

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

**Title:** Career Exploration Using HyperStudio 3.1

**Subject(s):** Career Awareness and Employability Skills This project is appropriate for any subject or content area focusing on related careers including but not limited to social studies, science, language arts, math, physical education, music or art.

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

*Editor's note - The Hyper Studio stacks can be found on the CD in the folder bstpract/008*

View the sample HyperStudio Stacks

[Landscape Architect](#)

[Neonatologist](#)

[Pilot](#)

**Description:** The purpose of this project is to have all eighth grade students select a career that is of interest to them and research to find specific information related to that career. Students will become aware of what courses they should consider pursuing in high school, what skills they need to develop, and other related educational opportunities that may be available in order to help them prepare for their future.

Students will use HyperStudio 3.1 to create a nine card stack using information retrieved primarily from the M.O.I.S. (Michigan Occupational Information System), or from Web sites, e-mail or personal interviews. Career information must include a general description of the career, working conditions, skills required, tools or equipment used, helpful high school subjects, salaries, and employment facts. One card included in the project contains information about the student who is doing the project.

All fifth through eighth grade students have access to the careers projects created by students in the Ida Middle School Careers Exploration Class. The projects are kept on a server that can be accessed by students at any time.

**Curriculum Benchmarks:**

**MI.ELA.1.MS.1.** Use reading for multiple purposes, such as enjoyment, clarifying information, and learning complex procedures.

**MI.ELA.1.MS.2.** Read with developing fluency a variety of texts, such as a short stories, novels, poetry, plays, textbooks, manuals, and periodicals.

**MI.ELA.1.MS.3.** Employ multiple strategies to construct meaning, such as generating questions, studying vocabulary, analyzing mood and tone, recognizing how authors use information, generalizing ideas, matching form to content, and developing reference skills.

**MI.ELA.1.MS.5.** Respond to a variety of oral, visual, written, and electronic texts by making connections to their personal lives and the lives of others.

**MI.ELA.2.MS.1.** Write fluently for multiple purposes to produce compositions such as personal narratives, persuasive essays, lab reports, and poetry.

**MI.ELA.2.MS.3.** Plan and draft texts, and revise and edit their own writing, and help others revise and edit their texts in such areas as content, perspective, and effect.

**MI.ELA.2.MS.3.** Select and use appropriate language conventions when editing text. Examples include various grammatical constructions, subject-verb agreement, punctuation, and spelling.

**MI.ELA.3.MS.1.** Integrate listening, viewing, speaking, reading, and writing skills for multiple purposes and in varies contexts. An example is using all the language arts to prepare and present a unit project on career exploration.

**MI.ELA.3.MS.5.** Respond to a variety of oral, visual, written, and electronic texts by making connections to their personal lives and the lives of others.

## **Materials/Hardware/Software**

To complete this project students should have access to the following:

## **Optional**

- Access to the Internet and the World Wide Web

## **Essential:**

- HyperStudio 3.1 from Roger Wagner Publishing (Mac or Windows) Roger Wagner Publishing, Inc.

1050 Pioneer Way, Suite P  
El Cajon, California 92020  
Customer Service: (800) 421-6526  
email: [Service@hyperstudio.com](mailto:Service@hyperstudio.com)  
<http://hyperstudio.com>

- MOIS for Windows  
Michigan Occupational Information System  
611 Hagadorn Road  
Mason, MI 48854  
MOIS is sponsored by:  
Michigan Jobs Commission  
Michigan Department of Education  
Ingham Intermediate School District  
Information: (517) 244-1338  
<http://www.mois.org>

- A copy of the instruction sheet for students to use as a project model  
Project worksheet with instructions for development (included)

## **Activities/Procedures:**

### **Teacher Pre-activities**

The teacher needs access to computers which have HyperStudio 3.1 installed. This version has a spell checker included.

The teacher needs access to at least one computer which has MOIS for Windows installed.

The quick data method:

Students meet individually with the teacher or media assistant select their career interest. The teacher prints the full MOIS script which usually consists of 10 to 13 pages of information. Using a laser printer is very time saving.

Twelve full scripts can be run in one class period while students are working on other activities. Each student needs the MOIS information in order to begin the project planning.

The following takes much more time as a pre-activity:

The students may be taught how to access information using the MOIS for Windows. Once each student has identified a career interest, the student may view the script and take notes relating to essential information needed for the project, or the script may be printed for each individual. Time allocations must be considered if laser printers are not available.

The best setting for project completion is in a computer lab. Access to fewer individual computers would be reasonable only if small numbers of students were involved in the project.

The Ida Middle School project is planned for 10 to 12 contact hours with 33 to 36 students which involves a minimum of two weeks with 50+ minute classes daily. Students may or may not have had experience using HyperStudio.

## **Day 1 - Project Introduction**

Students are given time to explore Careers projects that have been created by other students. They are asked to look for the kinds of things that they would like to include in their own projects. Draw attention to effective visual transitions, use of graphics, colors, page layout, choice of font and size.

Students are given printed instructions which serve as a visual template for their own projects. The instructions are intended to assist students who have no experience using HyperStudio as well as provide a focus for product development.

Each student is given an evaluation sheet that is to be scored by the teacher when the project is completed. This allows each student to know how he or she will be evaluated before the project begins.

Students create, design and save the first card which is the home card to which all buttons connect.

Projects are saved to a fileserver; however, projects may be saved to individual 3.5 disks, or a computer hard disk.

Pace the project to develop at least one card per day.

Project instructions for development:

Begin by making a new stack.

Save your stack with your Career Name and HS for HyperStudio

For example, Save As ... Engineer HS or Pilot HS

Design a “cool background” for your title card.

Tear off the Tool palette by clicking your mouse and pulling it down through the tools.



Place it on the side of your card.

Do the same with the Colors palette.

Place it right below the Tool palette

Design a colorful background using these tools.

**Save your stack frequently!**

Click on Objects, and pull down to Add a Text Object

Place the textbox where you want to place the name of your career. Type the career name in the textbox.

Choose any size, color, font and background for your text.

Add 8 buttons to this card to the main card.

Click on Objects and pull down to Add a Button.

Name each button, click OK.

Place each button where you want it.

Click outside of the button.

Click Done

You can make new cards later and connect the buttons to those cards at that time.

**Save your stack again!**

C a r d

C a r e e r

Education

Skills

Name

Your

Tools

Salary

General

Employment

Working

## Day 2 - Card 2

Create a card that has information about you.

Click on Edit and pull down to New Card.

A new blank card will be there for you to add information.

Click on Objects and pull down to Add a text Object.

Fill the textbox with information about yourself.

Draw a picture or import some graphic related to something about you.

If you want to bring in a graphic object, click on Objects and pull down to Add a Graphic Object.

Direct your computer to where the graphic that you want is stored.

You may wish to take a picture with a Digital Camera.

You may scan a picture and include that also.

**Save your stack frequently!**

Tell about yourself on this card.  
What are your interests and hobbies? Tell why you are interested in this career. What are your strengths that will make you successful? Describe some hopes and dreams that you have for your future. What are your



Add **one button only** that connects each card to your main card.  
Use an icon ( arrow or left pointing hand).  
Connect this button to your main card.



**Save your stack!**

**Important:**

All return buttons must connect back to your main card.

Check to make sure that all buttons connect to the correct card.

**Do NOT** use sounds in your buttons.

Last of all, use the Storyboard to arrange all cards in the correct order.

Card

Skills
Tell or
Add

Card

Tools
What
Add

Card

Helpful

List  
required  
school

Add  
draw

Card

Salarie

Indicate  
available  
Michigan

Add  
draw

Card

Employment

List  
employment

Add  
draw

**Assessment/Evaluation:** Give this to students on Day 1 of the project.

**HyperStudio Project Evaluation for** \_\_\_\_\_

**Information**

Detailed information on each card	Limited	Good	Excellent
Writing is clear and grammatically correct	OK	Good	Excellent
Correct spelling on all cards	5+ errors	1-4 errors	Excellent
Accurate use of MOIS information	No	Somewhat	Excellent

**Technical Skills**

All buttons connect to correct cards	No	Yes
Return buttons are hand or arrow icons	No	Yes

Use of visual transitions between cards	No	Yes
Correct storyboard arrangement	No	Yes
Text objects have been changed to Read Only (Do this just before final evaluation)	No	Yes

**Artistic Presentation**

Graphics match content of card	Somewhat	Usually	Always
Thoughtful placement of graphics	OK	Good	Excellent
Text layout and readability	OK	Good	Excellent
Choice of colors	Lacks planning	Thoughtful	Thematic

**Extra Credit**

- You have added additional informational card/s.
- Your project demonstrates outstanding artwork.
- The overall quality of your project is outstanding.
- You have used the MOIS and other additional resources as well.
- You demonstrate teamwork skills by helping others.

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

Less than 70	Incomplete	70 - 79	OK
Project Grade	_____	80 - 89	Good
Excellent	100	Superior	90 - 99

Notes:

The teacher reviews the project with individual students. Each project is evaluated in terms of project criteria. Students are encouraged to proofread carefully and help others proofread before the final evaluation. Occasionally, extra credit points for teamwork or helping others are added to the evaluation score after a project has been evaluated.

Sound is not recommended for this project. When projects are stored on a server; memory size is a consideration. This is also true if the project is to be stored on a 3.5 disk. Students often use sounds that are fun but have no connection to the task or purpose of the assignment. Using sounds in a busy computer lab is also difficult and tends to be very distracting.

## Follow-up Activities:

Students work at different paces; some may complete the project in 5 to seven days. Activities used to extend and enhance students' experiences may include the following:

1. MOIS scripts have a section at the end of each with addresses to write for additional information. Occasionally a web site is suggested, and occasionally an email address is offered. Students are encouraged to contact sources regarding specific interests that they have.
2. Students may use the web to explore other careers
  - 1996-97 Occupational Outlook Handbook
  - <http://www.umsl.edu/services/govdocs/ooh9697/20.htm>
  - <http://www.jobtrak.com/outlook/oco1000.html>
  - 1998-99 Occupational Outlook Handbook
  - <http://stats.bls.gov/ocohome.htm>
  -
3. HyperStudio projects are placed on a file server in a Careers Explorations file allowing all students the opportunity to view the work of other students.

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