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Britannica  
Mathematics  
in  
Context  
Online

# Mathematics in Context Online Users' Guide

The Gateway to an Abundance of Resources Online

**Mathematics in Context Online** provides resources and support for students and teachers. It is designed to be used with **Mathematics in Context**, a standards-based curriculum for the middle grades.

**mathincontext.eb.com**

## Features Include:

- Implementation information including scope and sequence.
- Digital copies of the student edition, in both English and Spanish, for reference at home.
- Digital copies of the student edition, for classroom use on interactive whiteboards.
- Teacher resources including assessments, key graphs and drawings, teacher planning aids, and the entire teacher guide for each unit.
- Correlations to state standards.
- Parent information including mathematical content and student learning goals.
- Interactive virtual manipulatives for student practice.

The following pages will help you to navigate through the site.

**mathincontext.eb.com**



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# Britannica Mathematics in Context Online

## Teacher Users' Guide



For Students

You are about to enter the website that is built especially for you, a middle school math student! Choose the MiC unit you are working on, click on resources and find the student activity sheets, interactive manipulatives that provide fun and puzzles for you, even a glossary of math terms! Click on student edition and you will find the entire book online! Try the link to applets! Tell your parents there is a piece of the site that helps them to understand exactly what you are doing in math class. We at Britannica hope you enjoy this site! Come back often and bring your parents!



For Teachers

You are about to enter the Mathematics in Context website. Middle school mathematics has never been easier to teach! We have tried to provide everything you need to use: the teacher guides, the assessments, the SAS, even the student editions are online. Whether you use an overhead projector, a digital projector or an interactive whiteboard, you are ready to go! You see everything the students see on their site, as well as the resources for teachers only. And there is information for parents! We at Britannica are striving to improve the site based on your needs, please email us and let us know what you might find helpful! Enjoy!

1. To Begin, Click: [Click here to explore.](#)

### 2. Browse the Site:

- Sample the *Middle School Math Companion Workbooks* designed to accompany each grade level of *MiC*.
- Review research on student learning using *MiC*.
- Explore *Key to Success*, a derivative product for summer schools, the mathematical content, the student and teacher editions online, and state standards correlations.

Click: Right hand set of books  
[Click here if this looks like your book cover.](#)

### “MiC Units” page:

This page contains the links to all other pages on the site.

- [Glossary](#) lists all math words that are important for *MiC*.
- Every [teacher guide](#) is online in its entirety; click on the drop-down menu for all titles.
- The [expanded table of contents](#) is new for the 2010 edition. This table of contents provides a list of mathematics in each section.
- The table lists each unit of *MiC* with a link to resources for teachers, the student edition in English, as well as the Spanish edition.
- Levels 1,2, and 3 align to grades 6, 7 and 8.

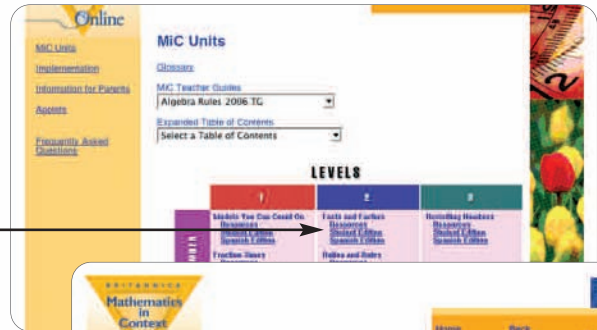
LEVELS		
LEVEL 1	LEVEL 2	LEVEL 3
<b>Units</b> Algebra Year One Algebra Year Two Algebra Year Three Algebra Year Four Algebra Year Five Algebra Year Six Algebra Year Seven Algebra Year Eight Algebra Year Nine Algebra Year Ten Algebra Year Eleven Algebra Year Twelve	<b>Units</b> Algebra Year One Algebra Year Two Algebra Year Three Algebra Year Four Algebra Year Five Algebra Year Six Algebra Year Seven Algebra Year Eight Algebra Year Nine Algebra Year Ten Algebra Year Eleven Algebra Year Twelve	<b>Units</b> Algebra Year One Algebra Year Two Algebra Year Three Algebra Year Four Algebra Year Five Algebra Year Six Algebra Year Seven Algebra Year Eight Algebra Year Nine Algebra Year Ten Algebra Year Eleven Algebra Year Twelve



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### 3. Click: **Facts and Factors: Resources**

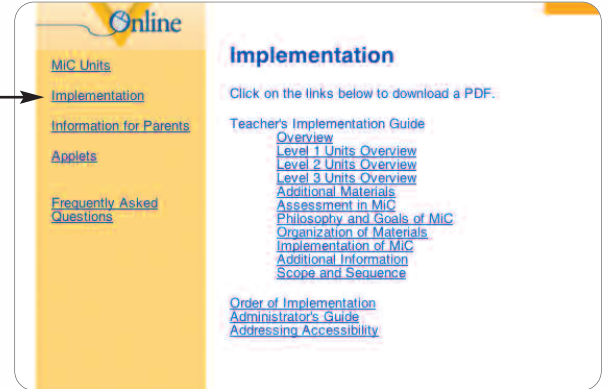
Each teacher resource provides assistance for the teacher:

- All assessments are online.
- Teaching transparencies provide digital copies for teachers to use.
- Teachers Matter contains two pages that help with daily lessons.
- Student Resources provide review pages and activity sheets for at-home use.
- Interactive Manipulatives are related to the lessons in the unit.



### 4. Click: **Implementation**

- **Level Units Overview** provides a synopsis of the mathematics in each unit by level.
- **Scope and Sequence** provides a mathematical overview of the three levels and the connections between and among the mathematical strands.
- Each of the other labeled parts is a piece of the *MiC* philosophy and includes suggestions for implementation.



### 5. Click: **Information for Parents**

- **Presentations** links to a PowerPoint presentation for parent nights.
- Each unit title provides an overview for parents listing learning lines and math content.



Click on **Applets** to be redirected to the Freudenthal Institute applets (a software component that runs in the context of another program) that may be used with *MiC*.