



# Teaching With Technology

Teacher DPPD Day #1

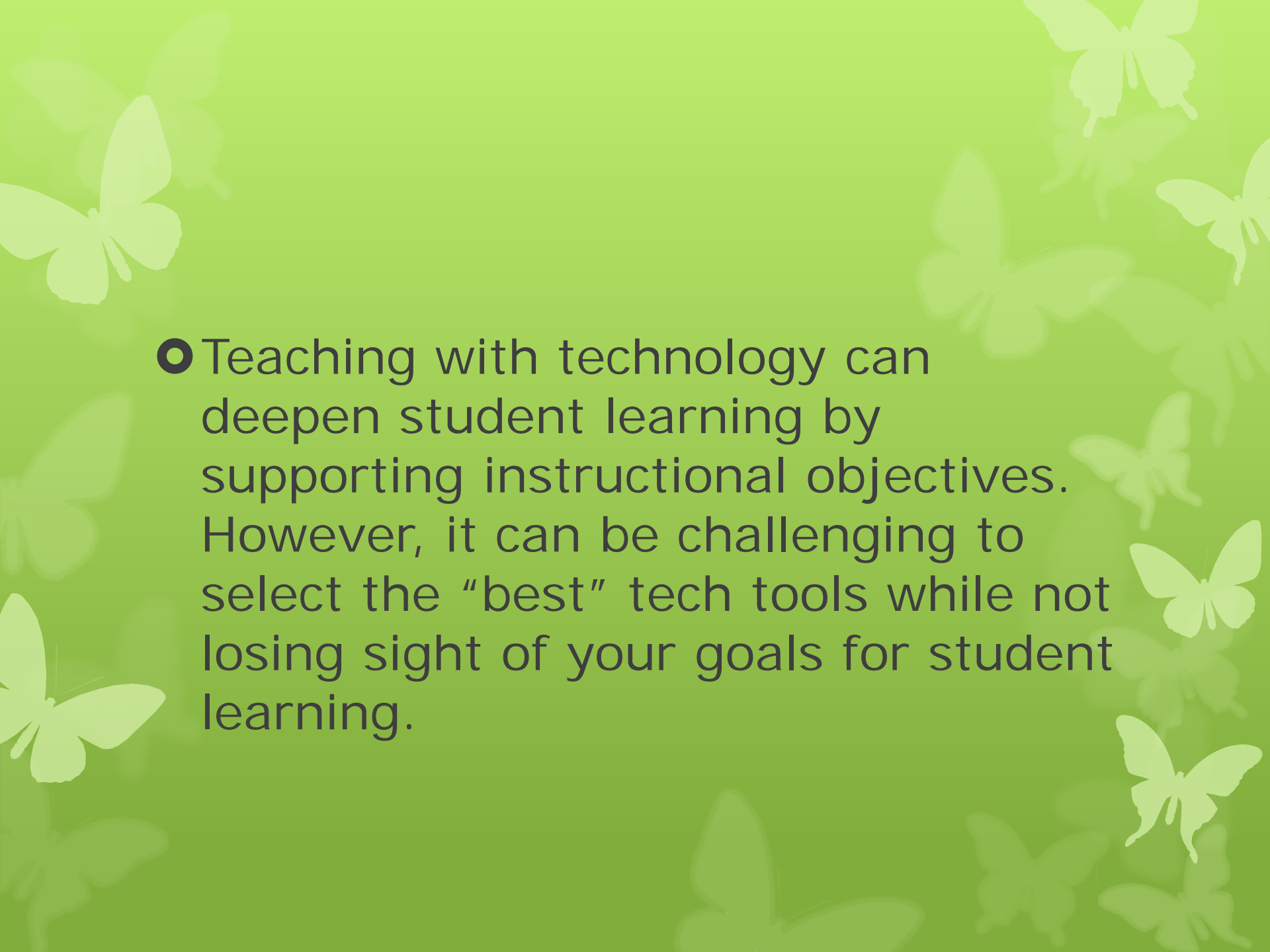
**Pickford Public Schools**

August 25, 2014

Barb Fardell

Manager, Educational Technology



- 
- Teaching with technology can deepen student learning by supporting instructional objectives. However, it can be challenging to select the “best” tech tools while not losing sight of your goals for student learning.

# Tech Tools Covered Today

- Michigan eLibrary
- Michigan Online Resources for Educators
- Tools for Distance Learning
- Some extras you may find helpful

# Michigan eLibrary 2014

**NEW and IMPROVED!**



# "New" MeL

- [MeL Homepage](#)
- Discovery Service
- Header and Footer
- Information Boxes
- MeL Databases
- MeL Gateways
- Contact/Help/Promotions

## **New MeL Resources**

- New Business Resources – Added June 2013
- New Early Literacy Resources – Added Fall 2013
- LearningExpress Library 3.0

# "Old" MeL

The screenshot shows the Michigan eLibrary website. At the top left is the Michigan Department of Education logo. The main header features the text "Michigan eLibrary" and "Reference seek information Digital Job Seekers college". On the right, there is a photo of a woman using a laptop and the text "MICHIGAN.GOV Michigan's Official Web Site". A navigation bar below the header includes links for Michigan.gov, MDE, Library of Michigan, MeL Home, Contact, Promotions, MyMeLCat, About, and Help.

**MICHIGAN eLIBRARY**  
**meL**org

Michigan's 24/7 Library

- Full Text Magazines and Newspapers
- Tests and Tutorials (GED, ACT, Careers, etc.)
- Find Jobs!
- Database Tutorials

**MeL Subject Gateways**

- Books and Reading
- Business and Jobs
- Genealogy
- Health and Wellness
- Kids
- Legal
- Reference Desk
- Teens

**MeL Databases**  
Read full text articles from magazines and newspapers; find current reference sources; use advanced search functions

**MeLCat**  
Order books, audio books, music, movies and other materials delivered to your participating library

**M.O.R.E.**  
Michigan Online Resources for Educators: Find lesson plans and curriculum aids searchable by subject or state standard

**Featured Resources**  
Includes info on broadband activities in Michigan and other evolving topics of statewide and national interest.

**MeL Michigana**  
Explore Michigan's heritage through photographs, diaries, oral histories, local records and historical data



# New MeL Home Page



Michigan eLibrary



- Home
- MeLCat
- Teachers
- Databases
- Michigana
- Contact
- Help

**MeL Features**

- [Practice tests](#)
- [Tell Us Your MeL Story!](#)
- [MeL Training & Promotion](#)
- [Magazines & Newspapers](#)

Advanced Search

SEARCH Michigan eLibrary >

Search for Books, Articles, and more!

SEARCH



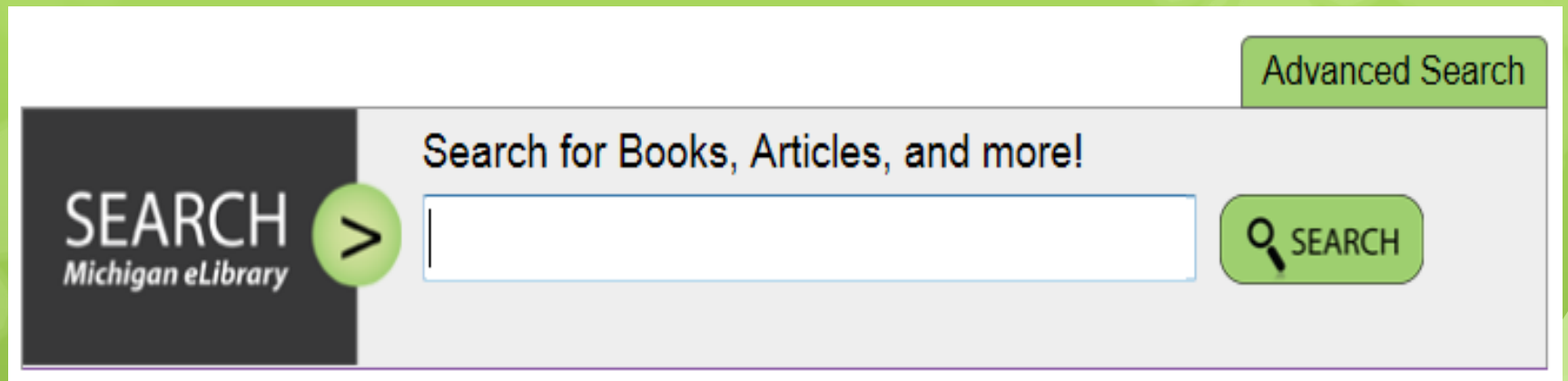
**About MeL**

The Michigan eLibrary provides all Michigan residents with free on-demand access to online full-text articles, full-text books, digital images, and other valuable research information. [Learn more about MeL >>](#)



- MeL
  - > [Home](#)
  - > [MeLCat](#)
  - > [Teachers](#)
  - > [Databases](#)
  - > [Michigana](#)
  - > [Contact](#)
  - > [Help](#)
- Gateways
  - > [Kids](#)
  - > [Teens](#)
  - > [Business](#)
  - > [Jobs](#)
  - > [Government](#)
  - > [Health](#)
  - > [Legal](#)
  - > [Books & Literacy](#)
- Resources
  - > [Library of Michigan](#)
  - > [Michigan.gov](#)
  - > [Michigan.gov Policies](#)
  - > [Contact MeL](#)
  - > [Help](#)

# Discovery Service Search Box



The image shows a search interface for the Michigan eLibrary. On the left, there is a dark grey box with the text "SEARCH" in large white letters and "Michigan eLibrary" in smaller white letters below it. To the right of this box is a green circle containing a white right-pointing chevron (>). The main search area has a light grey background. At the top right of this area is a green button with the text "Advanced Search". Below this, the text "Search for Books, Articles, and more!" is displayed. Underneath the text is a white search input field with a blue border. To the right of the input field is a green button with a magnifying glass icon and the text "SEARCH".





# Doing a Search in MeL

The screenshot shows the Michigan eLibrary website interface. At the top, there is a navigation bar with links for Home, MeLCat, Teachers, Databases, Michigana, Contact, and Help. The main content area features a search bar with the text "SEARCH Michigan eLibrary" and a search button. Below the search bar, there are several category icons: KIDS, TEENS, BUSINESS, JOBS, GOVERNMENT, HEALTH, LEGAL, and BOOKS & LITERACY. To the left of the search bar, there is a "MeL Features" sidebar with links to Practice tests, Tell Us Your MeL Story!, MeL Training & Promotion, and Magazines & Newspapers. Below the category icons, there is an "About MeL" section with a brief description and a link to "Learn more about MeL >>". At the bottom of the page, there are logos for the Library of Michigan, the Institute of Museum and Library Services, and Michigan Department of Education.

<b>MeL</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Home</a></li><li>&gt; <a href="#">MeLCat</a></li><li>&gt; <a href="#">Teachers</a></li><li>&gt; <a href="#">Databases</a></li><li>&gt; <a href="#">Michigana</a></li></ul>	<b>Gateways</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Kids</a></li><li>&gt; <a href="#">Teens</a></li><li>&gt; <a href="#">Business</a></li><li>&gt; <a href="#">Jobs</a></li><li>&gt; <a href="#">Government</a></li></ul>	<b>Resources</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Library of Michigan</a></li><li>&gt; <a href="#">Michigan.gov</a></li><li>&gt; <a href="#">Michigan.gov Policies</a></li><li>&gt; <a href="#">Contact MeL</a></li><li>&gt; <a href="#">Help</a></li></ul>
--	--	---


# Search Results



Michigan eLibrary

Home MeLCat Teachers Databases Michigana Contact Help

My List (0 items) | Log In

Search  

Advanced Search

---

Results 1 - 25 of 1002707 for online marketing  
Gateway: default (change)

---

Sorted by Relevance | Date

Refine by:


MeLCat (4089)  
Articles & eResources (998618)  
Peer Reviewed

Found in MeLCat  
Title (1137)  
Subject (282)  
Author (1)



Format  
Books/Magazines/EBooks (644396)  
News (122199)  
Reports (6657)  
Electronic Resources (4699)  
Reviews (4520)  
more >



Language  
English (722108)  
Undetermined (265474)  
Spanish; Castilian (642)  
Portuguese (195)  
Catalan; Valencian (101)  
more >

Subject  
Company Marketing Practices  
Company Business Management  
Market Trend/Market Analysis  
Electronic Commerce  
Internet Marketing  
more >



**Gamification: from the arcade to the bank: a new marketing trend is to add video game elements to online customer interaction with financial institutions**  
Kastner, Nick  
 Periodical | ABA Bank Marketing. Dec 2013, Vol. 45 Issue 10, p20, 5 p.  
ONE OF THE HOTTEST BUZZWORDS IN MARKETING AT THE MOMENT IS "gamification." In this art... more


[View Full Text](#)

Additional actions:  
 



 **Effectiveness of Online Marketing Campaigns [electronic resource] : An Investigation into Online Multichannel and Search Engine Advertising / by Sebastian Klapdor**  
Klapdor, Sebastian.  
 Computer files | 2013  
2 Libraries have this title


[Get this from MeLCat](#)

Additional actions:  
 



**Valorie Reavis is part of Linkup Marketing, an online and social media marketing specialist focusing on search engine marketing, salon email marketing programs and social media marketing for salons and spas.**  
[www.linkupmarketing.com](http://www.linkupmarketing.com)  
 Periodical | Hairdresser's Journal International. Feb 1, 2014, Issue 618  
Valorie Reavis is part of Linkup Marketing, an online and social media marketing speci... more

[View Full Text](#)

Additional actions:  
 

**The small business online marketing handbook : converting online conversations to offline sales / Annie Tsai**  
Tsai, Annie, 1979-  
 Computer files | 2013  
3 Libraries have this title

[Get this from MeLCat](#)

Additional actions:  
 

# MeL Header



*Michigan eLibrary*

MICHIGAN.GOV



[Home](#)

[MeLCat](#)

[Teachers](#)

[Databases](#)

[Michigana](#)

[Contact](#)

[Help](#)

# MeL Footer

## MeL

- > [Home](#)
- > [MeLCat](#)
- > [Teachers](#)
- > [Databases](#)
- > [Michigana](#)
- > [Contact](#)
- > [Help](#)

## Gateways

- > [Kids](#)
- > [Teens](#)
- > [Business](#)
- > [Jobs](#)
- > [Government](#)
- > [Health](#)
- > [Legal](#)
- > [Books & Literacy](#)

## Resources

- > [Library of Michigan](#)
- > [Michigan.gov](#)
- > [Michigan.gov Policies](#)
- > [Contact MeL](#)
- > [Help](#)
- > [About MeL](#)
- > [Promotions](#)
- > [Disclaimer](#)
- > [MyMeLCat](#)

# MeL's Info Boxes

## MeL Features



- [Practice tests](#)
- [Tell Us Your MeL Story!](#)
- [MeL Training & Promotion](#)
- [Magazines & Newspapers](#)



## About MeL

The Michigan eLibrary provides all Michigan residents with free on-demand access to online full-text articles, full-text books, digital images, and other valuable research information. [Learn more about MeL >>](#)

# MeL Training & Promotion



Michigan eLibrary



Home

MeLCat

Teachers

Databases

Michigana

Contact

Help

## Promotions

- [> MeL](#)
- [• > MeLCat](#)
- [• > Michigana](#)
- [• > Teachers - M.O.R.E.](#)
- [• > Training Videos & Webinars](#)
- [• CIVIC Technologies](#)
- [• EBSCO](#)
- [• Gale](#)
- [• Learning Express](#)
- [• Michigan State University](#)
- [• OCLC](#)
- [• ProQuest](#)
- [• Scholastic](#)
- [• World Book](#)

## MeL Promotions & Training

Find **tools and training** to promote and get the best use out of Michigan eLibrary databases, gateway resources, Michigana, and M.O.R.E. (Michigan Online Resources for Educators). Locate bookmarks, posters, flyers, user guides, table tents, webinars—all organized by vendor. On the left side of this page locate the materials and training opportunities for MeL's many eResources. Arrangement is by vendor name, MeL component or by type of training.

To find which vendor provides a database, click on "More" in the description for each eResource or this [database list](#).

The Library of Michigan contracts with or features the following vendors for content and/or services for the Michigan eLibrary.



# 2014 Overview of MeL

The screenshot displays the Michigan eLibrary website interface. At the top, the MeL logo is on the left, the text "Michigan eLibrary" is in the center, and "MICHIGAN.GOV Michigan's Official Website" is on the right. A navigation bar below the header contains links for Home, MeLCat, Teachers, Databases, Michigan, Contact, and Help. On the left side, a sidebar menu is titled "> MeL" and lists various categories such as MeL, MeLCat, Michigan, Teachers - M.O.R.E., Training Videos & Webinars, CIVIC Technologies, EBSCO, Gale, Learning Express, Michigan State University, OCLC, ProQuest, Scholastic, and World Book. The main content area is titled "Promotions Gateway" and features a search box on the right with the text "SEARCH all of Michigan eLibrary" and a magnifying glass icon. Below the title, there is a breadcrumb trail: "Promotions > > MeL". A large green arrow points from the "Promotions Gateway" title down to the first promotion item. The promotion items are listed in a vertical stack, each with a media icon (video or audio), a title, a description, and interactive buttons for "Share This" and "Like This".

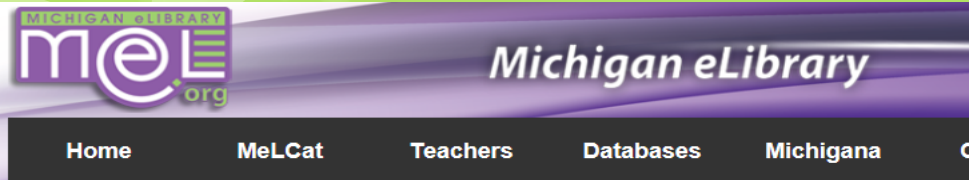
**Promotions Gateway**

Promotions > > MeL

**SEARCH**  
all of Michigan eLibrary

- 2014 MeL Overview Recording:** 4.5 minute recording provides a description and tour of the redesigned MeL site. [More...](#)
- 2014 Teachers - M.O.R.E. Overview Recording:** 10 minute recording provides a description and tour of the Teachers' tools and resources, also known as M.O.R.E., Michigan Online Resources for Educators, found [More...](#)
- 21st Century Libraries - Michigan:** Episode 13 lets you experience libraries in a new light. View the whole show or individual segments. Listen to live music, find a job, start a business, learn video [More...](#)
- Check Out Your Local Library!:** EBSCO provides this 60 second Windows Media Player audiofile to promote Michigan library services. Users may download this to market their library services [More...](#)


# MeL Promotions Gateway: Training Opportunities



- \*Training Videos & Webinars**
- [\\*MeL](#)
- [\\*MeLCat](#)
- [\\*Michiganana](#)
- [\\*Teachers - M.O.R.E.](#)
- **\*Training Videos & Webinars**
- [CIVICTechnologies](#)
- [EBSCO](#)
- [Gale](#)
- [Learning Express](#)
- [Michigan State University](#)
- [OCLC](#)
- [ProQuest](#)
- [Scholastic](#)
- [World Book](#)


## Promotions Gateway

[Promotions](#) > [\\*Training Videos & Webinars](#)




**BusinessDecision Webinars:** Open to Michigan teachers, MISBTDC staff and clients, and other organizations in the state. Researchers and

[+ Share This](#) | [Like This](#)




**CultureGrams:** Two minute video that describes CultureGrams. Contains information on all 50 countries. Concise, reliable country reports

[+ Share This](#) | [Like This](#)




**CultureGrams Training Video:** Explains a few features of CultureGrams. Review questions at the end of each set of videos.

[+ Share This](#) | [Like This](#) 6 People Like This




**eLibrary:** Two minute video that describes the homework-helper correlated to teaching and Contains newspapers, magazines, books, M

[+ Share This](#) | [Like This](#)



**eLibrary -- Training Video:** Shows how to explain the use of extra tools and features.

[+ Share This](#) | [Like This](#) 1 Person Likes This



**eLibrary Elementary:** Two minute video that describes the resource types available in eLibrary Element that looks through 300 magazines, 200 ency

[+ Share This](#) | [Like This](#)



**LearningExpress Product Training Webinar Series:** Become familiar with LearningExpress and Job & Career Accelerator features and use. Free registration is required. [More...](#)

[+ Share This](#) | [Like This](#) 1 Person Likes This



**MCLS MeL Databases Training:** Archived free MeL databases online classes for Michigan school and library staff. Classes are eligible for free SCECHs for K12 staff and Library of Michigan [More...](#)

[+ Share This](#) | [Like This](#) 3 People Like This



**MeL Gale eResources Webinars:** Lists web trainings on the resources and services specifically available to Michigan libraries, schools, and residents. Includes upcoming webinars, recordings of [More...](#)

[+ Share This](#) | [Like This](#) 5 People Like This




**MeLCat Training:** Online classes and in-person trainings are listed and scheduled on the MCLS workshop registration system, <https://members.mcls.org/workshops/>. Any MeLCat library [More...](#)

[+ Share This](#) | [Like This](#)



**Opposing Viewpoints in Context Training Video:** Short video explaining how to begin searching and navigating the home page and tools. [More...](#)

[+ Share This](#) | [Like This](#)



**ProQuest iThink Interactive Research Tutor:** Watch this interactive video to learn how to do research to get the best information for a paper, project or report. This is information literacy [More...](#)

[+ Share This](#) | [Like This](#)



**ProQuest K-12/Student Resources:** Contains links to quick start guides, free Web training sessions, recorded videos, PowerPoints and more to help you stay current on the Michigan ProQuest resources. [More...](#)

[+ Share This](#) | [Like This](#)



# MeL Databases







The screenshot shows the Michigan eLibrary website interface. At the top, there is a purple header with the MeL logo on the left, the text "Michigan eLibrary" in the center, and the Michigan.gov logo on the right. Below the header is a dark navigation bar with links for Home, MeLCat, Teachers, Databases (highlighted in green), Michigan, Contact, and Help. The main content area is titled "MeL Databases" and features two buttons: "Full Text eJournals" and "MeL Databases Help". A list of six databases is displayed, each with a logo, a title, a description, and social media sharing options.

**MeL Databases**

[Full Text eJournals](#) [MeL Databases Help](#)

-  **Academic OneFile:** College/University. Full text. Premier source for peer-reviewed articles from the world's leading journals and reference sources. Extensive coverage of the physical sciences, technology, medicine, social sciences, the arts, theology, literature [More...](#)  
[+ Share This](#) | [Like This](#) 699 People Like This
-  **Biography and Genealogy Master Index:** Genealogy/History. Index only. Current, readily available reference sources, as well as the most important retrospective works that cover individuals, both living and deceased, from every field of activity and from all areas of the world. Bibliographic [More...](#) \*  
[+ Share This](#) | [Like This](#) 457 People Like This
-  **Scholastic Bookflix™:** Grades PreK - 5. An interactive experience that allows beginning readers to explore fiction and non-fiction designed to increase understanding and fluency. Increase comprehension and have fun at the same time! Michigan residents or Michigan [More...](#) \*  
[+ Share This](#) | [Like This](#) 1 Person Likes This
-  **Books & Authors:** General interest, Reading advice. Titles, biographies, communities, reviews, recommendations, and updates for over 146,000 titles and 54,000 authors. Thousands of read-alikes and award winners, and librarian's favorites lists. Michigan [More...](#)  
[+ Share This](#) | [Like This](#) 533 People Like This
-  **Business Insights: Global:** Business. Mostly full text. Combines an international perspective and sophisticated research tools with convenient access to a range of comprehensive learning materials. Using case studies, statistical data sources, news articles, academic [More...](#)  
[+ Share This](#) | [Like This](#) 92 People Like This

# MeL Databases (cont.)

 <b>Business Decision</b> meL	<b>BusinessDecision:</b> Comprehensive business-to-consumer market data. Company profiles, product/brand information with investment reports, rankings and market share data allow users to better penetrate the consumer marketplace. Click "more" for user tools. <a href="#">More...</a> *	<a href="#">+ Share This</a>   <a href="#">Like This</a>
 <b>ChiltonLibrary.com</b> meL	<b>ChiltonLibrary.com:</b> General interest. Full text. Authoritative car/truck repair information. Year, make, and model combinations from 1940 to the present. Videos, photos, wiring diagrams, diagnostics, and maintenance specifications. Michigan residents or Michigan <a href="#">More...</a> *	<a href="#">+ Share This</a>   <a href="#">Like This</a> 642 People Like This
 <b>Computer Database</b> meL	<b>Computer Database:</b> General interest. Full text. Computer-related product introductions, news, and reviews in areas such as hardware, software, electronics, engineering, communications and the application of technology. Results may be viewed by subject, document <a href="#">More...</a>	<a href="#">+ Share This</a>   <a href="#">Like This</a> 339 People Like This
 <b>CultureGrams</b> meL	<b>CultureGrams:</b> High School +. Full text. Links users to all CultureGrams editions, including World, Kids, Canadian Provinces, and States material. Includes unlimited printing rights, along with exclusive online features: worldwide photo gallery, slideshows, <a href="#">More...</a> *	<a href="#">+ Share This</a>   <a href="#">Like This</a> 626 People Like This
 <b>Demographics Now</b> meL	<b>DemographicsNow: Business &amp; People:</b> Business. Researchers and entrepreneurs are provided with comprehensive business and demographic information valuable to assess business viability, create sales leads and marketing mailing lists, complete location analyses and business plans, <a href="#">More...</a> *	<a href="#">+ Share This</a>   <a href="#">Like This</a>
 <b>Early World of Learning</b> meL	<b>Early World of Learning:</b> Grades PreK - 5. Follow Trek and Taffy the cat around the world learning about colors, numbers and other fun things. Strengthen reading foundations with stories, activities and videos. Explore the Know It encyclopedia designed especially for <a href="#">More...</a>	<a href="#">+ Share This</a>   <a href="#">Like This</a>
 <b>eBooks</b> meL	<b>eBook Collection:</b> General interest. Full text. Over 20,000 eBooks available on all topics. Michigan residents or Michigan library access only. Netlibrary users ALERT--the collection has changed its name to eBooks. This product is now owned by EBSCO. Along with <a href="#">More...</a>	<a href="#">+ Share This</a>   <a href="#">Like This</a> 402 People Like This
 <b>eBook K-8 Collection</b> meL	<b>eBook K-8 Collection:</b> K-8. Fiction and nonfiction books you can read online - for school and for fun. Search for what you want. Picture books, homework topics, languages learning. Online help available too. Michigan residents or Michigan <a href="#">More...</a>	<a href="#">+ Share This</a>   <a href="#">Like This</a>

# Michigan Online Resources for Educators (M.O.R.E.)



Michigan eLibrary



Home

MeLCat

Teachers

Databases

Michigan

Contact

Help

M.O.R.E.

Home

Search

Tools

Professional Dev

Contact

Michigan Online Resources for Educators • Putting More Tech In TEaCHing



SEARCH  
By Standard

BROWSE  
Subjects

ADVANCED  
Search

Login (Optional)

Username

Password

Go

Forgot Your Password? **NOT A MEMBER?** Register for a FREE account

## Sweet Tweets

Tweets

Follow



edWeb.net  
@edwebnet  
3h  
Webinar 8/27 Boosting  
School-to-Home  
Connections: Proven  
Strategies & Tactics  
@Schoolwires REGISTER  
ow.ly/AhIC6  
Expand

Tweet to @edwebnet

Tweets

Follow



TED-Ed  
@TED\_ED  
4h  
How do you define  
curriculum? Join the  
conversation on the TED-Ed  
Community page:  
ow.ly/Avbyk  
Expand



Tweet to @TED\_ED

Tweets by @techlearning

# MeL Gateway “Globes”



# MeL's New Kids Portal

MICHIGAN eLIBRARY  
**meL**.org

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases Michigana Contact Help

WELCOME TO  
KIDS  
MeL.org

# MeL Kids

All grown up? Visit the [Parents](#) and [Teens](#) pages.

Are you out fishin' for some fun ways to learn online? Look what we have for you! Good stuff for school, funny poems, silly songs, books to read or listen to, Michigan facts, and lots of other cool info. It's all here! Jump (or hop) on in, the learning is great!

Click here for a fun surprise!

**Homework Helpers**

**Storytime**

**Games & Activities**

**About Michigan**

# MeL Kids “Fun Surprise”!

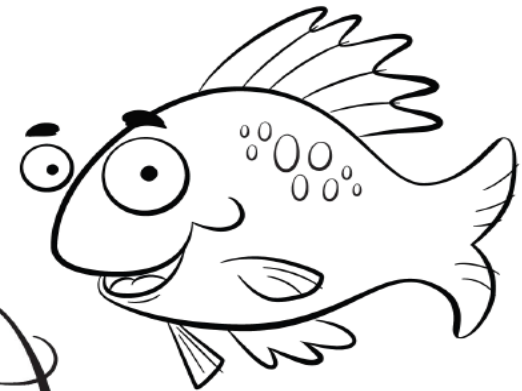
**A purple frog? A yellow fish?  
Color us any way you wish!  
Make us fun by adding lots  
of color, stripes and polka-dots.**



**“ReadIt”**



**“Brookie”**



# MeL Kids Homework Helpers



All grown up? Visit the [Parents](#) and [Teens](#)

SEARCH  
all of Michigan eLibrary

## Homework Helpers

[Homework Help](#)

-  Kids Home
-  Homework Helpers
-  Storytime
-  Games & Activities
-  About Michigan

**Why don't fish like Basketball?**  
(Scroll down for answer)



**CultureGrams**: Upper Elementary through High School general user. Full-text. A leading reference for concise, relevant and up-to-date cultural... [More...](#)

[+ Share This](#) | [Like This](#)    18 People Like This

---

**Early World of Learning**: Early elementary. Follow Trek Taffy the cat around the world learning about colors, numbers and other fun things.... [More...](#)

[+ Share This](#) | [Like This](#)    6 People Like This

---

**eBook K-8 Collection**: K-8. Fiction and nonfiction books can read online - for school and for fun. Search for what you want. Picture... [More...](#)

[+ Share This](#) | [Like This](#)    23 People Like This

---

**eLibrary**: Upper Elementary through High School. Full-text (1981-Present). Find over 2000 articles, ebooks, transcripts, photos, websites,... [More...](#)

[+ Share This](#) | [Like This](#)    3 People Like This

---

**eLibrary Elementary**: Kindergarten to upper elementary full text. Video, audio, books, pictures, magazines, maps, newspapers, & transcripts... [More...](#)

[+ Share This](#) | [Like This](#)    3 People Like This

---

**Enciclopedia Estudiantil Hallazgos**: Early learners. Bilingual resources - visual dictionary, world of animals, encyclopedia articles, and Spanish... [More...](#)

[+ Share This](#) | [Like This](#)    2 People Like This

---

**General Reference Center Gold**: General user. Mostly full text. General Reference Center Gold on InfoTrac Web provides one-stop access to general interest... [More...](#)

[+ Share This](#) | [Like This](#)    1 Person Likes This

**InfoTrac Junior Edition**: Middle and Junior High School. Full text. Over 330 titles, cross searchable with E-Books, this database is designed for... [More...](#)

[+ Share This](#) | [Like This](#)

---

**Kids InfoBits**: K-6. All full text. Kids InfoBits is a database developed especially for beginning researchers in Kindergarten through Grade 5.... [More...](#)

[+ Share This](#) | [Like This](#)    1 Person Likes This

---

**LearningExpress LIBRARY**: General user. Interactive online learning platform of academic and licensing/certification practice tests, elementary... [More...](#)

[+ Share This](#) | [Like This](#)

---

**MeL Michigana**: Enrich your family and Michigan history research with the digital and audio materials found in MeL Michigana. Over 50,000 items... [More...](#)

[+ Share This](#) | [Like This](#)    2 People Like This

---

**Novelist K-8 Plus**: Find just the right book by subject, age, awards won, Lexile Reading levels, Common Core standards; even books made into movies... [More...](#)

[+ Share This](#) | [Like This](#)

---

**LearningExpress LIBRARY**: Grades 4 through 12 skills improvement in math, writing and grammar, reading comprehension, social studies, and vocabulary and spelling... [More...](#)

[+ Share This](#) | [Like This](#)

---

**SIRS Discoverer Deluxe**: K-9. All full text. Children's database of articles, books, video, and audio on all topics. Includes reading levels... [More...](#)

[+ Share This](#) | [Like This](#)    1 Person Likes This

---

**World Book for KIDS**: Young learners. Contains eight major subject categories: Arts, History and Government, People, Places, Plants and Animals, Science... [More...](#)

[+ Share This](#) | [Like This](#)

**'Cause they're afraid of the net!**



# MeL Kids About Michigan



## About Michigan

All grown up? Visit the [Parents](#) and [Teens](#) pages.

SEARCH

all of Michigan eLibrary



### About Michigan



Kids Home



Homework Helpers



Storytime



Games & Activities



About Michigan

What do you call  
a fish with a tie?  
(Scroll down for answer)



Website



**American Folklore: Michigan Folklore:** Spooky Michigan folklore, best enjoyed around a campfire at night. [More...](#)

[Share This](#) | [Like This](#)

3 People Like This



Website



**Building Detroit:** Experience life in 1750 as a new settler in Detroit. In this interactive game you will make decisions that will effect... [More...](#)

[Share This](#) | [Like This](#)

3 People Like This



Website



**Famous People Born in Michigan a to z:** Full biographies of famous Michiganians including quick facts, best-known-for facts and photos. Videos... [More...](#)

[Share This](#) | [Like This](#)

1 Person Likes This



Website



**Getting to Know Michigan Coloring Book:** A coloring book featuring the Michigan state symbols and historical facts. (Beginning Reader Accessible)... [More...](#)

[Share This](#) | [Like This](#)

1 Person Likes This



Website



**Great Lakes Shipwrecks:** Read about famous shipwrecks that have occurred on the Great Lakes. [More...](#)

[Share This](#) | [Like This](#)



Michiganana



**MeL Michiganana:** Enrich your family and Michigan history research with the digital and audio materials found in MeL Michiganana. Over 50,000 items... [More...](#)

[Share This](#) | [Like This](#)

2 People Like This



Website



**Michigan Bugs and Insects:** Insects of Michigan identification guide. Identify the 169 bugs that live in Michigan by their appearance. Features... [More...](#)

[Share This](#) | [Like This](#)

1 Person Likes This

soFISHticated!





# MeL Michigana

**MICHIGAN eLIBRARY**  
**meL**.org

**Michigan eLibrary**

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases **Michigana** Contact Help



**MeL Michigana**

- [Agriculture](#)
- [Archaeology](#)
- [Arts & Architecture](#)
- [Associations and Organizations](#)
- [Business](#)
- [Cities and Villages](#)
- [Government](#)
- [History](#)
- [Industry](#)
- [Libraries & Archives](#)
- [Maps & Atlases](#)
- [Military](#)
- [Museums](#)
- [Nautical](#)
- [Newspapers](#)
- [People](#)
- [Travel & Transport](#)

## MeL Michigana



[www.mel.org/michigana](http://www.mel.org/michigana)



**SEARCH** Michigan

Digital Collections **meL** **Black Abolitionist Archive:** Black Abolitionist Archive offers speeches of people, and newspaper editorials about civil and political rights of the slaves in the nineteen [More...](#)

[Share This](#) | [Like This](#)

Digital Collections **meL** **Collections of the Henry Ford:** Digital collections housed at the Henry Ford Museum in Dearborn Michigan. [More...](#)

[Share This](#) | [Like This](#)

Digital Collections **meL** **Early Detroit Images from the Burton Historical Collection:** Detroit Public Library's digital database of 19th century and pre-1922 photographs of Detroit illustrate the social and cultural history [More...](#)

[Share This](#) | [Like This](#) 24 People Like This

Digital Collections **meL** **Governing Michigan:** The online depository of the Library of Michigan. [More...](#)

# MeL Teens



MICHIGAN eLIBRARY  
**meL**.org

MICHIGAN.GOV  
Michigan's Official Website

**Michigan eLibrary**

[Home](#) [MeLCat](#) [Teachers](#) [Databases](#) [Michigan](#) [Contact](#) [Help](#)

## MeL TEENS

Life moves fast! Between school, sports, work, and socializing there's not much time left for researching information. Luckily, we have done the research for you. Quickly locate homework help, good reads, college information, and other issues that impact your life.

**SEARCH** >  
all of Michigan eLibrary



### HOMework HELP

Bring the teacher home with you. Select tutorials and reliable research resources to help complete your homework assignments.

### LIFE HAPPENS

Life is confusing, sometimes you just need advice. Locate reliable resources on personal issues and career planning.

### READING ZONE

Take your reading with you. Select full length eBooks, comics, zines, and audio books. Read anywhere.

### COLLEGE BOUND

Select, prepare and pay for college. Locate the best pre-planning college guides, practice exams, and scholarships here.

#### MeL

- > [Home](#)
- > [MeLCat](#)
- > [Teachers](#)
- > [Databases](#)
- > [Michigan](#)
- > [Contact](#)
- > [Help](#)

#### Gateways

- > [Kids](#)
- > [Teens](#)
- > [Business](#)
- > [Jobs](#)
- > [Government](#)
- > [Health](#)
- > [Legal](#)
- > [Books & Literacy](#)

#### Resources

- > [Michigan.gov](#)
- > [MeL Home](#)
- > [Contact MeL](#)
- > [Help](#)
- > [About MeL](#)
- > [Promotions](#)
- > [Disclaimer](#)
- > [MyMeLCat](#)

#### Policies

- > [Accessibility Policy](#)
- > [Privacy Policy](#)
- > [Link Policy](#)
- > [Security Policy](#)
- > [Office of Regulatory Reinvention](#)

Copyright © 1992 - 2014 State of Michigan :: Designed by [Strudell Studios](#)

# MeL Teens: HomeworkHelp

The screenshot shows the Michigan eLibrary website interface. At the top, there is a purple header with the 'meL' logo on the left, the text 'Michigan eLibrary' in the center, and the Michigan state logo with 'MICHIGAN.GOV Michigan's Official Website' on the right. Below the header is a navigation bar with links for Home, MeLCat, Teachers, Databases, Michigana, Contact, and Help. The main content area has a dark background. On the left side, there is a vertical sidebar with several colored buttons: a pink button for 'HOMEWORK HELP', a blue button for 'LIFE HAPPENS', an orange button for 'READING ZONE', and a green button for 'COLLEGE BOUND'. Below these is a search box with the text 'SEARCH all of Michigan eLibrary' and a magnifying glass icon. A link '<< Click for MeL Teens Home' is located above the sidebar. The main content area features the 'HomeworkHelp' title in large green and purple letters, accompanied by an icon of a stack of books. Below the title is a paragraph: 'Bring the teacher home with you. Select tutorials and reliable research resources to help complete your homework assignments.' Underneath this paragraph are four purple buttons labeled 'English', 'Math', 'Science', and 'Social Studies/History'. Below the buttons is a section titled 'Homework Help' containing five resource cards. Each card has an icon, a title, a description, and social media sharing options. The cards are: 1. 'Books & Authors' with a book icon, description: 'General user, Reading advice. Titles, biographies, communities, reviews, recommendations, and updates for over 146,000 titles... More...', and '1 Person Likes This'. 2. 'CultureGrams' with a globe icon, description: 'High School +. Full text. Links users to all CultureGrams editions, including World, Kids, Canadian Provinces, and States material.... More...', and '1 Person Likes This'. 3. 'eLibrary' with a bookshelf icon, description: 'Upper Elementary through High School. Full-text (1981-Present). More than 2,500 magazines, newspapers, books, and transcript titles,... More...'. 4. 'Expanded Academic ASAP' with a graduation cap icon, description: 'Junior and Community Colleges. Mostly full text. Magazine, newspaper and journal articles appropriate to college and university... More...'. 5. 'Gale Virtual Reference Library' with a book icon, description: 'General user. Full text. Encyclopedias and specialized reference sources for multidisciplinary research. Because... More...'. Each card also includes 'Share This' and 'Like This' buttons.

MICHIGAN eLIBRARY  
meL.org

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases Michigana Contact Help

<< Click for MeL Teens Home

## HOMEWORK HELP

Bring the teacher home with you. Select tutorials and reliable research resources to help complete your homework assignments.

English Math Science Social Studies/History

### Homework Help

**Books & Authors** meL  
General user, Reading advice. Titles, biographies, communities, reviews, recommendations, and updates for over 146,000 titles... [More...](#)  
+ Share This | Like This 1 Person Likes This

**CultureGrams** meL  
High School +. Full text. Links users to all CultureGrams editions, including World, Kids, Canadian Provinces, and States material.... [More...](#)  
+ Share This | Like This 1 Person Likes This

**eLibrary** meL  
Upper Elementary through High School. Full-text (1981-Present). More than 2,500 magazines, newspapers, books, and transcript titles,... [More...](#)  
+ Share This | Like This

**Expanded Academic ASAP** meL  
Junior and Community Colleges. Mostly full text. Magazine, newspaper and journal articles appropriate to college and university... [More...](#)  
+ Share This | Like This

**Gale Virtual Reference Library** meL  
General user. Full text. Encyclopedias and specialized reference sources for multidisciplinary research. Because... [More...](#)  
+ Share This | Like This

SEARCH all of Michigan eLibrary

# MeL Teens: HomeworkHelp - Math



The screenshot shows the Michigan eLibrary website interface. At the top, there is a purple header with the MeL logo on the left, the text "Michigan eLibrary" in the center, and the Michigan.gov logo on the right. Below the header is a navigation bar with links for Home, MeLCat, Teachers, Databases, Michigana, Contact, and Help. The main content area has a dark background. On the left side, there is a vertical sidebar with several colored buttons: a pink button for "HOMEWORK HELP", a blue button for "LIFE HAPPENS", an orange button for "READING ZONE", and a green button for "COLLEGE BOUND". Below these buttons is a search box with the text "SEARCH all of Michigan eLibrary" and a magnifying glass icon. A button above the sidebar says "<< Click for MeL Teens Home". The main content area features a large "HomeworkHelp" title in green and purple, with a stack of books icon to its right. Below the title is a paragraph: "Bring the teacher home with you. Select tutorials and reliable research resources to help complete your homework assignments." Underneath this paragraph are four colored buttons: English (pink), Math (purple), Science (orange), and Social Studies/History (blue). Below the buttons is a breadcrumb trail: "Homework Help > Math". The main content area contains a list of six resource cards. Each card has a "www" icon, the word "Website", and the MeL logo. The resources listed are: 1. "Biographies of Women Mathematicians" with a description and a "More..." link, and "Share This" and "Like This" buttons (1 person likes this). 2. "Discovery Education: Web Math" with a description and a "More..." link, and "Share This" and "Like This" buttons. 3. "Famous Mathematicians A to Z" with a description and a "More..." link, and "Share This" and "Like This" buttons. 4. "GCF Learn Free - Math" with a description and a "More..." link, and "Share This" and "Like This" buttons. 5. "Graphing Calculator" with a description and a "More..." link, and "Share This" and "Like This" buttons.

MICHIGAN eLIBRARY  
meL.org

Michigan eLibrary

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases Michigana Contact Help

<< Click for MeL Teens Home

## HOMEWORK HELP

## LIFE HAPPENS

## READING ZONE

## COLLEGE BOUND

SEARCH   
all of Michigan eLibrary

# HomeworkHelp

Bring the teacher home with you. Select tutorials and reliable research resources to help complete your homework assignments.

English Math Science Social Studies/History

Homework Help > Math

 Website  **Biographies of Women Mathematicians:** Biographical essays and comments on women mathematicians. Part of an on-going project at Agnes Scott College... [More...](#)

[Share This](#) | [Like This](#) 1 Person Likes This

 Website  **Discovery Education: Web Math:** Free step-by-step solutions to math problems. Type in your problem to see the solution. [More...](#)

[Share This](#) | [Like This](#)

 Website  **Famous Mathematicians A to Z:** Biographies of famous mathematicians featuring, quick-facts, best-known-for facts and photographs. [More...](#)

[Share This](#) | [Like This](#)

 Website  **GCF Learn Free - Math:** Review basic math used in everyday life, such as addition, subtraction, decimals and counting change. Additional resources... [More...](#)

[Share This](#) | [Like This](#)

 Website  **Graphing Calculator:** Free online graphing calculator. [More...](#)

[Share This](#) | [Like This](#)

# MeL Books & Literacy Gateway

**MICHIGAN eLIBRARY** meL.org

MICHIGAN.GOV Michigan's Official Website

Home MeLCat Teachers Databases Michigana Contact Help

## Books & Literacy Gateway

Books & Literacy

**SEARCH** all of Michigan eLibrary

- Books & Literacy**
  - [Authors and Writing](#)
  - [Books](#)
  - [Books and Reading](#)
  - [Events](#)
  - [Libraries & Information Science](#)
  - [Literacy](#)

**Bartleby.com: Great Books Online:** Classics of literature, nonfiction, and reference online free of charge i.e. Shakespeare, Poe, Confucius, Homer and many, many more. [More...](#)  
+ Share This | Like This 43 People Like This

**BookFlix™:** Grades PreK - 5. An interactive experience that allows beginning readers to explore fiction and non-fiction designed to increase understanding and fluency. Increase [More...](#) \*  
+ Share This | Like This 6 People Like This

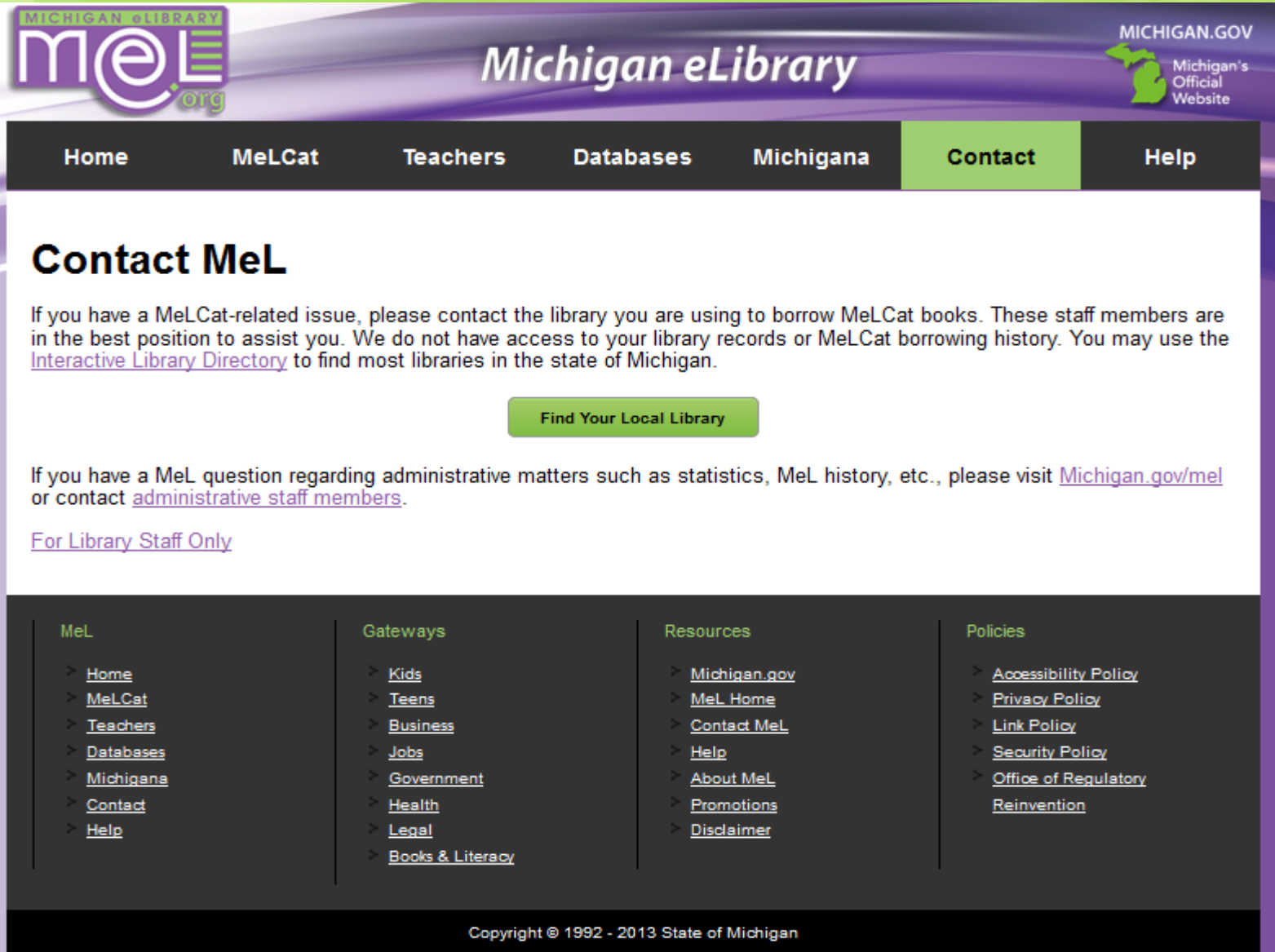
**Books & Authors:** General interest, Reading advice. Titles, biographies, communities, reviews, recommendations, and updates for over 146,000 titles and 54,000 authors. Thousands [More...](#) \*  
+ Share This | Like This 544 People Like This

**Database of Award Winning Children's Literature:** Over 7,000 records from 84 awards across six English-speaking countries. Each book is indexed to some degree so users can find it using the form search or the keyword [More...](#)  
+ Share This | Like This 25 People Like This

**eBook Collection:** General interest. Full text. Over 20,000 eBooks available on all topics. Michigan residents or Michigan library access only. Netlibrary users ALERT--the collection [More...](#)  
+ Share This | Like This 409 People Like This

**eBook K-8 Collection:** K-8. Fiction and nonfiction books you can read online - for school and for fun. Search for what you want. Picture books, homework topics, languages [More...](#)

# Contact Info



The screenshot shows the Michigan eLibrary website. At the top left is the MeL logo with 'MICHIGAN eLIBRARY' and 'meL.org'. In the center is the text 'Michigan eLibrary'. At the top right is the 'MICHIGAN.GOV Michigan's Official Website' logo. Below this is a navigation bar with links: Home, MeLCat, Teachers, Databases, Michigan, Contact (highlighted), and Help. The main content area has a heading 'Contact MeL' followed by a paragraph explaining that users should contact their local library for MeLCat-related issues and providing a link to the 'Interactive Library Directory'. A green button labeled 'Find Your Local Library' is centered below the paragraph. Another paragraph explains that administrative matters should be handled via 'Michigan.gov/mel' or 'administrative staff members'. A link for 'Library Staff Only' is provided. At the bottom, there are four columns of links: MeL, Gateways, Resources, and Policies.

**MICHIGAN eLIBRARY**  
meL.org

**Michigan eLibrary**

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases Michigan **Contact** Help

## Contact MeL

If you have a MeLCat-related issue, please contact the library you are using to borrow MeLCat books. These staff members are in the best position to assist you. We do not have access to your library records or MeLCat borrowing history. You may use the [Interactive Library Directory](#) to find most libraries in the state of Michigan.

[Find Your Local Library](#)

If you have a MeL question regarding administrative matters such as statistics, MeL history, etc., please visit [Michigan.gov/mel](#) or contact [administrative staff members](#).

[For Library Staff Only](#)

<b>MeL</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Home</a></li><li>&gt; <a href="#">MeLCat</a></li><li>&gt; <a href="#">Teachers</a></li><li>&gt; <a href="#">Databases</a></li><li>&gt; <a href="#">Michigan</a></li><li>&gt; <a href="#">Contact</a></li><li>&gt; <a href="#">Help</a></li></ul>	<b>Gateways</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Kids</a></li><li>&gt; <a href="#">Teens</a></li><li>&gt; <a href="#">Business</a></li><li>&gt; <a href="#">Jobs</a></li><li>&gt; <a href="#">Government</a></li><li>&gt; <a href="#">Health</a></li><li>&gt; <a href="#">Legal</a></li><li>&gt; <a href="#">Books &amp; Literacy</a></li></ul>	<b>Resources</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Michigan.gov</a></li><li>&gt; <a href="#">MeL Home</a></li><li>&gt; <a href="#">Contact MeL</a></li><li>&gt; <a href="#">Help</a></li><li>&gt; <a href="#">About MeL</a></li><li>&gt; <a href="#">Promotions</a></li><li>&gt; <a href="#">Disclaimer</a></li></ul>	<b>Policies</b> <ul style="list-style-type: none"><li>&gt; <a href="#">Accessibility Policy</a></li><li>&gt; <a href="#">Privacy Policy</a></li><li>&gt; <a href="#">Link Policy</a></li><li>&gt; <a href="#">Security Policy</a></li><li>&gt; <a href="#">Office of Regulatory Reinvention</a></li></ul>
--	---	--	---

Copyright © 1992 - 2013 State of Michigan

# MeL Help



**MICHIGAN eLIBRARY**  
**meL**.org

**Michigan eLibrary**

MICHIGAN.GOV  
Michigan's  
Official  
Website

Home MeLCat Teachers Databases Michigana Contact Help

## MeL Help

MeL is the Michigan eLibrary, an anywhere, anytime library for Michigan residents. Here you can find specific help for the main areas of MeL and a Frequently Asked Questions section (below) for general information about MeL.

- [MeL Databases](#)
- [MeLCat](#)
- [MeL Michigana](#)
- [MeL Gateways and Featured Resources](#)

We also have help for:

- [MeL Multisearch](#)

## Frequently Asked Questions

**Why can't I order audiovisual materials from MeLCat?**  
There has been a policy change that affects libraries who do not participate in sharing audiovisual materials. [View the policy here.](#)

**If I use my driver's license to access a MeL database, will the Department of Motor Vehicles be able to locate me over some old parking tickets?**  
No. The database that MeL uses to verify Michigan residency does not link to your actual driving record or license information. [Here's more about logging in.](#)

**How do I know which database to use?**  
Some database titles are self-explanatory such as Health and Wellness Resource Center, but many databases cover more than one topic. You can read through the column of topics covered at the [MeL Databases page](#), use the specific [help page for MeL Databases](#), or ask your local librarian for help.

**Why can't I order books from MeLCat?**  
Not all libraries in Michigan participate in MeLCat and the project is in a growth phase. In time, many more of Michigan's libraries will participate in MeLCat. [Check if your library participates in MeLCat.](#)

**I'm a librarian who wants to know more about MeL. Can you direct me to more technical information?**

# About MeL

**MICHIGAN eLIBRARY**  
**meL**.org

**Michigan eLibrary**

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases Michigana Contact Help

**MeL Features**

[f](#) [t](#)

- [Practice tests](#)
- [Tell Us Your MeL Story!](#)
- [MeL Training & Promotion](#)
- [Magazines & Newspapers](#)

## About MeL

### Mission Statement

Administered by the Library of Michigan in partnership with Michigan's libraries of all types, the Michigan eLibrary (<http://mel.org>) will provide all Michigan residents with free access to online full-text articles, full-text books, digital images, and other valuable research information at any time via the Internet; and provide an easy-to-use interlibrary loan system to allow Michigan residents to borrow books and other library materials for free from participating Michigan libraries.

### Collection Development Strategy

[Read our strategy for developing MeL here.](#) The strategy statement clarifies for the public, Michigan libraries and MeL staff the methodology used for selecting resources as well as the responsibility for the collections. MeL consists of a suite of subscription databases, a shared statewide catalog, portals including curricular-based resources and Michigan history collections, and selected best Web sites for kids, teens, business, jobs, government, health, legal, and books and literacy which includes library and information science.

### MeL Usage Statistics

[2009-current statistics](#) from the Library of Michigan and the Midwest Collaborative for Library Services for the MeL homepage and gateways, the databases and MeLCat.

### What We Do

MeL is the Michigan eLibrary, a 24/7 online library for Michigan residents.

- MeL Databases allow you instant access to full-text articles from tens of thousands of magazines and newspapers. Databases are available for kids, adults, and on specialized topics such as car repair and practice tests.
- MeLCat allows you to order books, audio books, music, movies and other materials and have them delivered to your participating library. [View a video to familiarize yourself with MeLCat.](#)
- MeL Michigana contains photographs, diaries, oral histories, local records and historical Michigan data. [View a video to familiarize yourself with MeL Michigana.](#)
- MeL Gateways include specialized resources such as those in health, business and areas for kids and teens.
- MORE: Michigan Online Resources for Educators allows teachers and parents to find curricular based resources searchable by subject and aligned to the Common Core and state standards.



# MeL Business Gateway

**MICHIGAN eLIBRARY**  
meL.org

MICHIGAN.GOV  
Michigan's Official Website

Home MeLCat Teachers Databases Michigan Contact Help

**Business Gateway** SEARCH   
all of Michigan eLibrary

**Business**

- Alternative / Renewable Energy
- Associations
- Business and Economic Data
- Cultural Economics
- Doing Business with Government
- Entrepreneurs
- Finance and Venture Capital
- Import/Export
- Manufacturing
- News/ Publications
- Planning and Business Models
- Regional Economic Development
- Research and Development
- Small and Nonprofit
- Technology

**Business Economics and Theory Collection:** With a strong emphasis on titles covered in the EconLit database, this collection provides academic journals and magazines focusing on topics in economics. Perfect [More...](#)

 Gale PowerPack  [+ Share This](#) | [Like This](#) 2 People Like This

**Business Insights: Global:** Business. Mostly full text. Combines an international perspective and sophisticated research tools with convenient access to a range of comprehensive learning materials. [More...](#)

 Business Insights Global  [+ Share This](#) | [Like This](#) 99 People Like This

**BusinessDecision:** Comprehensive business-to-consumer market data. Click "More" for user tools. Company profiles, product/brand information with investment reports, rankings [More...](#) \*

 Business Decision  [+ Share This](#) | [Like This](#) 10 People Like This

**DemographicsNow: Business & People:** Business. Click "More" for user tools. Researchers and entrepreneurs are provided with comprehensive business and demographic information valuable to [More...](#) \*

 Demographics Now  [+ Share This](#) | [Like This](#) 13 People Like This

**Gale Directory Library:** Business. Provides access to Ward's Business Directory of Private and Public Companies in Canada and Mexico, and Business Rankings Annual. Ward's [More...](#) \*

 Gale Directory Library  [+ Share This](#) | [Like This](#) 2 People Like This

**Gale LegalForms:** Copies of actual forms and documents in Word format are provided to help users with their legal or business needs. \*

 Gale 

# MeL Business Resources

## ● Find these in MeL Databases and MeL Business Gateway

● DemographicsNow



● BusinessDecision



● Business Insights: Global



● Gale Legal Forms



● New GRVL Business eBooks



● Small Business Resource Ctr.



# New MeL Early Literacy Resources

- World Book Kids



- World Book Enciclopedia Estudiantil Hallazgos



- World Book Early World of Learning



- EBSCO eBooks K-8 Collection



- NoveList K-8 Plus



- Scholastic BookFlix



# New LearningExpress Library (LEL) 3.0

Welcome Deb BiggsThomas

[Logout](#)

[Contact Us](#)

 LearningExpress LIBRARY™

Your Institution

[Home](#)

[All Centers](#)

[User Guides](#)

[My Center](#)

[Help](#)

## Welcome to LearningExpress Library

Achieve your educational and career goals. Choose a center below and get started!

[Click here for a Featured Resources list.](#)



[Click here for the user guides for LearningExpress Library.](#)



# Your Michigan eLibrary & Outreach Coordinator at Library of Michigan

● Deb Biggs Thomas

● (517)373-4466

[biggsthomasd@michigan.gov](mailto:biggsthomasd@michigan.gov)