

**INDICATORS**

**Social Studies: ECONOMICS**

- 1 Identify the productive resources needed to produce a good or service and suggest opportunity costs for the resources involved.
- 2 Explain how the availability of productive resources in Ohio promotes specialization in the production of goods and services and leads to trade.
- 3 Explain how entrepreneurs organize productive resources to produce goods and services and that they seek to make profits by taking risks.
- 4 Explain ways in which individuals and households obtain and use income.
- 5 Explain why people in Ohio specialize in what they produce and then trade with others, which then increases the amount of goods and services available.

**Social Studies: GEOGRAPHY**

- 5 Describe and compare the landforms, climates, population, vegetation and economic characteristics of places and regions in Ohio.
- 6 Identify manufacturing, agricultural, mining and forestry regions in Ohio.

**Social Studies: SKILLS AND METHODS**

- 1 Obtain information about state issues from a variety of print and electronic sources, and determine the relevance of information to a research topic: e. Multimedia/Electronic sources.
- 2 Use a glossary and index to locate information.

**Language Arts: ACQUISITION OF VOCABULARY ► TOOLS AND RESOURCES**

- 9 Determine the meanings and pronunciations of unknown words by using dictionaries, glossaries, technology and textual features, such as definitional footnotes or sidebars.

**Language Arts: READING PROCESS ► COMPREHENSION STRATEGIES**

- 3 Compare and contrast information on a single topic or theme across different text and non-text resources.
- 7 Answer literal, inferential and evaluative questions to demonstrate comprehension of grade-appropriate print texts and electronic and visual media.

**English Language Arts: READING APPLICATIONS**

- 3 Locate important details about a topic using different sources of information including books, magazines, newspapers and online resources.

### **English Language Arts: WRITING PROCESS**

- 1** Generate writing ideas through discussions with others and from printed material.
- 5** Organize writing, beginning with an introduction, body and a resolution of plot, followed by a closing statement or a summary of important ideas and details.

### **Language Arts: WRITING APPLICATIONS**

- 4** Write informational reports that include facts and examples and present important details in a logical order.
- 5** Produce informal writings (e.g., messages, journals, notes and poems) for various purposes.

### **Language Arts: RESEARCH**

- 1** Identify a topic and questions for research and develop a plan for gathering information.
- 2** Locate sources and collect relevant information from multiple sources (e.g., school library catalogs, online databases, electronic resources and Internet-based resources).
- 3** Identify important information found in the sources and summarize important findings.
- 6** Use a variety of communication techniques, including oral, visual, written or multimedia reports, to present information gathered.

## ACTIVITIES

(See the resource listings below for Internet Resources, *Opening the Door West Plus!* Bonus Materials, and the WOUB/Shelburne Films DVD documentary *Opening the Door West* tie-ins to the activities.)

- **Ohio Economics – Then and Now**

- ▶ After viewing the Chapter Two, The Ohio Lands, make a list of productive resources that were available at the end of the 18th century. See also the applicable Internet resources and bonus materials.
- ▶ Compare and contrast the list to resources available in Ohio today.
- ▶ Explain why the list is different and/or explain why some items in the lists are the same. Students should reflect on each of the following:
  - Landforms, climates, population, and vegetation.
  - Ohio economic regions: forestry, agricultural, mining, and manufacturing.

- **Entrepreneurship in Early Ohio – The Ohio Company of Associates**

- ▶ Identify the goals of the entrepreneurs of the Ohio Company of Associates.
- ▶ Identify the productive resources available to the Ohio Company of Associates.
- ▶ Identify the risks faced by the Ohio Company of Associates.
- ▶ Explain the entrepreneurial outcomes of the Ohio Company of Associates.

- **Starting a Business – François Thierry, French Baker.**

**“The Starving Year” - 08:50/12:00**

- ▶ Identify Mr. Thierry’s economic goals.
- ▶ Identify the productive resources Mr. Thierry needed.
- ▶ Identify the risks faced by Mr. Thierry.
- ▶ Explain the entrepreneurial outcomes for Mr. Thierry.

- **Ohio Model Curriculum Lesson Plans**

Available in PDF from. See directions under Resources below.

- ▶ “Organizing Productive Resources to Make a Profit” – 14 pages
  - This lesson helps students understand ways an entrepreneur organizes a business and takes risks to make a profit. The lesson begins with a review of goods and services, productive resources (resources used to make goods and services i.e., natural resources, human resources, capital goods) and expands to speculation about how businesses make profits.
- ▶ “How We Use Productive Resources” – 13 pages
  - Do you like making and eating candy?  
Your students will enjoy learning about productive resources and eating what they have produced! Students will review the terms goods, services, and opportunity cost, and be introduced to the concept of productive resources through several activities. After participating in these activities, students will create a poster that demonstrates their understanding of productive resources and opportunity costs. This lesson will actively engage students in learning the concepts indicated by providing for various learning styles and abilities. There are elements of individual, pair, and small group work embedded in this lesson.

## INTERNET RESOURCES

- **Primary Sources in the Classroom:** Sensitive Content, The problem of offensive content:  
*<http://www.wisconsinhistory.org/turningpoints/primarysources.asp#sensitive>*
- **“Up Against Authentic History”**
  - ▶ Billy Tally, Center for Children and Technology
  - ▶ *<http://teacher.scholastic.com/professional/teachtech/historysrc.htm>*
- **Ohio Model Curriculum Lesson Plans**
  - ▶ Go to Ohio’s Instructional Management System: *<http://ims.ode.state.oh.us/odelims/Default.asp?bhcp=1>*
  - ▶ Use the search area below the introduction to choose:
    - Search within - choose Lesson Plans.
    - Content Area – choose the Subject Area.
    - Grade Band – choose the grade from the drop down menu.
    - Type in a keyword from the title of one of the above lesson plans.
    - Click search. The site provides a list of possible lesson plans.
    - Navigate (scroll, next) to the lesson’s title and click the download button. The PDF file downloads and opens.
- **Ohio History Central:** *<http://www.ohiohistorycentral.org/>*
  - ▶ History > People > Ephriam Cutler
  - ▶ History > Topics
    - Agriculture in Ohio
    - Agriculture and Farming in Ohio
    - Fur Trade
    - Hopewell Furnace
    - Iron Production
  - ▶ Natural History > Geography
    - The Land
    - Using the Land
- **Economic Spotter:** Lewis and Clark’s Expedition Faces Scarcity:  
*<http://www.econedlink.org/lessons/index.cfm?lesson=EM314&page=teacher>*
  - ▶ Suggested Grades 3 - 5
  - ▶ Key economic concepts: Choice and Scarcity
  - ▶ 1804 - 1806
- **“How Much is That Worth Today?”**  
*<http://www.eh.net/hmit/ppowerusd/> from *Economic History Services*.*  
This website was created in 2003 and has not been updated to show 2005 buying power.

- **“Making ‘Cents’ of Colonial Money”**

<http://www.history.org/media/audio.cfm>

- ▶ Scroll down the page to locate the seven audio clips.
- ▶ An interview with John L. Caramia, Jr., Colonial Williamsburg Program Manager.
- ▶ QuickTime required.

- **“Ohio Taxes Through Time”**

[tax.ohio.gov/documents/publications/2003\\_Annual\\_Report/Ohio%20Taxes%20Through%20Time.pdf](http://tax.ohio.gov/documents/publications/2003_Annual_Report/Ohio%20Taxes%20Through%20Time.pdf)

- ▶ This four page downloadable Acrobat PDF file reviews the history of taxes in Ohio from 1792 under Arthur St. Clair of the Northwest Territory to Ohio’s Bicentennial year.

- **Ohio Treasurer of State**

Kidzone: <http://www.treasurer.state.oh.us/kidzone.htm>

- ▶ “Money & Me” virtual textbook
- ▶ The Ohio Treasury for Kids
- ▶ Money Related Links for Kids

- **National Council on Economic Education:**

Internet Content for the Classroom > Resources > Lesson Plans:

<http://www.ncee.net/resources/lessons.php>

- **EconLink:**

<http://www.econedlink.org>

A premier source of classroom tested, Internet-based economic lesson materials for K-12 teachers and their students connected to maropolo-education.org.

- **EcEdWeb:**

<http://ecedweb.unomaha.edu/K-12/home.cfm> Economics Education Web from the University of Nebraska.

Use the drop down menus at the top of the page: K-5 Economics.

- **Primary Resources:**

- ▶ Library of Congress
  - A table of U.S. exports for the year 1806. “American State Papers, House of Representatives, 10th Congress, 2nd Session Commerce and Navigation: Volume 1.”  
<http://memory.loc.gov/cgi-bin/ampage?collId=llsp&fileName=014/llsp014.db&Page=697>
  - A table of U.S. exports for the year 1811. “American State Papers, House of Representatives, 10th Congress, 2nd Session Commerce and Navigation: Volume 1.”  
<http://memory.loc.gov/cgi-bin/ampage?collId=llsp&fileName=014/llsp014.db&Page=739>

## BONUS MATERIALS – PRIMARY SOURCES

LOCATION	TITLE	SOURCE	LENGTH
CD	1788 Map, Rectangular Township Survey System, Eastern Ohio - Cutler	Scale Drawing	
CD	Belpre Settlement “Farmer’s Castle” - Ebner Batelle	Hildreth Collection Transcripts	5 pages
CD	Compensation for Indian Widow - Rufus Putnam	Hildreth Collection Transcripts	1 page
CD	Donation Land Rules	<i>Pioneer History</i>	1 page
CD	Land Ordinance of 1785, text	Historical document	4 pages
CD	Northwest Ordinance of 1787, picture	Historical document	
CD	Northwest Ordinance of 1787, text	Historical document	5 pages
CD	Ohio Company Meeting - First Settlers	<i>Pioneer History</i>	2 pages
CD	Ohio Company Purchase Map	Scale Drawing	
CD	Proclamation of 1763, text	Historical document	3 pages
CD	Seven Ranges of Townships in Southeastern Ohio Map	Scale Drawing	

## BONUS MATERIALS – INTERVIEWS WITH AN EXPERT

LOCATION	TITLE	SOURCE	LENGTH
DVD	Causes of Conflict: Defending Indian Homeland – Don Secondine	Interview with an Expert	03:54
DVD	Causes of Conflict: The Concept of Land – Louise Zimmer	Interview with an Expert	01:37
DVD	Isaac Williams: Ethical Entrepreneur – Louise Zimmer	Interview with an Expert	01:49

## BONUS MATERIALS – PAINTINGS AND DRAWINGS

LOCATION	TITLE	SOURCE	TYPE
CD	An Overseer Doing His Duty - Latrobe	Paintings/Drawings	water color
CD	Bunch of Grapes Tavern - Blake	Paintings/Drawings	illustration, B/W
CD	Clearing Land	Paintings/Drawings	painting
CD	Departure from Ipswich, MA Dec 1787 – Young	Paintings/Drawings	painting
CD	Emigrants Floating Down the Ohio	Paintings/Drawings	illustration, B/W
CD	Floating Mill	Paintings/Drawings	illustration, B/W
CD	How Could Things Get Any Worse - Griffing	Paintings/Drawings	illustration, color
CD	Pioneer Industries - Young	Paintings/Drawings	painting
CD	Second Mayflower	Paintings/Drawings	illustration, sepia
CD	Soldiers of the Revolution Plan Settlement of Ohio Country – Young	Paintings/Drawings	painting
CD	Spring Trader– Griffing	Paintings/Drawings	illustration, color

WOUB/SHELBURNE FILMS DVD DOCUMENTARY *Opening the Door West*

CHAPTER	CHAPTER NAME	START TIME	DETAILS(S)
2	Ohio Lands	01:14	Resources, environment: Northwest Territory – pre-settler resources and environment
2	Ohio Lands	04:10	Culture – Historic Native Americans of the Northwest Territory
3	Ordinance	00:12	Economics: Ohio Company of Associates
2	Ordinance	00:58	Biographical Sketch: Rufus Putnam
2	Ordinance	04:20	Biographical Sketch: Manasseh Cutler
4	Fort Harmar	03:11	Careers: A soldier’s life in the 1780’s
4	Fort Harmar	04:56	Careers: A soldier’s life at Fort Harmar
5	Adv. Galley	00:54	Careers: carpenter, millwright, blacksmith
5	Adv. Galley	00:56	Transportation: methods of travel, travel conditions for 1787 settlers, Ohio Company history
5	Adv. Galley	01:23	Immigration, Settlement: Ohio Company history, creating a wilderness settlement
5	Adv. Galley	01:49	Careers: boat builders, surveyors
5	Adv. Galley	01:53	Immigration, Settlement: building a wilderness settlement, dreams of a great city
5	Adv. Galley	02:44	Transportation: building flatboats
6	Field of Mars	02:19	Careers: Sawyer, construction
6	Field of Mars	05:00	Education: Ohio Company members - educated, American Revolutionary War officers
7	Adelphi	00:35	Economics: early businesses in Adelphi (Marietta)
7	Adelphi	01:17	Careers: judge
7	Adelphi	01:46	Primary Sources – Letters, Journals: John May – reflection on land as location for the new town
7	Adelphi	02:10	Immigration, Settlement: settlers’ activities during the first few months, raise crops, clear land
7	Adelphi	02:26	Primary Sources - Letters, Journals: Rufus Putnam– trees shade crops, beech and poplar trees were not killed by girdling
7	Adelphi	03:15	Careers: nurse Mary Gardner Owens, 1st female settler of Ohio Company

CHAPTER	CHAPTER NAME	START TIME	DETAILS(S)
7	Adelphi	04:13	Economics: capitol, monthly wages for laborer, Rufus Putnam
7	Adelphi	07:35	Primary Sources - Letters, Journals: J. Barker, judge – July 4, 1788, 96 pound fish caught, eaten
8	Spies & Rangers	01:56	Careers: Virginia scouts and rangers – “Long Knives”
9	Castle	00:52	Early Ohio settlements – Belpre: Belpre (Belle Prairie) – history
9	Castle	01:37	Economics: Agriculture business
9	Castle	01:53	Early Ohio settlements – Waterford : Waterford – history
9	Castle	01:53	Economics: water powered mill business – grist mill, sawmill
10	Starving Year	02:43	Description of the 1990 flood in Marietta – Primary source: J. Barker
10	Starving Year	03:57	Economics: Virginian Isaac Williams sells goods ethically to help during the starving year
10	Starving Year	06:59	Immigration – French: French settlers, tricked by dishonest salesman, land in Marietta
10	Starving Year	08:32	Early Ohio settlements - Gallipolis: Gallipolis, history “City of the Gaulles”
10	Starving Year	08:50	Careers: baker – a Frenchman starts a bakery in Marietta
11	Big Bottom	10:11	Primary Sources – Letters, Journals: S. Hildreth – description of farming while under constant threat of attack
12	Door Opens	04:03	Economics: The end of the Ohio Company
12	Door Opens	06:07	Economics: Ohio Company, profit not realized, investors did not become wealthy.
12	Door Opens	08:42	Credits: Staff, cast, participants/re-enactors, music, graphics