

# **MAISA and the REMC Association of Michigan Best Practices in Technology Integration Plan**

**Title: An Alphabet Book of Michigan**

**Subject(s): Social Studies, Language Arts**

**Intended Grade Level(s): Fourth Grade**

## **Description:**

The purpose of this lesson is to have students identify and research items related to Michigan. Students will be assigned a letter of the alphabet and will research topics associated with that letter. Each student will create a HyperStudio stack based on their letter. The final project will be a series of HyperStudio stacks that will contain information about Michigan.

## **Curriculum Benchmarks:**

[MI.SOC.I.2.LE.3](#) Recount the lives and characters of a variety of individuals from the past representing their local community, the state of Michigan and other parts of the United States.

[MI.SOC.I.3.LE.3](#) Compose simple narratives of events from the history of the state of Michigan and the United States.

[MI.SOC.II.1.LE.3](#) Locate and describe the major places, cultures, and communities of the nation and compare their characteristics.

[MI.SOC.II.4.LE.1](#) Draw sketch maps of the community, region, and nation.

[MI.SOC.II.4.LE.5](#) Describe the Great Lakes ecosystem, and explain physical and human processes that act upon them.

[MI.SOC.V.1.LE.1](#) Locate information about local, state and national communities using a variety of traditional sources, electronic technologies, and direct observations.

[MI.ELA.1.LE.1](#) Use reading for multiple purposes, such as enjoyment, gathering information, learning new procedures, and increasing conceptual understanding.

[MI.ELA.3.LE.1](#) Integrate listening, speaking, viewing, reading, and writing skills for multiple purposes and in varied contexts. An example is using all the language arts to prepare and present a unit project on a selected state or country.

[MI.ELA.8.LE.1](#) Identify and use mechanics that enhance and clarify understanding.

[MI.ELA.11.LE.2](#) Identify and use the kinds of resources that are most useful and most readily available for the particular questions or topics they wish to investigate.

**Materials/Hardware/Software:**

- Access to the Internet and World Wide Web
- HyperStudio from Roger Wagner Publishing
- Digital camera
- Scanner
- Reference and non-fiction material (print and non-print) pertaining to Michigan.
- Activity Sheet (attached)

**Activities/Procedures:**

1. Media Specialist and Classroom Teacher have designed this project together.
2. Explain to students that they will be creating a HyperStudio stack on Michigan and show examples (if you have them) of previously done stacks so the children have an idea of what you are expecting.
3. Assign students a letter of the alphabet.
4. Brainstorm a list of items that relate to Michigan. This list is an example of ideas the children brainstormed.

Dennis Archer, Apple Blossom, Cadillac, Detroit, Detroit Pistons/Lions/Tigers/Red Wings/Vipers, Lake Erie, John Engler, Edmund Fitzgerald, Grand Traverse Bay, Lake Huron, Henry Ford, Isle Royale, Joe Louis, Kellogg, Great Lakes, Lake Michigan, Mackinac Bridge/Island, Motown, National Museum of Tuskegee Airmen, Nickname, Lake Ontario, Oakland County, Petosky, Potawatami, Chief Pontiac, Robin, Rochester, Soo Canal, Sleeping Bear Dunes, Tahquamenon Falls, Model T, Upper Peninsula, U Of M, Chris Van Allsburg, Wayne State, White Pine, Coleman Young, Zilwakee Bridge.

5. Each topic requires an activity sheet to be completed. Students write their information and keep track of their sources for information and graphics.
6. Students will need to be taught HyperStudio. They need to know how to start the program, load a stack, save a stack, and add graphics, text objects and buttons.
7. As students locate images to use in their stacks, teach them how to scan.
8. Students will be gathering information from the Internet. They will need to

know how to search and copy images.

9. When the students have gathered all of their information they are then ready to start work on the computer.

**Assessment/Evaluation:**

The teacher and media specialist observe student activity. At the conclusion of each session in the media center, each students what they accomplished in the 1-2 hour period. They also give themselves a grade for effort. A - they worked the entire time (on their project or helping others) B - worked most of the time C - did not use their time wisely, not on task, did not get a lot done. ( See attached sheet)

HyperStudio Rubric for **An Alphabet of Michigan**

	A	B	C
Content	3 or more topics on letter. Covers topics in depth. Uses own words & correct English and mechanics. Includes Bibliography.	2 topics on letter. Gives more than basic information on topic. Uses own words & correct English and mechanics. Includes Bibliography.	1 topic on letter. Basic information. Uses own words & correct English and mechanics.
Technology	Each card includes graphic, text, and buttons that move correctly. Includes button that tells extra information about the topic. Has more than 1 graphic for at least one topic. Uses advanced HyperStudio features	Each card includes graphic, text, and buttons that move correctly. Includes button that tells extra information about the topic.	Each card includes graphic, text, and buttons that move correctly. Graphic fits topic.
Design and Layout	Outstanding, colorful, easy to read. Makes readers want to learn more.	Attractive, colorful, easy to read, (text box and font size appropriate)	Plain, sometimes difficult to read (font, size, color)

**Follow-up Activities:**

1. Each students cards will be printed and assembled in a class book.

- 2. HyperStudio stack will be presented to other fourth graders & at the technology open house
- 3. Develop a Question and Answer sheet for other students to answer about Michigan.

## An Alphabet of Michigan

Name \_\_\_\_\_ Letter \_\_\_\_\_

1. Topic: \_\_\_\_\_

**Information I found that I want to include in my text box:**

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**I used:**

**Title:** \_\_\_\_\_

**Author:** \_\_\_\_\_

**Publisher and place:**

\_\_\_\_\_

**Copyright date:** \_\_\_\_\_

**I found a graphic for this topic YES NO, I am going to draw a graphic-**

**IF YES, I found it:**

**Title:** \_\_\_\_\_

**Author:** \_\_\_\_\_

**Publisher and place:**

\_\_\_\_\_

**Copyright Date:** \_\_\_\_\_

**Other:** \_\_\_\_\_

**My button for extra information will say:**

\_\_\_\_\_

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**Name: Claire Kruse, Media Specialist & Madelyn Teasley, 4th grade teacher**

**School District Rochester Community Schools**

**School Hampton School**

**Address: 530 Hampton Circle, Rochester Hills, MI 48307**