> <li>○ <a href="#">The Ohio &amp; Erie Canal: Catalyst of Economic Development for Ohio.</a> Teaching with Historic Places, lesson plan/unit</li> </ul> </li> </ul>	<p><b>Key Vocabulary</b></p> <p><i>Grade 3:</i></p> <ul style="list-style-type: none"> <li>• Agriculture</li> <li>• Industry</li> <li>• Natural Resources</li> <li>• Community</li> <li>• Physical Map</li> <li>• Political Map</li> <li>• Key</li> <li>• Alphanumeric Grid</li> <li>• Modification</li> </ul> <p><i>Grade 4:</i></p> <ul style="list-style-type: none"> <li>• Map Scale</li> <li>• Relative Location</li> <li>• Regions</li> <li>• Economic Development</li> <li>• Transportation Systems</li> </ul> <p><i>Grade 5:</i></p> <ul style="list-style-type: none"> <li>• Geographic Tools</li> <li>• Cartographers</li> <li>• Latitude</li> <li>• Longitude</li> <li>• Landform</li> <li>• Climate</li> <li>• Population</li> <li>• Colonization</li> <li>• Hemisphere</li> </ul>

## LINKS

- Ohio River (Southwest Ohio to Southeast Ohio)
  - [Ohio River | World Book Student - INFOhio](#)
  - [Ohio River](#) (Salem Press Encyclopedia)
  - [Freedom's Highway](#) (Freedom Center in Cincinnati; Weekly Reader - Senior, October 15, 2004)
  - [Freedom's Ride](#) (Freedom Center in Cincinnati; Weekly Reader - 4, January 28, 2005)
  - [308-mile Ohio River Way Gets National Water Trail Designation](#) (Indianapolis Business Journal, June 13, 2025)
  - [Indigenous Prosperity and American Conquest: Indian Women of the Ohio River Valley 1690-1792](#) (eBook) – use the table of contents to click on List of Illustrations to find page numbers for maps, figures, tables, etc.
- Lake Erie (Northwest Ohio to Northeast Ohio)
  - [Lake Erie | World Book Student - INFOhio](#)
  - [Lake Erie](#) (video, 22:50)
  - [Ohio's Balanced Growth Program: Program Addresses Land Use to Protect Integrity of Lake Erie](#) (PA Times, September 2006)
- Cuyahoga River
  - [The Cuyahoga River Caught Fire at Least a Dozen Times, but No One Cared Until 1969 | Smithsonian Magazine](#)
  - [Cuyahoga River Water Trail Map](#)

## SCIENCE OF READING CONNECTIONS

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## ALIGNMENT TO SOCIAL STUDIES STANDARDS

Refer to [Ohio's Learning Standards for Social Studies](#) for the text of the content statements.

Refer to [Ohio's Model Curriculum for Social Studies](#) for content elaborations and expectations for learning for the standards.

### Grade 3:

- 3.3, 3.4, 3.5, 3.6, 3.7

### Grade 4:

- 4.9, 4.10, 4.11, 4.12, 4.14

### Grade 5:

- 5.4, 5.5, 5.6, 5.7

## ALIGNMENT TO ENGLISH LANGUAGE ARTS STANDARDS

Refer to [Ohio's Learning Standards for English Language Arts](#) for the text of the content statements.

### Grade 3:

- RI.3.1, RI.3.3, RI.3.4, RI.3.5, RI.3.7
- W.3.2, W.3.7, W.3.8

### Grade 4:

- RI.4.1, RI.4.2, RI.4.3, RI.4.4, RI.4.5, RI.4.6, RI.4.7
- W.4.2, W.4.7

### Grade 5:

- RI.5.1, RI.5.3, RI.5.4, RI.5.5, RI.5.7, RI.5.9
- W.5.2, W.5.7

## LIFE SKILLS CONNECTIONS

- **Teamwork/Collaboration:** Through a variety of activities, students may use teamwork and/or collaboration to brainstorm ideas and share background knowledge, investigate problems, and present findings.
- **Critical Thinking/Problem-Solving:** Knowing that human activities can alter the physical environment, both positively and negatively, students may consider what could occur in the geography and/or environment when these changes occur, what outcomes may include, and what strategies may be necessary to use following these activities to protect the geography and/or environment.
- **Creativity/Innovation:** In coordination with **Critical Thinking/Problem-Solving**, students may think creatively and come up with innovative ways to protect the geography/environment and its resources.
- **Oral and Written Communication:** Integration of social studies instructional strategies with English language arts standards provide opportunities for students to communicate what they have learned, and new ideas formed based on this information, using both oral and written communication specific to the skills taught per grade level.
- **Global/Intercultural Fluency:** As students move into grade 5, the idea of environment expands into the whole Western Hemisphere, where it will be important for students to understand how their local, county, state, nation, continent, and even hemisphere can be compared and/or contrasted with communities that are similar and/or different.
- **Career Management:** While students focus on the importance of agriculture in grade 4, this could be an opportunity to review what careers may impact or are vital to conservation of geography and/or environment.

## Grade 8 Source Set

LINKS	SCIENCE OF READING CONNECTIONS
<p><b>Sources</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Westward Movement in America   World Book Timelines-INFOhio</a></li> <li>• <a href="#">Westward Movement in America   World Book Student-INFOhio</a></li> <li>• <a href="#">Public Lands   World Book Student - INFOhio</a></li> </ul>	<p><b>Key Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Natural Resources</li> <li>• Expansion</li> <li>• Unintended Consequences</li> <li>• Cultural Biases</li> <li>• Stereotypes</li> <li>• Prejudices</li> <li>• Minority</li> <li>• Democratic Ideals</li> <li>• Assimilation</li> </ul>
ALIGNMENT TO SOCIAL STUDIES STANDARDS	ALIGNMENT TO ENGLISH LANGUAGE ARTS STANDARDS
<p>Refer to <a href="#">Ohio's Learning Standards for Social Studies</a> for the text of the content statements.</p> <p>Refer to <a href="#">Ohio's Model Curriculum for Social Studies</a> for content elaborations and expectations for learning for the standards.</p> <ul style="list-style-type: none"> <li>• 8.15, 8.16, 8.17, 8.18, 8.19</li> </ul>	<p>Refer to <a href="#">Ohio's Learning Standards for English Language Arts</a> for the text of the content statements.</p> <ul style="list-style-type: none"> <li>• RI.8.1, RI.8.2, RI.8.3, RI.8.4, RI.8.9</li> <li>• W.8.2, W.8.7</li> </ul>

## LIFE SKILLS CONNECTIONS

- **Teamwork/Collaboration:** Through a variety of activities, students may use teamwork and/or collaboration to brainstorm ideas and share background knowledge, investigate problems, and present findings.
- **Critical Thinking/Problem-Solving:** Knowing that human activities can alter the physical environment, both positively and negatively, students may consider what could occur in the geography and/or environment when these changes occur, what outcomes may include, and what strategies may be necessary to use following these activities to protect the geography and/or environment.
- **Creativity/Innovation:** In coordination with **Critical Thinking/Problem-Solving**, students may think creatively and come up with innovative ways to protect the geography/environment and its resources.
- **Oral and Written Communication:** Integration of social studies instructional strategies with English language arts standards provide opportunities for students to communicate what they have learned, and new ideas formed based on this information, using both oral and written communication specific to the skills taught per grade level.
- **Global/Intercultural Fluency:** As students move into grade 8, the idea of environment expands into Western Expansion, where it will be important for students to understand how their local, county, state, nation, continent can be compared and/or contrasted with communities that are similar and/or different.
- **Career Management:** With the focus on geographic and economic expansion through Westward Expansion, this could be an opportunity to review what careers may impact or are vital to conservation of geography and/or environment.