

Welcome to MeL Databases - *Using MeL resources for test prep*  
**Michigan eLibrary**  
Brought to you by the Library of Michigan & MCLS

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2. Click on **"Meeting"** in upper left-hand corner and choose **"Audio Setup Wizard"** and move through the steps to connect for audio.
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4. Log out and back in if these steps do not help or review the troubleshooting tips in the login email you received this week.

**Attendees can use the Text Chat and Question box to ask questions.**

**Participant Feedback** --To the right of the microphone is icon of a person with a raised hand – click on the down arrow to see other options. When you need to clear your status click the down arrow again and go to the bottom of the list and click **"Clear Status."** **You can use this to answer yes or no to presenter questions.**

**Troubleshooting Tips:** \*Check the main volume control for your computer to make sure it is not set low or muted. You can access this control on a Windows operating system by clicking on the Speaker icon on the lower right hand corner tray of options. \*If you continue to have trouble with the audio try to exit the meeting and log back into the meeting. \*Be sure to turn off your pop-up blocking software.

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This project is supported by the Library of Michigan with federal funds from the Institute of Museum and Library Services.



Welcome to MeL Databases - *Using MeL resources for test prep*  
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The Library of Michigan and MCLS work together to bring relevant, timely, and accessible MeL Databases training to all Michigan library staff and teachers. The focus is to meet the needs in real time, and through MeL provide libraries with the tools and training to better serve and educate their communities; thereby strengthening our libraries and state. MCLS serves as a training provider to increase awareness and use of MeL

Archived copies of our previous webinars can be found at <https://www.mcls.org/mel/mel-training-events/>  
That link will be provided again at the end of the webinar.

A PDF version of the slides in this webinar, and an additional guide to the resources in the related MeL portal, are available for downloading now at the bottom right of your screen.



*Using MeL resources for test prep - Presenters*

**Michigan eLibrary**

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Portage District Library

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# Using MeL for Test Prep



# The Michigan eLibrary is...

An online library

A service of the Library of Michigan and part  
of the Department of Ed

Funded by Federal and State dollars

Easily accessible on any device 24/7



# MeL Includes...

Subscription eResources

Digital history collections

Educational curricular materials

Websites that reflect the content in MeL's 8 subject gateways and Michigana

Discovery of the content from over 430 libraries across the state of Michigan

Access to digital images, videos, full-text articles, full-text books and other valuable research information at any time, anywhere through the Internet





# Why use MeL in K-12?

FREE for Michigan residents

Easy access 24/7

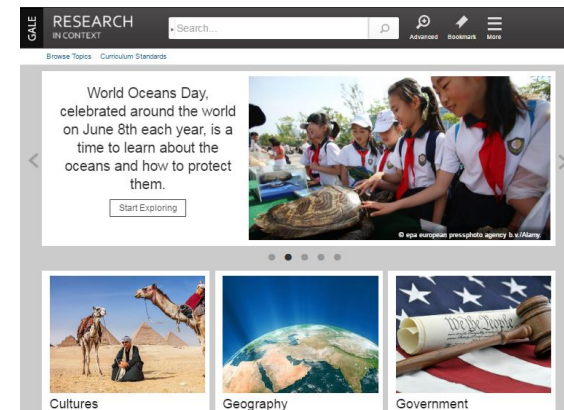
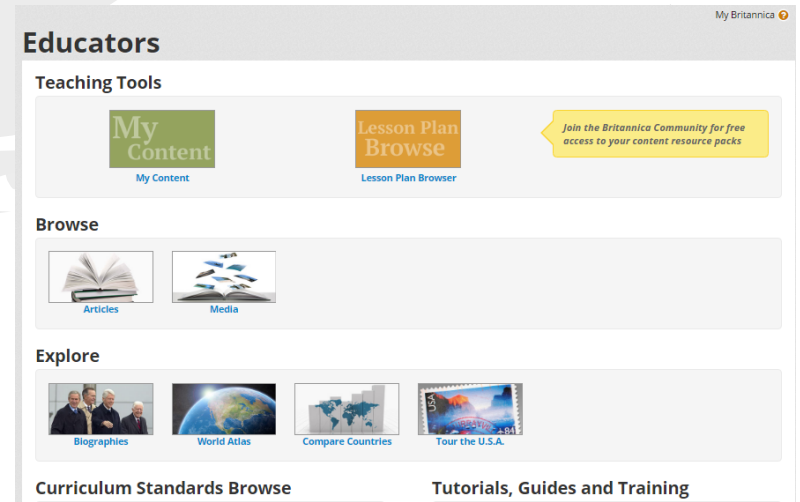
Fast and reliable

Information resources are well-vetted/accurate

MeL goes deeper than any other free Internet site

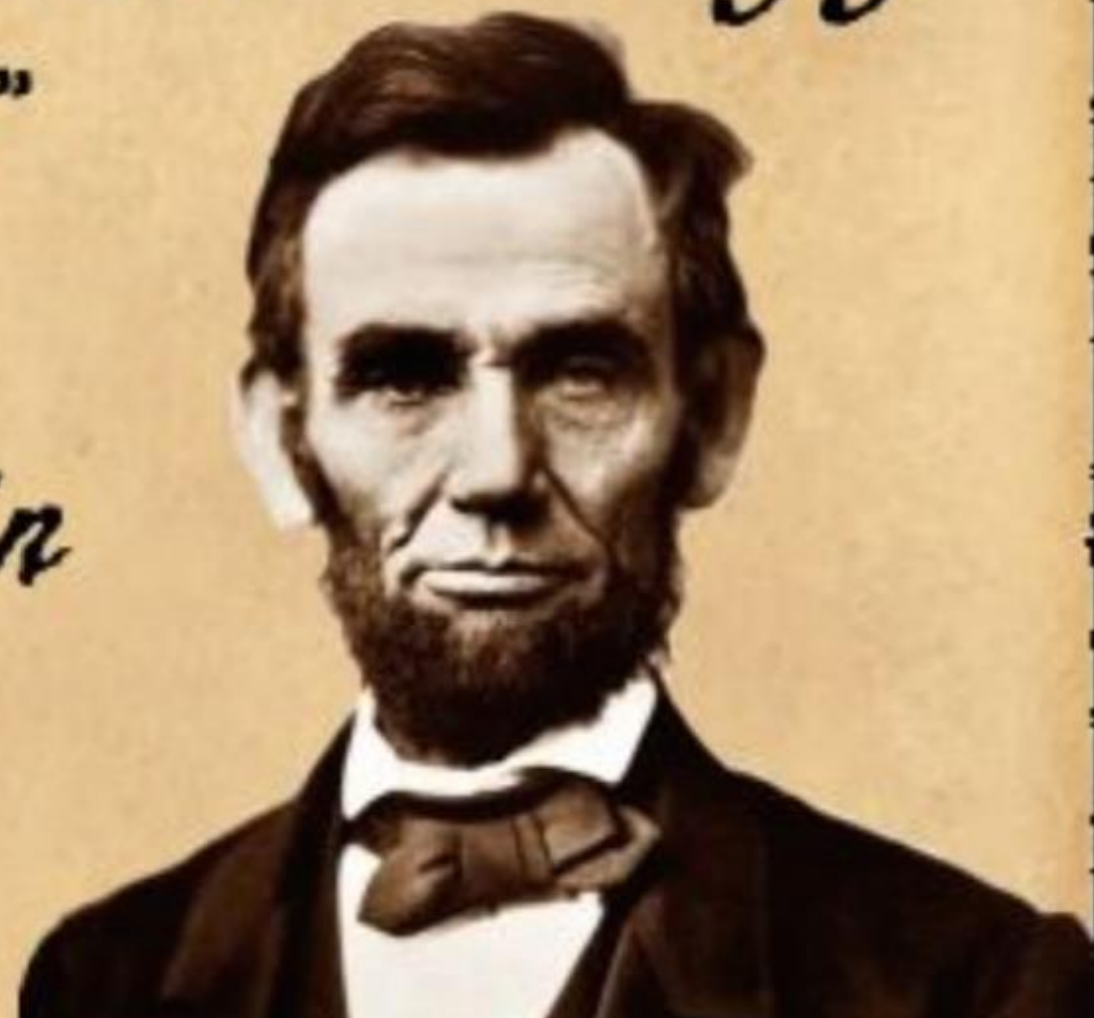
Curriculum aligned and lesson plans available

Helps students “own” their learning



*"The thing about quotes from the internet is that it's hard to verify their authenticity."*

*- Abraham Lincoln*



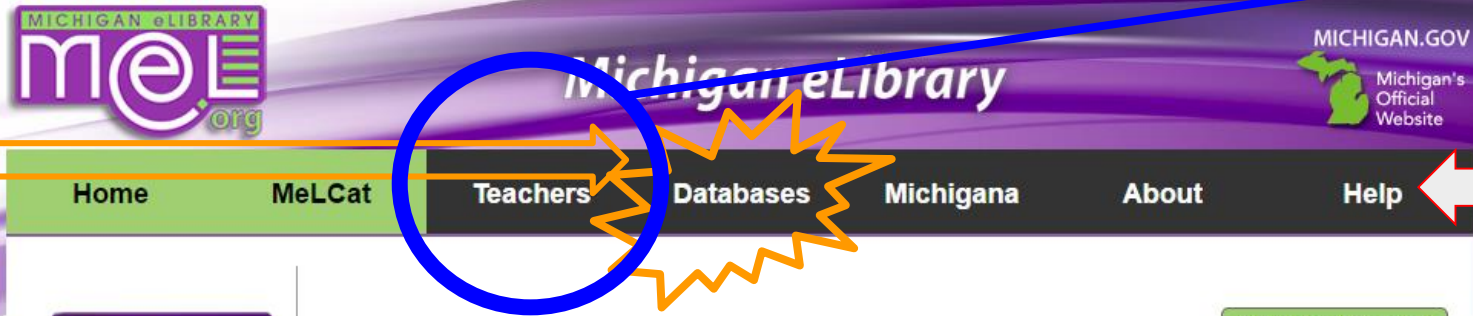




# Landing Page at MeL.org

**\*\*NEW\*\***  
MeL Teachers

A to Z list



Tabs

Practice Tests

Promo & Training

## MeL Features



- [Practice tests](#)
- [MeL](#)
- [Promotion & Training](#)
- [Magazines & Newspapers](#)



Latest info and tips

Advanced Search

SEARCH >

Search for Books, Articles, and more!

SEARCH

Search



Centers

Health

Health and Wellness Resource Center: General interest. Mostly

**Pre-K  
To 5th grade**



**6th grade  
To 12th grade**



**Be sure to check  
out the “Digital  
Literacy”**

*MeL Centers*



# Teens Gateway - Grades 6 - 14

## 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



[Print Page](#)



### 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.

### Homework Help:

- Age appropriate subscription databases

### Life Happens:

- Reliable resources on personal issues and career planning

### Reading Zone:

- eBooks, comics, zines and audio book links

### College Bound

- Everything college!

# Teens Gateway...Homework Help





# Kids Gateway - Pre-K thru Grade 5



## Homework Helpers:

- Age appropriate subscription databases

## Storytime:

- Databases & weblinks

## Games & Activities:

- Databases & weblinks

## About Michigan:

- Weblinks & a video all about our great state

# Kids Gateway...Homework Helpers



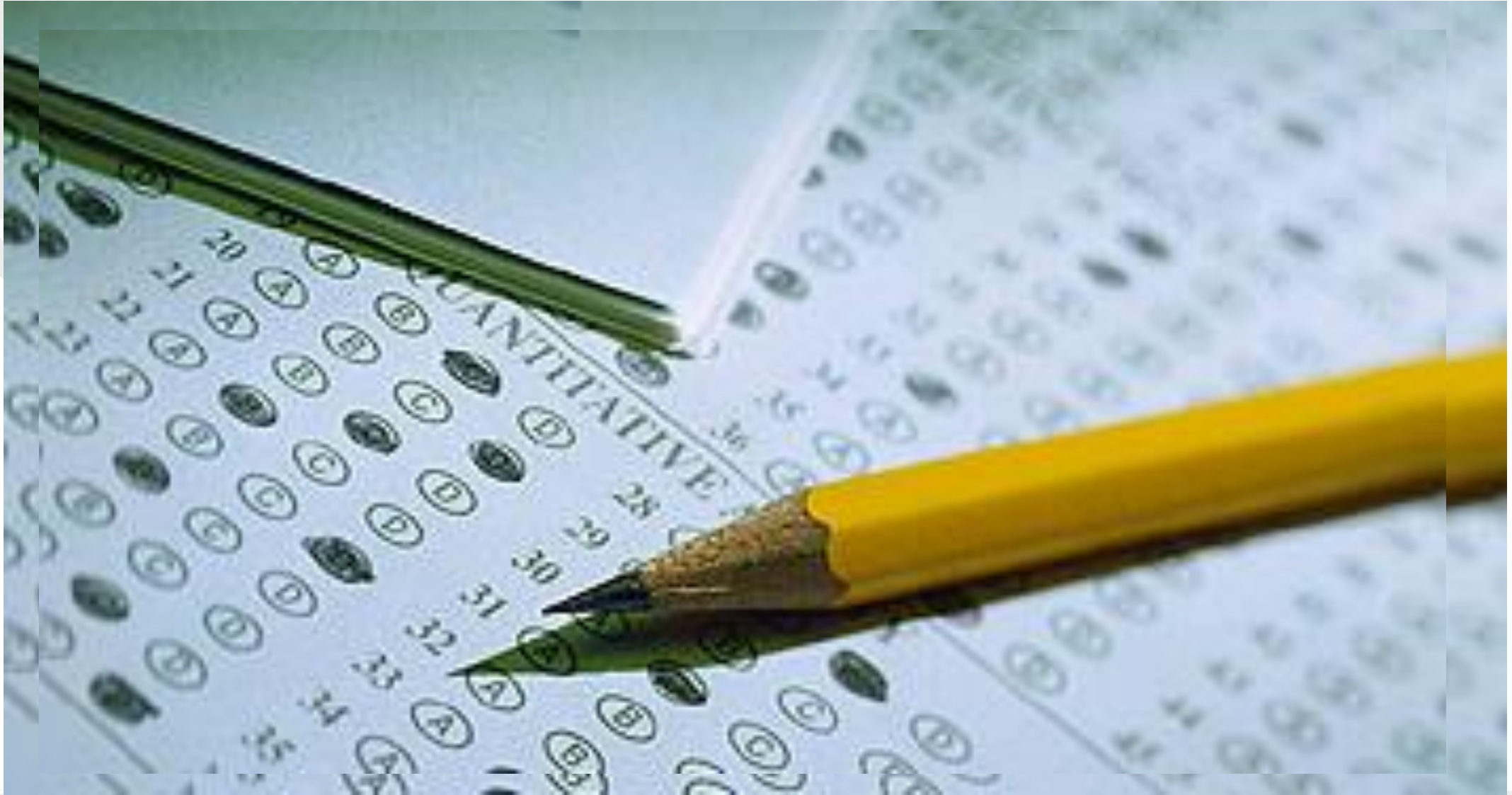
# Using MeL for Test Prep

In addition to recommending use of Khan Academy for test prep, MeL offers the LearningExpress Library for skills reinforcement and test prep.

LearningExpress provides help via tutorials, practice eBooks.



# High Stakes Testing







Test Prep/Jobs/Careers

Seven interactive  
learning centers

Academic and  
licensing/certification  
practice tests

Elementary level testing  
for math and reading,  
and skills building tools.

LearningExpress LIBRARY™

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Michigan eLibrary

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

View our helpful video user guides.

Recursos para Hispanohablantes High School Equivalency Adult Learning Center Center

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Recursos para hispanohablantes



# Video Guides

The screenshot shows the LearningExpress LIBRARY™ website. The header includes the logo, navigation links (Login, Register, Contact Us), a search bar with 'Find Resources' and 'Library' tabs, and a main navigation bar with 'Home', 'All Centers', 'Video Guides', and 'Help'. The 'Video Guides' dropdown menu is open, listing: Full Length Video, Welcome, Homepage, Registering as a New User, Logging In, About Centers, Searching for Resources, How to Take a Tutorial, How to Take a Test, How to Download and Use an eBook, My Center, and Contact Us. The background features a 'Welcome to LearningExpress Library' message and a carousel of images with text like 'Recursos para Hispanohablantes' and 'er Center'.

LearningExpress LIBRARY™

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Welcome to LearningExpress Library

Achieve your educational goals by choosing a center below and get started.

our helpful video user guides.

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## Adult Learning Center

Improve your basic skills.

[Build Your Math Skills](#)[Become a Better Reader](#)[Improve Your Writing,  
Speaking, and Grammar](#)[Become a U.S. Citizen](#)

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## Career Center

Prepare for a career exam, explore occupations, and improve your workplace skills here.



Learn More About a  
Career



Prepare for an Entrance  
Exam



Prepare for an  
Occupation Exam



Join the Military or  
Become an Officer





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## College Center

Strengthen your academic skills and prepare for placement tests and graduate school entrance exams here.

[Math Skills Review](#)[Reading Skills Review](#)[Grammar and Writing  
Skills Review](#)[Science Skills Review](#)



# Recursos para Hispanohablantes

 Michigan eLibrary[In This Center](#)[Inicio](#)[Página del Centro](#)[Direcciones ▾](#)[Recursos ▾](#)[Otros Centros ▾](#)[Video Guía ▾](#)[Ayuda ▾](#)

## Recursos para hispanohablantes

Este centro ofrece práctica para mejorar las habilidades básicas, práctica para el examen de GED® o ser ciudadano estadounidense.



Mejore sus habilidades escritas, orales y gramaticales



Sea Mejor Lector



Desarrolle sus Habilidades Matemáticas



Prepárese para su examen de GED®



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## High School Equivalency Center

There is now a new GED® test and also two other tests that can lead to your high school equivalency credential. [Click here to see what test is required in your state.](#)



*How did you do?*

[Are You Ready?](#)[Build Your Basic Skills](#)[Prepare for the GED® Test](#)[GED® en Español](#)



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## School Center

Practice, lessons, and study aids to help you do your best in school.

[Elementary School](#)[Middle School](#)[High School](#)

School Center

Math and  
English  
Options  
for grades  
4 and 5

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# Elementary School

Elementary School

Mathematics Skills Improvement

Geometry Practice

Measurement & Data Practice

Number & Operations Practice

Operations & Algebraic Thinking Practice

English Language Arts Skills Improvement

Informational Reading Practice

Literature Reading Practice

Writing & Language Practice

Middle School

High School

## Mathematics Skills Improvement

### Geometry Practice

Show me: All

Showing Pages 1 of 1

Grade 4 Geometry Practice 1

Build your 4th grade geometry skills with this first practice set. It provides questions aligned to Common Core State Standards, an instant score report, and full answer explanations.

Register or Login to Use

Grade 4 Geometry Practice 2

Build your 4th grade geometry skills with this second practice set. It provides questions aligned to Common Core State Standards, an instant score

Register or Login to Use

School Center

Math  
Options  
for grades  
6 thru 8

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## Middle School

[Elementary School](#) [Middle School](#) [Mathematics Skills Improvement](#) [Expressions & Equations Practice](#) [Functions Practice](#) [Geometry Practice](#) [Number System Practice](#) [Ratios & Proportional Relationships Practice](#) [Statistics & Probability Practice](#) [Tutorials](#) [eBooks](#) [English Language Arts Skills Improvement](#)

### Mathematics Skills Improvement

#### Expressions & Equations Practice

Show me: 

All

Showing Pages 1 of 2 [1](#) [2](#)

**Grade 6 Expressions & Equations Practice 1**

[Register](#) or [Login](#) to Use

This first practice set will help improve your skills in 6th grade concepts involving expressions and equations. It provides questions aligned to Common Core State Standards, an instant score report, and full answer explanations.

**Grade 6 Expressions & Equations Practice 2**

[Register](#) or [Login](#) to Use



School Center

English  
Options  
for grades  
6 thru 8

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# Middle School

Elementary School

Middle School

Mathematics Skills Improvement

English Language Arts Skills Improvement

Informational Reading Practice

Literature Reading Practice

Writing & Language Practice

Tutorials

eBooks

Social Studies Skills Improvement


High School Entrance Exams Preparation

## English Language Arts Skills Improvement

### Informational Reading Practice

Show me: All

Showing Pages 1 of 1



#### Grade 6 Informational Reading Practice 1

This first practice set will help improve your ability to read and understand 6th grade informational writing. It includes passages and questions aligned to CCSS Anchor Standards, an instant score report, and full answer explanations.



#### Grade 6 Informational Reading Practice 2

Register or Login to Use

Register or

School Center

Social  
Studies  
Options  
for grades  
6 thru 8

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# Middle School

[Elementary School](#)  
[Middle School](#)  
[Mathematics Skills Improvement](#)  
[English Language Arts Skills Improvement](#)  
[Social Studies Skills Improvement](#)  
[American History Practice](#)  
[Geography Practice](#)  
[High School Entrance Exams Preparation](#)  
[High School](#)

## Social Studies Skills Improvement

### American History Practice

Show me: 

All

Showing Pages 1 of 1

**U.S. Constitution in 15 Minutes a Day**  
This eBook will help students learn the history concepts related to the U.S. Constitution. Each lesson covers a key historical time period and includes interesting facts and quotes, as well as practice questions to help students track their progress.

**Register or Login to Use**

**United States Constitution Review 1**  
This review set offers 76 questions that test your

**Register or Login to Use**



# School Center - HS Options

## Mathematics Skills Improvement

Algebra Practices

Functions Practices

Geometry Practices

Number and Quantity Practices

Quantitative Comparison Practice

Statistics and Probability Practices

Tutorials

eBooks

## English Language Arts Skills Improvement

Informational Reading Practice

Literature Reading Practice

Writing & Language Practice

Vocabulary and Spelling Skills Practice

Word Analogies Practice

Synonyms and Antonyms Practice

Tutorials

eBooks

## Science Skills Improvement

Biology Practice

Chemistry Practice

## Social Studies Skills Improvement

American History Practice

Geography Practice

## Logic and Reasoning Skills Improvement

Logic and Reasoning Practice



# Tutorial & Standard Alignment

## Guidance Tab:

Find guides on how to use each level within the School Center.

Also find the curriculum guides to help you determine which tutorial and unit should be used. Click on “Common Core Details” to link to PDFs of the curriculum maps.



# Curriculum Map



## Middle School Reading Tutorial

This map correlates the individual topics of the Middle School Reading Tutorial to specific Common Core State Standards. For more detailed information about these standard codes, please visit the official website of the Common Core State Standards Initiative.

Unit	Lesson	Topic	Anchor 1	Anchor 2	Anchor 3	Anchor 4
Key Ideas and Details	Genre	Fiction	CCSS.ELA-Literacy.CCRA.L6	CCSS.ELA-Literacy.CCRA.R6		
Key Ideas and Details	Genre	Nonfiction	CCSS.ELA-Literacy.CCRA.L6	CCSS.ELA-Literacy.CCRA.R6		
Key Ideas and Details	Skimming and Author's Purpose	Skimming and Text Features	CCSS.ELA-Literacy.CCRA.R2	CCSS.ELA-Literacy.CCRA.R3	CCSS.ELA-Literacy.CCRA.R5	CCSS.ELA-Literacy.CCRA.R7
Key Ideas and Details	Skimming and Author's Purpose	Author's Purpose and Audience	CCSS.ELA-Literacy.CCRA.R6	CCSS.ELA-Literacy.CCRA.R8	CCSS.ELA-Literacy.CCRA.L6	CCSS.ELA-Literacy.CCRA.R10
Key Ideas and Details	Main Idea, Supporting Details, and Summary	Main Idea and Supporting Details	CCSS.ELA-Literacy.CCRA.R1	CCSS.ELA-Literacy.CCRA.R2	CCSS.ELA-Literacy.CCRA.R8	CCSS.ELA-Literacy.CCRA.R10
Key Ideas and Details	Main Idea, Supporting Details, and Summary	Summary and Paraphrase	CCSS.ELA-Literacy.CCRA.R.1	CCSS.ELA-Literacy.CCRA.R.2	CCSS.ELA-Literacy.CCRA.R.5	CCSS.ELA-Literacy.CCRA.R10
Key Ideas and Details	Evidence, Inference, and Conclusion	Evidence, Fact, and Opinion	CCSS.ELA-Literacy.CCRA.R.1	CCSS.ELA-Literacy.CCRA.R.2	CCSS.ELA-Literacy.CCRA.R.6	CCSS.ELA-Literacy.CCRA.R.8
Key Ideas and Details	Evidence, Inference, and Conclusion	Inference and Conclusion	CCSS.ELA-Literacy.CCRA.R.1	CCSS.ELA-Literacy.CCRA.R.2	CCSS.ELA-Literacy.CCRA.R.6	CCSS.ELA-Literacy.CCRA.R.8
Craft and Structure	Story Structure	Setting	CCSS.ELA-Literacy.CCRA.R.1	CCSS.ELA-Literacy.CCRA.R.2	CCSS.ELA-Literacy.CCRA.R.3	CCSS.ELA-Literacy.CCRA.L6

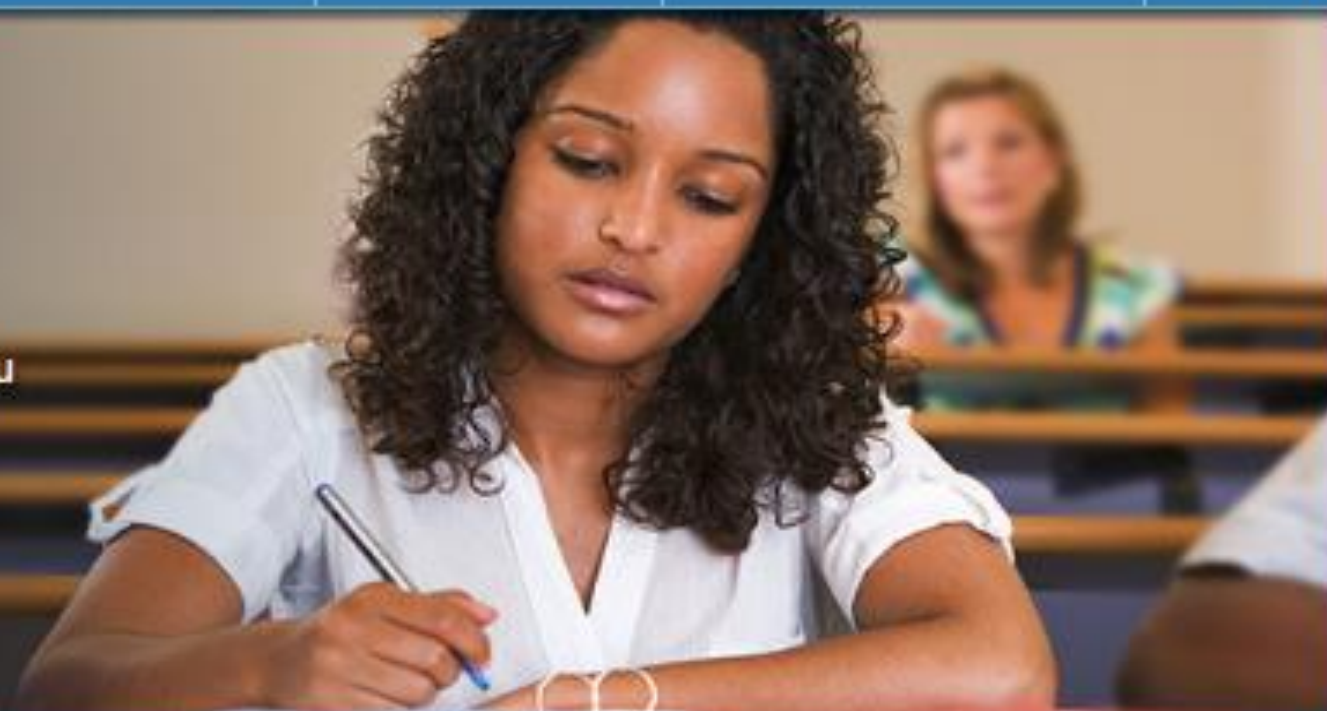
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## College Preparation Center

Practice tests, interactive tutorials, and eBooks to help you prepare for college success.



*How did you do?*



Prepare for Your ACT®  
Test



Prepare for Your SAT®



Prepare for Your AP®  
Exam



Prepare for Your  
PSAT/NMSQT®







## Prepare for Your SAT® Test

[Prepare for Your ACT® Test](#)

[Prepare for Your SAT® Test](#)

[SAT® Test Preparation Tutorial](#)

[Introduction to the SAT® Test Tutorial](#)

[SAT® Reading Test Preparation Tutorial](#)

[SAT® Writing and Language Test Preparation Tutorial](#)

[SAT® Math Test Preparation Tutorial](#)

[SAT® Essay Test Preparation Tutorial](#)

[SAT® Practice Tests](#)

[SAT® Reading Practice Tests](#)

[SAT® Writing & Language Practice Tests](#)

[SAT® Math Practice Tests](#)

[SAT® Essay Practice Tests](#)

[SAT® Complete Simulated Practice Tests](#)

## SAT® Practice Tests



### SAT® Complete Simulated Practice Tests

**i** These complete simulated practice tests combine each of the four sets of individual section practice tests into four complete simulation practice tests. So, if you've already taken SAT® Math Practice Test 1, SAT® Writing and Language Test 1, and SAT® Reading Practice Test 1, you should start with SAT® Complete Practice Test 2 to ensure you take a different test.

Show me:

All

Showing Pages 1 of 1



### SAT® Complete Practice Test 1

The first of four, this full-length practice test will show you what you can expect when you take the official exam. It includes each of the three tests that appear on the SAT® test—Reading, Writing and Language, and Math—as well as the same question types, format, and timing as the original.

[Launch](#)

# SAT Tutorials and Practice

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## SAT® Complete Practice Test 1

Before you begin your test, it's very important to take a few minutes to review these instructions to be sure you get the most from your online testing experience.

### About This Test

Welcome. This practice test was designed to help you prepare for the format, timing, and content of the official SAT® test by simulating the conditions you'll encounter on test day. Like on the official test, you'll work your way through each section with strictly enforced timers and be given the opportunity to take two short breaks. You will not be able to return to a previous section of the test once you've completed it, and once the final timer is up, your test will be over and then instantly scored. Please note that this practice test includes Reading, Writing, and Math sections but does not include practice for the optional Essay.

**IMPORTANT!** Be sure to budget approximately three hours to complete this practice test. If you quit at any point during this practice test, any progress you've made will not be saved and you'll have to start over again from the beginning. When you are ready to begin, click "Start Test" below.

\*SAT is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

#### Reading Practice Test

✔ 52 Questions ⌚ 65 Minutes

#### Writing and Language Practice Test

✔ 44 Questions ⌚ 35 Minutes

#### Math Practice Test

✔ 58 Questions ⌚ 80 Minutes

[Start Test ➤](#)

# SAT® Math Practice Test 1

Before you begin your test, it's very important to take a few minutes to review these instructions to be sure you get the most from your online testing experience.

✓ 58  
Total Questions

⌚ 80  
Minutes to Complete

## About This Test

This practice test is designed to help you develop the skills you need to answer each type of question on your upcoming SAT® Math test. Like the official test, this practice SAT® Math test comprises two separate sections:

- A 20-question section comprising 15 multiple-choice and 5 student-produced response (grid-in) questions where the use of a calculator is not permitted.
- A 38-question section comprising 30 multiple-choice and 8 student-produced response (grid-in) questions where the use of a calculator is permitted.

\*SAT® is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

## Choose Your Test Mode:

- ☐ **Simulation**  
The test will stop when the timer is up.
- ☒ **Practice**  
See answer explanations after you have finished. If the test is timed, the timer will display but will not be enforced.
- ☐ **Learner**  
View the answers to each question as you go along to help you study.

Start Test ➤

## How to Take This Test

### Answering Questions

Mark your answer by clicking on the circle next to your choice.

### Changing Your Answers

Before clicking SCORE MY TEST, you can change your answer to any question by clicking on a new answer choice. Once you score your test, you will not be able to change answers.

### Skipping Questions

Click on the square box next to SKIP QUESTION FOR NOW to mark it skipped. You can return to



## Sign in to your account

Username

Password

Login

New User?

Register

[Forgot Password?](#)

## Create your account



YOUR INSTITUTION  
IS

Michigan eLibrary

If this is correct please register below. [This is not my institution.](#)

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[Get an Email](#)

[Register without Email](#)

\* Confirm Email

\* Password

\* Re-enter  
Password

\* First Name

Last Name

\*Required Field

Create Account

Already Registered?

Login

[Why do I have to Register?](#)

# My Center

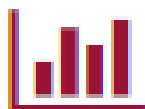
Use this drop-down menu to view your tests, tutorials or eBooks.

Select

Tests



2 Tests Completed



0 Tests in Progress

### RECOMMENDATION KEY



**Develop:** Skills development needed. Use these resources to build your skills.



**Improve:** Skills improvement recommended. Use these resources to practice and improve skills.



**Practice:** Skills mastered. Use these resources for additional practice.



SAT\* Critical Reading Practice Test 1



Delete |  Start New Test



SAT\* Math Practice Test 1

College Preparation Center, Home













Delete |  Start New Test

Use this drop-down menu to view your tests, tutorials or eBooks.

Select

eBooks

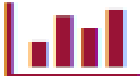


Title	Description	Actions	
<b>501 Algebra Questions, 3rd Edition</b> Adult Learning Center, College Center, Home	Using a multiple-choice approach that moves from basic to difficult questions, this eBook will teach you concepts and skills in algebra. This eBook covers the full range of algebra concepts, with tips on how to avoid careless mistakes.	 Download	 Delete
<b>SAT*/PSAT* Word Games</b>	Need a break from practice tests and flashcards? The eBook SAT/PSAT Word Games is a fun way to brush up on test vocabulary. By completing a series of challenging word games, you'll prepare for the writing and reading sections of the SAT and PSAT exams.	 Download	 Delete
<b>SAT* Math Essentials</b>	If you are taking the SAT and need a more in-depth review of the Math section, here's everything you need to get started. This eBook is an indispensable study tool that includes hundreds of practice exercises that will help you boost your SAT Math score.	 Download	 Delete
<b>501 Grammar and Writing Questions, 4th Edition</b> Adult Learning Center, College Center, Home	This eBook provides a comprehensive review of grammar essentials and expert strategies for writing effective sentences and essays.	 Download	 Delete
<b>SAT*/PSAT* Word Games</b>	Need a break from practice tests and flashcards? The eBook SAT/PSAT Word Games is a fun way to brush up on test vocabulary. By completing a series of challenging word games, you'll prepare for the writing and reading sections of the SAT and PSAT exams.	 Download	 Delete







Use this drop-down menu to view your tests, tutorials or eBooks.

Select Tutorials

 **0 Tutorials Completed**  
 **2 Tutorials in Progress**

RECOMMENDATION KEY

-  **Develop:** Skills development needed. Use these resources to build your skills.
-  **Improve:** Skills improvement recommended. Use these resources to practice and improve skills.
-  **Practice:** Skills mastered. Use these resources for additional practice.

 **Grade 8 Math Tutorial** (in progress)  
Home

 [Resume Tutorial](#) |  [Delete](#)

**SAT\* Test Preparation Tutorial: Comprehensive** (not started)

 [Delete](#) |  [Start Tutorial](#)

**High School Reading Tutorial** (not started)  
Home

 [Delete](#) |  [Start Tutorial](#)

 **SAT\* Test Preparation Tutorial: Comprehensive** (in progress)

 [Resume Tutorial](#) |  [Delete](#)



## SAT\* Critical Reading Practice Test 1

[Delete](#)[Start New Test](#)

Date	Status	Score	Actions	Recommended Resources
Scored: 01-Feb-2016 3:47:22 PM	Complete	270	<a href="#">View Score Report</a> <a href="#">Review Answers</a> <a href="#">Delete</a>	N/A



## SAT\* Math Practice Test 1

College Preparation Center

[Delete](#)[Start New Test](#)

Date	Status	Score	Actions	Recommended Resources
Scored: 01-Feb-2016 3:45:03 PM	Complete	210	<a href="#">View Score Report</a> <a href="#">Review Answers</a> <a href="#">Delete</a>	<div> <a href="#">SAT® Reading Practice Test 1</a></div> <div> <a href="#">SAT® Essay Practice Test 1</a></div> <div> <a href="#">Introduction to the 2016 SAT® Tutorial</a></div> <div> <a href="#">SAT® Writing and Language Practice Test 1</a></div> <div> <a href="#">SAT® Math Test Tutorial</a></div> <div> <a href="#">SAT® Math Practice Test 2</a></div>

## Score Report

Your Score:

210

[View Answers](#)

Your performance on this practice test indicates that you need further preparation for the Math portion of the SAT.

On the score report for the official SAT, you will receive a number of different scores, including your total SAT score on a scale of 400 to 1600; your Evidence-Based Reading and Writing and Math section scores on a scale of 200 to 800; your Writing and Language Test, Reading, and Math test scores on a scale of 10 to 40; as well as more detailed cross-test scores and subscores.

This report displays your scaled practice Math Section score as well as raw scores for the individual skills assessed on the official test. The separate raw score you receive for each skill is a helpful tool to pinpoint your strengths and weaknesses so you can focus your studying and ultimately achieve the best score possible on the official SAT Math Test.

If you have taken (or plan to take) SAT Writing and Language Practice Test 1 and SAT Reading Practice Test 1, you can find your total practice SAT score using the following formula:

1. First, calculate your practice Evidence-Based Reading and Writing section score. To find this score, add your scaled Test scores from SAT Reading Practice Test 1 and SAT Writing and Language Practice Test 1, and then multiply that sum by 10. For example, if you earned a score of 33 on this practice test and a score of 34 on SAT Reading Practice Test 1, your practice Evidence-Based Reading and Writing section score will be 670 ( $33 + 34 = 67 \times 10 = 670$ ).
2. Next, take the practice Evidence-Based Reading and Writing section score you calculated above and add it to the practice Math section score you earned on this practice test to find your total practice SAT Score.

Remember, the scores you receive on these practice tests are just approximations of what your official SAT scores might be. Good luck!



# Summary of Math Test Report

Topic	Number of Questions	Correct	Incorrect	Skipped	Score
Calculator: Not Permitted	20	2	4	14	2
Heart of Algebra	8	2	1	5	2
Understand connections between algebraic and graphical representations	1	1	0	0	1
Solve systems of two linear equations in two variables	1	0	1	0	0
Create, solve, or interpret linear inequalities in one variable	2	1	0	1	1
Build a linear function that models a linear relationship between two quantities	1	0	0	1	0
Solve linear equations in one variable	1	0	0	1	0
Interpret the variables and constants in expressions for linear functions within the context presented	1	0	0	1	0
Create, solve, and interpret system of two linear equations in two variables	1	0	0	1	0
Passport to Advanced Math	9	0	2	7	0
Interpret parts of nonlinear expressions in terms of their context	1	0	1	0	0
Perform arithmetic operations on polynomials	2	0	1	1	0
Solve radical and rational equations in one variable, including examples where there are extraneous solutions	1	0	0	1	0
Rewrite simple rational expressions	1	0	0	1	0
Understand the relationship between zeros and factors of polynomials; use it to sketch graphs	1	0	0	1	0
Use structure to isolate or identify a quantity of interest in an expression or isolate a quantity of interest in an equation	1	0	0	1	0
Create equivalent expressions involving radicals and rational exponents	1	0	0	1	0
Solve quadratic equations	1	0	0	1	0
Additional Topics in Math	3	0	1	2	0
Perform arithmetic operations on complex numbers	1	0	1	0	0

## Recommendations



### SAT® Reading Practice Test 1

This is the first of four practice tests designed to prepare you for the format, content, and timing of the new SAT® Test's Reading section. Use the instant scoring and detailed answer explanations to determine where you're strong, and what can be improved.

Launch



### SAT® Essay Practice Test 1

This is the first of four practice tests that will help prepare you for the format and content of the new SAT® Test's optional essay. It includes a prompt similar to the ones found on the official exam, sample responses at different scoring levels, plus a self-scoring guide to assess your work.

Launch



### Introduction to the 2016 SAT® Tutorial

This tutorial outlines all of the important information you need to know about the SAT® test—so you can prepare correctly, reduce your stress, and get your best score. It also includes key facts and figures about registration, fees, scoring, and the difference between the SAT® test and the ACT®.

Launch



### SAT® Writing and Language Practice Test 1

This is the first of four practice tests designed to prepare you for the format, content, and timing of the new SAT® Test's Writing and Language section. Use the instant scoring and detailed answer explanations to determine where you're strong, and what can be improved.

Launch



### SAT® Math Test Tutorial

This tutorial will walk you through the formulas, concepts, and problem-solving techniques you need to know in order to achieve a high score on the SAT® Math Test. You'll also practice answering both calculator and non-calculator questions, as well as a special question type known as "grid-in."

## Recommendations Key



**Develop:** Skills development needed. Use these resources to build your skills.



**Improve:** Skills improvement recommended. Use these resources to practice and improve skills.



**Practice:** Skills mastered. Use these resources for additional practice.

2.

There is a power outage in a large section of the state of Delaware. In order to restore power, a one-minute boot sequence must be performed at the main power plant. Then, each tower in each local power hub in each of the affected counties must be rebooted individually. There are  $c$  counties,  $h$  local power hubs in each county, and  $t$  towers connected to each local power hub. All towers must be rebooted in order for power to be fully restored, and an engineer estimates that it will take  $60 + 0.15thc$  seconds to completely restore power. Which of the following is the best interpretation of the quantity 0.15 in this expression?

- ✓ A. ☐ the time it takes for a single tower to reboot
- ✗ B. ☒ the number of towers to which power is restored per second
- ✗ C. ☐ the percentage of towers, all told, to which power must be restored in order to bring power back to the  $c$  counties
- ✗ D. ☐ the total number of towers that must be rebooted

Your Answer  
**INCORRECT**

☐ Skip Question for Now

### Answer Explanation

✓ Score: 0/1

This choice is incorrect. 0.15 is a rate constant, not a count of the number of towers.

✓ Topic: Passport to Advanced Math

✓ Subtopic: Interpret parts of nonlinear expressions in terms of their context





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To get into an Allied Health training program, you need a good score on the entrance exam. Make sure that happens by taking practice tests first. Here, answer 50 questions in biology; then see your score, the right answers, and explanations.



## Health Careers Practice Entrance Test: Chemistry

To get into an Allied Health training program, you need a good score on the entrance exam. Make sure that happens by taking practice tests beforehand. Here, answer 50 chemistry questions; then see your score, the right answers, and explanations.



# Featured Resources



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- Math Skills Practice Sets
- Math Skills eBooks



### Become a Better Reader

- Reading Skills Tutorials
- Reading Skills Practice Sets
- Reading Skills eBooks



### Improve Your Writing, Speaking, and Grammar

- Writing and Grammar Skills Tutorials
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## College Center



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- Basic Math
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- Geometry and Measurement
- Trigonometry
- Statistics
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- Quantitative Comparison and Word Problems



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[www.MeLTraining.weebly.com](http://www.MeLTraining.weebly.com)

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- On the next screen, you can choose which subscriptions you would like to sign up for. **Please choose "K-12 School Library/Media Center & Educator Community"**.
- Once you submit, you will see additional lists from the State of Michigan that you may sign up for. These are optional. Please be sure to "submit" and "finish" to ensure you will receive K-12 MeL updates.

# Thank you!

## Questions?

Archived copies of previous webinars can be found at <https://www.mcls.org/mel/mel-training-events/>  
This webinar will be up there soon. Questions concerning access to the databases can be directed to [melatabaseshelp@mcls.org](mailto:melatabaseshelp@mcls.org)

Additional questions/comments about MeL can be directed to [BiggsD@michigan.gov](mailto:BiggsD@michigan.gov) or [CSchneider.mel@gmail.com](mailto:CSchneider.mel@gmail.com)  
This project is supported by the Library of Michigan with federal funds from the Institute of Museum and Library Services.

<https://goo.gl/forms/CSEmOot7waon9eUa2>

