

**Muskegon Area Intermediate School District
Standards Based Thematic Unit**

Section I

Unit Title: Cityscapes: A Gathering of Swans

Content Area(s): Social Studies

Grade Level: 5

Duration: 2-3 weeks

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School District: Whitehall

School Year: 1999-2000

Unit Summary Description:

This unit is designed to supplement the poster icon titled, "A Gathering of Swans." It's primary objective is to focus on the geographic perspective while emphasizing an awareness of the myriad of opportunities available in Muskegon County. It is easily adapted to other regional locations and age groups.

Thematic Statement: Knowledge of the natural relationships of the geographic perspective will help us to understand the physical features, cultural aspects and interdependence of our world.

Focus Questions:

1. How do people know exactly where things are? (location)
2. Have patterns of and reasons for movement affected the interconnection of systems among areas of North America? (movement)
3. Compare the natural and manmade features of cities in order to determine their unique similarities and differences? (place)
4. Do people have responsibilities to consider with regard to the rights of others when making community changes? (human-environment)
5. How can a region evolve and change? (region)

Performance Demonstration: The students will be able to transfer knowledge gained from each of the activities in this unit into an advertising campaign designed to promote pride in the area known as Muskegon County or another if the teacher chooses. As part of this culminating effort they will assemble information gleaned on each of the geographic themes. The components of the activity follow. Each group should prepare a visual and oral presentation of their region. Beyond the geographic themes, they should include such things as cultural, economic, physical and perhaps historical items. The presentation should include the advantages of their region. In addition, they should complete one or more of the following: a bumper sticker, a map, a T-shirt logo, and a theme song. See presentation rubric (appendix G).

Section II

Major Unit Activities	Benchmarks Addressed	Assessment	Teacher Reflection
<p>“Looking at Location! How Do We Know Exactly Where Things Are?”</p> <p>I. Have students use the map of Muskegon County (appendix A) to Locate familiar landmarks. Choose a place such as a business or Tourist attraction on the regional map. Have students write a description of that specific place using cardinal, intermediate, and Physical descriptions. Choose a student to read their description, see If students can find it. Extension: map scale</p>	<p>S.S.II. 4.1 SS II. 3.1 LA 1.1</p>	<ol style="list-style-type: none"> 1. Are students able to locate using terminology easily? 2. Do the sketches follow criteria including topics requested? 	<p>Students should show an understanding and an ability to apply the concrete concepts to other locations.</p>
<p>II. Have students in pairs created their own economic or tourist based sketch map of the region (appendix B). Discuss the major kinds and characteristics of economic activity featured in this region and what factors have influenced their location. Discuss what makes this place a special region.</p>	<p>S.S.II.1.1 SS II.4.1 LA 1.</p>	<ol style="list-style-type: none"> 1. Did students work cooperatively in groups? 2. Were students able to correctly link origins of raw materials with the location of processing? 	<p>When this project completed, the concepts of influence (such as the abundance of water, and sand for chemicals and mining) can be extended in a compare or contrast with another region in Michigan or the United States using print and Internet resources.</p>
<p>“Our Connections With The World.”</p> <p>III. Background information. Discuss what is a system? Ask the students to list as many systems as they can (telephone, school etc.). List some of the suggestions on the board. Why are they systems? What are their component parts? What happens if one part is not functioning? Help the students apply the concept of systems to geography (for example, transportation, rivers). Divide students into groups of four or five. Give each group the handout (see appendix D) on how to make a piece of paper. Discuss the systems' sequential order. Have students list the raw materials on a sheet of paper (appendix C).</p>	<p>S.S.II 2.2 S.S.II 3.3 LA 7.1</p>	<ol style="list-style-type: none"> 1. Did students participate in discussions demonstrating an understanding of systems and interdependence? 2. Did the students work cooperatively in small groups? 3. Were students able to correctly link origins of raw materials with the 	<p>Collaborate with the school media specialist in order to have appropriate resource materials available for the students. Remind students that they have been studying a system. The paper system is just one part of a gigantic interconnected system of communication, which sometimes has problems</p>

<p>IV. Use maps, charts, and magazine articles to locate where the raw materials come from.</p> <p>V. Have students create a map poster using yarn to connect the raw material place of origin with the Muskegon County fine paper mill.</p>		location of processing?	and breakdowns. Have a students think about such problems and alternative solutions to possible breakdowns. Possibilities include local weather disasters, human resource issues, deficiency in energy sources or even changes in demand for the product
<p>” A Jewel in a Region.”</p> <p>VI. Ask the students to describe the kind of place in which they would like to live. Brainstorm about the geographic features and characteristics of cities that they feel would create a positive image or give a city unique qualities. Note these on the board. What would they list as a negative or undesirable feature? What characteristics come to their minds regarding their own city? Choose "Jewel" cities within a region of comparable size to Muskegon from somewhere in the United States (appendix E) Divide students into groups of 2-3, assign one region and jewel city to each group. VII.</p> <p>VII. Have each group research the geographic features and cultural aspects of the assigned city/region. Have the groups analyze the data and select one "jewel" that the group finds most desirable. Have the group’s report on their choices and explain why they feel that this particular chosen place is the best.</p>	<p>S.S.II 1.1 S.S.II 4.4 LA 8.3 LA 7.1</p>	<ol style="list-style-type: none"> 1. Students should be able to recognize and appreciate the special qualities that make each environmental "jewel" unique according to the humans that developed them. 2. Students should be able to analyze physical and cultural aspects of a city and evaluate what might be considered useful and appealing. 	Familiarize students with the uses of almanacs and atlases. Collaborate with the media specialist and that center in order to expand the students’ data base.
<p>“A Gathering of Swans: A Timeline of Muskegon County”</p> <p>VIII. Use the poster, “A Gathering of Swans” to building enthusiasm for The various components and titles of local history. Use the basic Outline and offered headlines (appendix F). It would be a good idea to separate and color code each level of interaction and sphere of Influence. Add Michigan and the USA interactive events for</p>	<p>S.S.II 1.1 S.S.I. 2.1 SS I. 3.1 LA 3.5</p>	<ol style="list-style-type: none"> 1. Was the material clearly presented in sequential order? 2. Were events and people detailed in words or illustration on each of the 	Work with the media specialist to provide support materials as this activity can be diverse, extensive, and exciting.

Continuity and understanding of the greater picture.		three levels?	

Section III

Sources/Texts

Current Newspapers/magazines

Anthology United States, Mcmillan/McGraw-Hill

Michigan Curriculum Framework. Michigan Department of Education, 1998

Catton, Bruce. Michigan: A Bicentennial History. New York: WW Norton, 1976.

Cool Web-Sites. REMC 12 & REAC

Deur, Lynn. Settling in Michigan and Other Pioneer Stories. Spring Lake: River Road, 1992.

Deur, Lynne & Sara Michael. The Making of Michigan, Spring Lake: River Road, 1987.

Kyes, Alice Prescott. Romance of Muskegon. Muskegon: Muskegon Chronicle, 1937.

Mapquest. (CD-ROM). Geosystems Global, 1998.

May, George. Pictorial History of Michigan. Grand Rapids: Eerdman's, 1967

Multimedia Michigan. (CD-ROM) Wayne County Regional Educational Service, 1997

Okkonen, Marc. Muskegon Stories. Muskegon: Muskegon Chronicle, 1998.

Read, Frederick. A Long Look at Muskegon. Benton Harbor: Patterson, 1976.

Trip Planner. (CD-ROM) Washington DC: National Geographic. 1999

websites

[www. ncss. org](http://www.ncss.org). (National Council for Social Studies)

[www. history.org/nche/](http://www.history.org/nche/) (National Council for History Education)

<http://atl46.atl.msu.edu/hsm.html> (Michigan Council for History Education)

<http://multimedia2.freac.fsu.edu/ncge/mission/html>. (National Council for Geographic Education)

people

Collette Klukos, poster artist for “The Gathering of Swans”

Florence Bright, poster writer for “The Gathering of Swans”

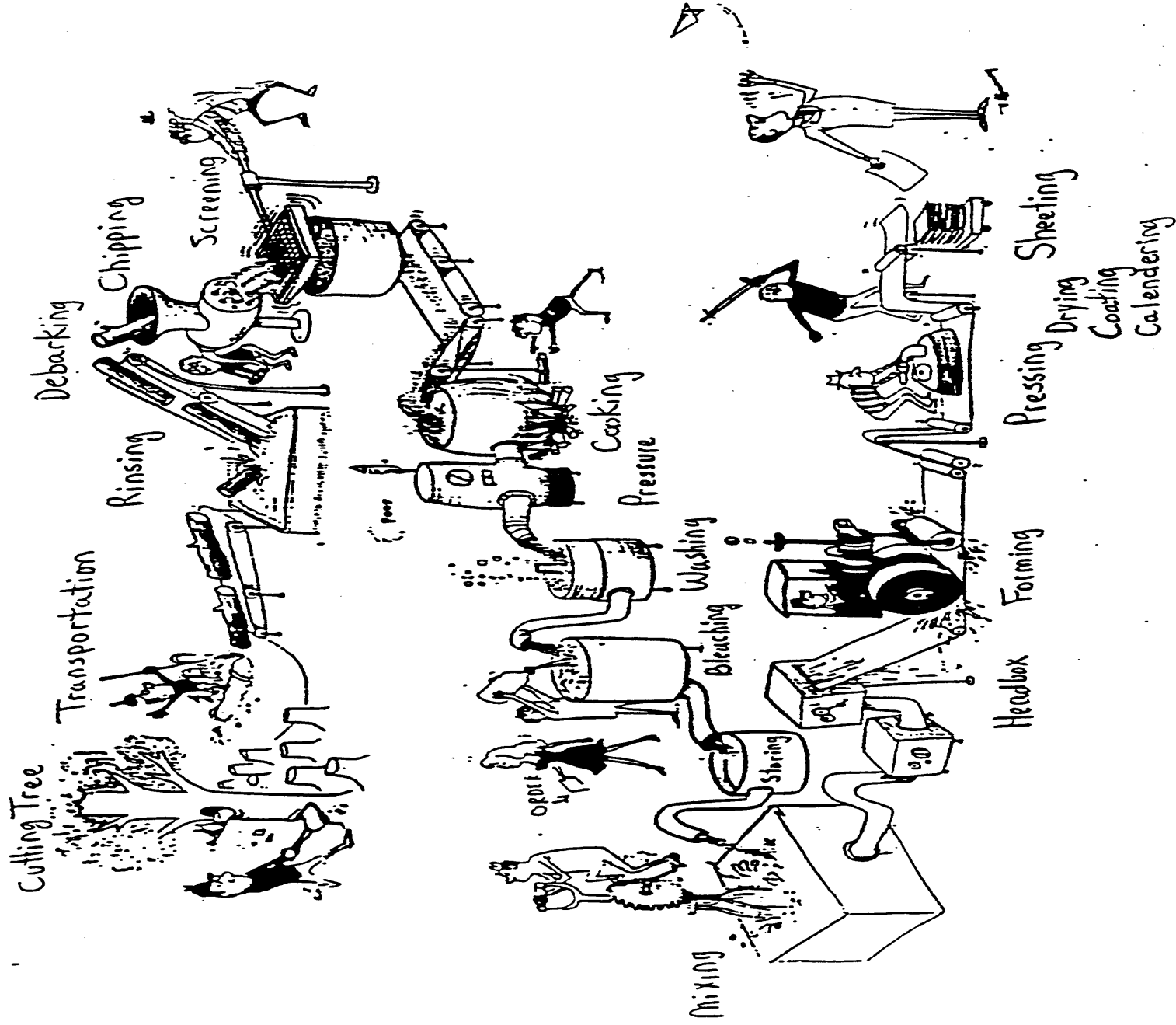
Appendix (to include examples and detailed plans as appropriate):

Section IV

TIMELINE/CALENDAR

Month:	Monday	Tuesday	Wednesday	Thursday	Friday
WEEK: Sept.	I	I	II	II	III
WEEK: Sept.	III	III	IV	IV	IV
WEEK: Oct	V	V	VI	VI	VII
WEEK: Oct.	VII	VIII	VIII	VIII	VI

HOW TO MAKE A PIECE OF PAPER



Appendix C

“Our Connections with the World”

Resource for activity: Sappi Fine Paper Mill
Muskegon, MI 49441
Attn: John Rock, QC, (616) 759-5224

Product: High quality paper in 2 form rolls and sheets

Destination: The high Grade product can be found in many fine magazines such as National Geographic and the Smithsonian, for example. Other uses are quality greeting card stock, textbooks, maps, and brochures for automobile and travel destinations.

Raw materials resource list

Trees: 10% soft wood pulp fur, spruce, pine Marathon, Ontario
17% recycled (either rejected or printed recyclable material)
73% hardwoods – maple, aspen, 100-300 Mile radius of Muskegon County

Resource list

Coating: for smooth finish

- a. Calcium carbonate (ground limestone) Vermont
(eliminates roughness)
- b. Titanium dioxide (dye) New Jersey
- c. Clay Georgia

Binder Materials – To size (hold) the pigment to the paper product

- a. Starch (corn) Iowa
- b. Latex (synthetic) Midland, MI

Mode of transportation: 20% Railroad, 80% truck

A Simplified Overview

Paper is made chiefly from a wood fiber base because it is strong, and easily accessible at a low cost. Trees (or wood chips) are rinsed, debarked, chipped, then combined with recycled materials into a slurry. A paper machine screens the excess water out through a screen. The mix is then pressed (or cooked) under pressure at a high temperature. Depending on job requirements, the paper is washed, rinsed, and fillers such as clay, calcium carbonate, titanium dioxide are added for opacity, brightness (bleaching) and smoothness. Fillers, (sizing agents) are mixed in to control liquid penetration of the product such as starch and latex. Giant machines, similar to the ones pictured, continuously dry and coat the paper into enormous rolls. The paper gloss occurs during pressing or calendering.* Afterward, the final product is cut into smaller rolls or sent on a conveyor belt and boxed into sheets.

Calendering – A machine designed to mechanically develop the desired finish.

Questions – eliminate the “see through” problem

Appendix E

"A Jewel in a Region"

Common characteristic list might include:

- *Population
- *Ways to get around
- *Sports teams
- *Most recognizable features
- *Largest newspaper
- *Major industries
- *Where to visit
- *Where it is

Possible comparable regions and city with comparable population choices include:

Northeast

Southeast

Midwest

Northwest

Southwest

Far West

Philadelphia

Memphis

Muskegon

Portland

Dallas

(1,600,000)

(610,000)

(500,000)

(437,319)

(1,006,877)

San Francisco (724,000)

*Population source: Scholastic Network

Appendix F

Part III “Gathering of Swans: A Timeline of Muskegon County”

These are only suggested dates and headings, events and people, there are many more. See the Bibliography for support resources. Note: This proposed calendar begins with the first settled people of the Muskegon County Region.

1608-1711 The French Come to Michigan – Fur is King!

Missionaries & Priests

Father Marquette and Joliet

1750 - First Michiganians

Ojibwa Menomonee

Ottawa Huron

Potawatomi Miami

1750 – 1784 The British Influence – A New Frontier

- Revolution (USA)

1784 – 1814 Michigan Joins the USA

- surveys

- Northwest Territory

1812 – War of 1812 (USA)

- We sent soldiers.

1815 – 1830 – New Settlers – The New England Influence

- New Jersey, Connecticut, Massachusetts, Vermont, Ohio

- Farmers arrive and settle

1830 – 1855 Toledo War (Andrew Jackson)

- Michigan Fever – pioneers

- Population explosion

1810 – 4,762 1840 – 212,267

1820 – 9,896 1850 – 397,654

1830 – 31,639

- Railroads

- Copper

1832-1865 – Slavery

(1845 – 1859) “The Man with the Branded Hand”

*Captain John Walker & wife

1840 – 1850) – Muskegon develops into a Port City

1865-1913 – Lumbering – 40 + Millionaires in Muskegon County!

Charles Hackley, Thomas Hume

Sawdust – gristmills

2 man cross cut saw invented (more efficient)

1860-1870 Lumbermen drilling for salt find Oil!

1871 – Incredible Fires in Michigan

1860 –1975 Economic Activities Evolves

Milk, corn, soybeans, beef, pork, sugar

Fishing, Factories, Shipping

1890-1950 – Automobile – Detroit Influence is Power

1914-1929 – Gangsters, Rumrunners, and Flappers!

1930-1940 – Depression (USA)

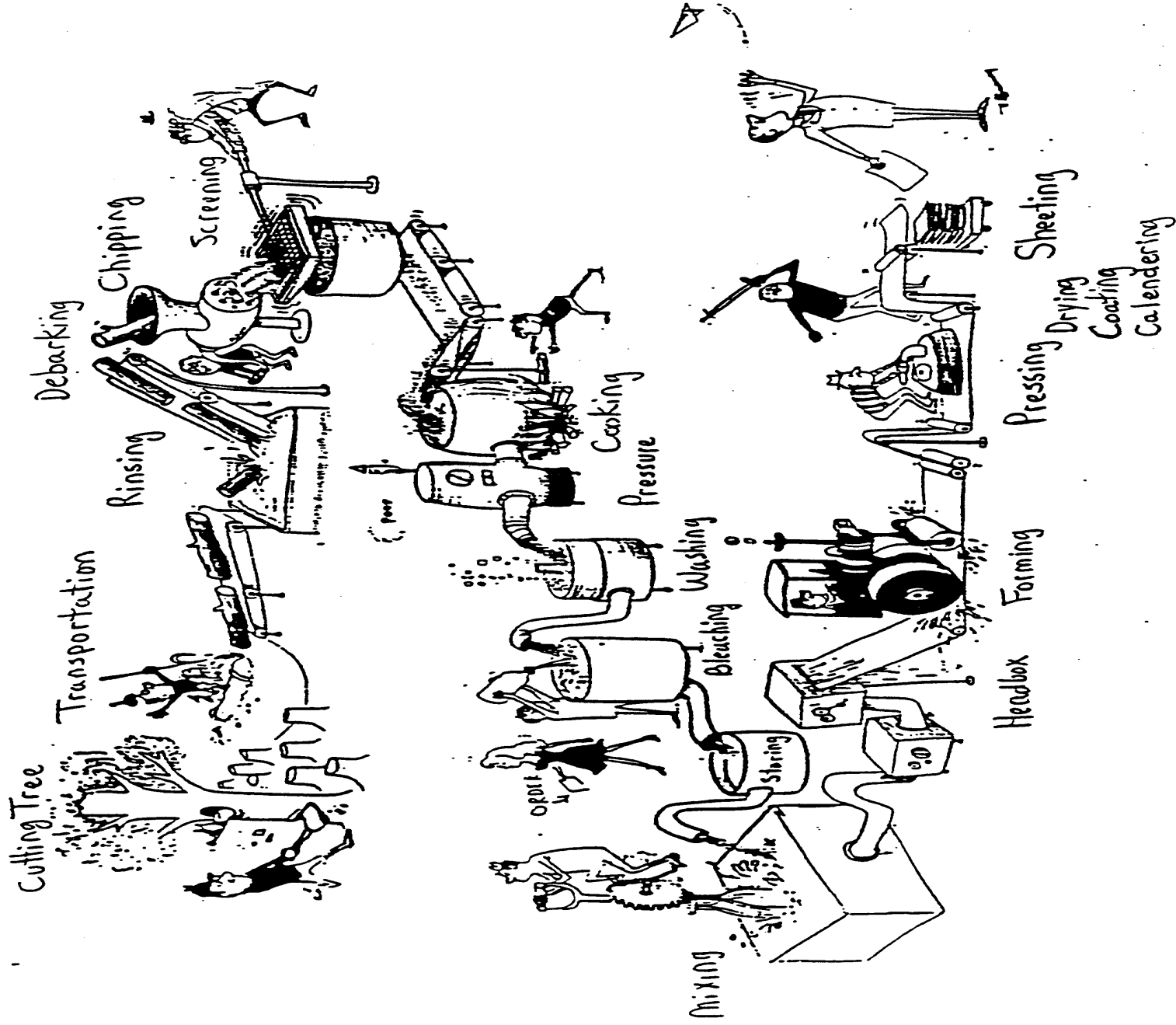
- WPA, CCC, Unions

1940-1945 – World War II

1946 – 1954 Muskegon Lassies – Woman’s Baseball

1945 – present Tourist Influence

HOW TO MAKE A PIECE OF PAPER



Appendix A - B

Local Economic/Tourist Highlights

*This list is NOT inclusive, it is designed to provide a beginning point only.

Geographic locations

- Muskegon Lake
- Bear Lake
- White Lake
- Pigeon Hill

PJ Hoffmaster

- Muskegon State park
- Duck Lake State Park
- Michigan's Adventure

Industry

- Bowmer (Whitehall)
- Bronswick
- Saggi Fine paper Mill
- SPX

- Hackley & Hume Horn
- Silverrides Submarine

