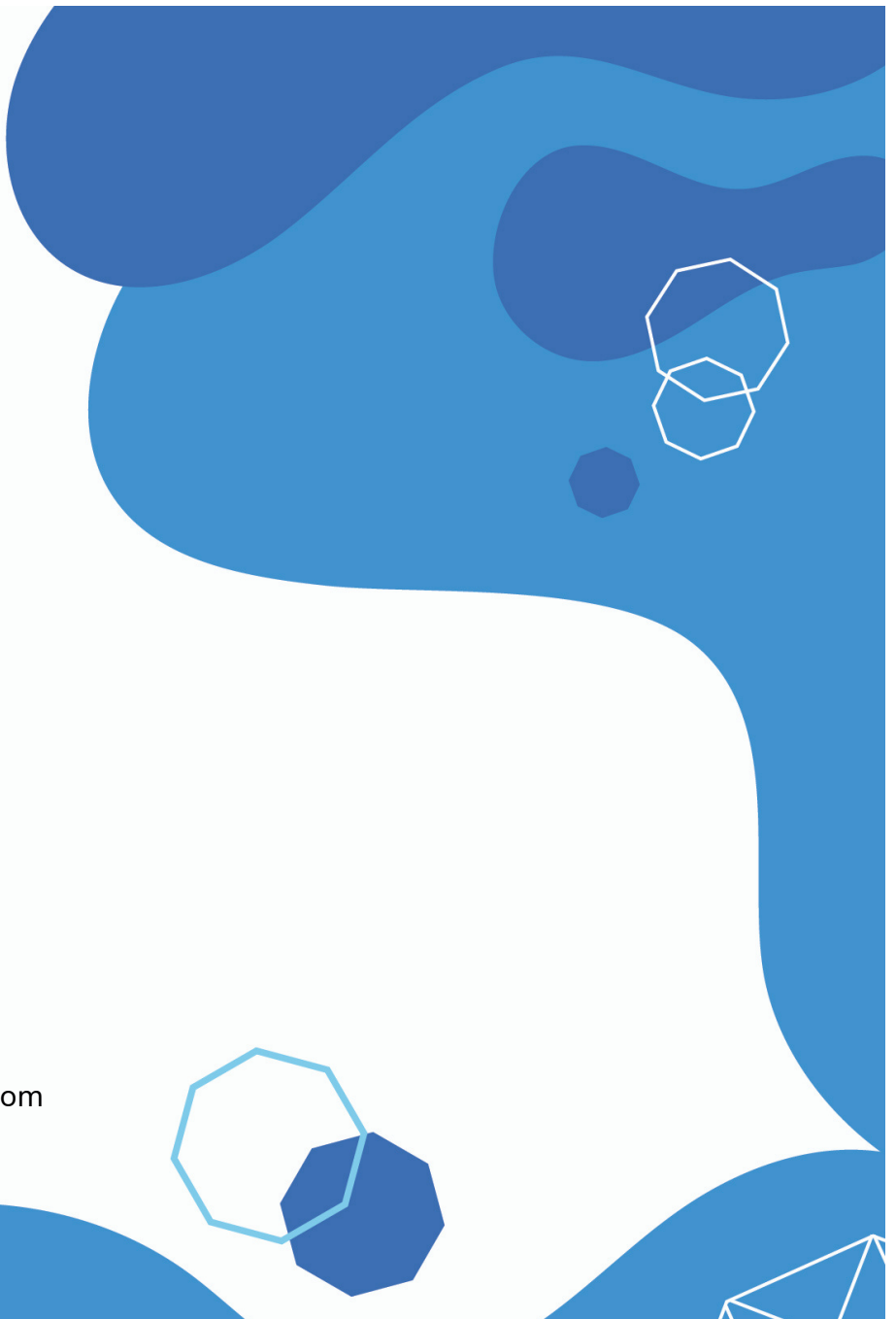
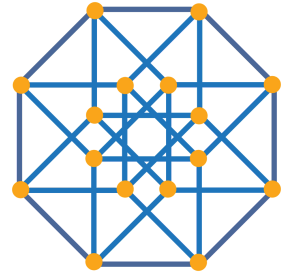


# eMATHinstruction



an introduction



[www.eMATHinstruction.com](http://www.eMATHinstruction.com)

# What is eMATHinstruction?

eMATHinstruction (eMATH) makes teaching math a whole lot easier and learning math a whole lot more fun. We provide free lesson plans, videos and homework sets for middle and high school mathematics courses. Our standards-aligned, scaffolded curricula are easy to use, and save teachers time and energy. Premium content - including answer keys, assessments, exit tickets and more - is available through a paid yearly membership. We provide high quality materials, so teachers have time to focus on creative activities and individualized student support. Our fun and engaging videos provide reinforcement or instruction when synchronous learning is not possible.

eMATH was founded in 2008 by veteran mathematics educator, Kirk Weiler. Kirk started eMATH to share the resources he had created with other teachers who were constantly asking for extra materials to enrich their teaching. As a former engineer with a passion for mathematics in everyday life, Kirk makes math exciting, engaging, and relatable. What began as an accidental experiment has grown into a mission to make teaching easier and learning more fun.



# How does eMATH make teaching easier?

We create high quality, carefully scaffolded curricula that are designed to build student confidence and mathematical skills. Each course contains free, ready-to-use lesson plans and homework sets. Each lesson has an accompanying full-length YouTube video, which can be used for asynchronous instruction, flipping, and content reinforcement. Our mission is to give teachers the standards-aligned complete curricula they need to teach the content, so they have the time and energy to be creative and provide students with personalized attention.

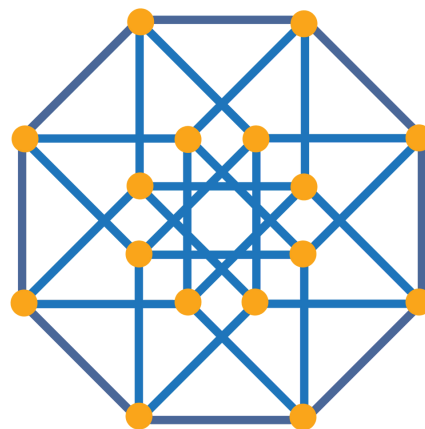


# How does eMATH make learning fun?

We meet students where they are. Today's student has a smartphone in their pocket, access to infinite information at their fingertips, and they demand relevance. Kirk's passion for math in the real world seeps into the problems he creates, giving students a deep connection to how math is applied in a myriad of real-life scenarios. Students truly connect to Kirk's highly engaging videos, which are easily accessible through the eMATH website, YouTube channel, or lesson QR codes (scannable with any smartphone). When a student cannot quite remember how their teacher explained a concept in class, a refresher is just a couple of clicks away. We also provide support to and engage with students during live end-of-year review sessions and other fun events throughout the year. When a student stops Kirk on the street for a selfie, we know that we have succeeded in making math fun.

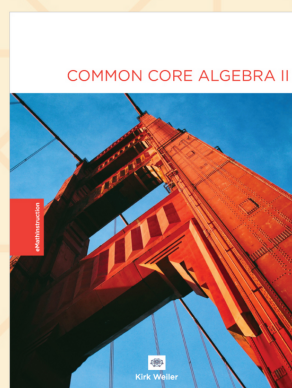
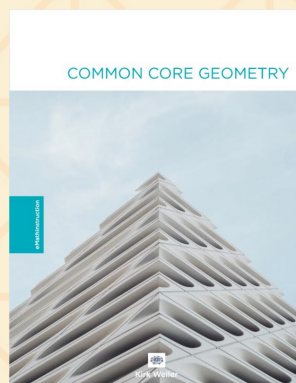
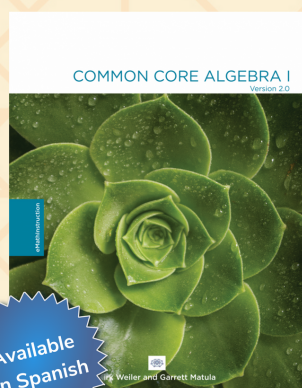
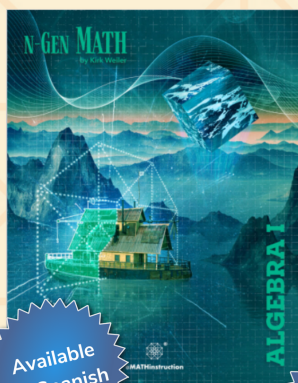


# What courses does eMATH offer?



eMATH offers middle school and high school math courses. The courses are aligned to the Common Core State Standards as defined by the Partnership for Assessment of Readiness for College and Careers.\* Our N-Gen Math courses are also aligned to the Next Generation Math Learning Standards. Visit [our website](#) for more information about standards alignment for our courses. Additionally, many of our courses are available in Spanish.

- N-Gen Math 6
- N-Gen Math 7
- N-Gen Math 8
- N-Gen Math Algebra I
- Common Core Algebra I
- Common Core Geometry
- Common Core Algebra II
- Algebra 2 + Trigonometry



\*Algebra 2 with Trigonometry is not aligned to the Common Core

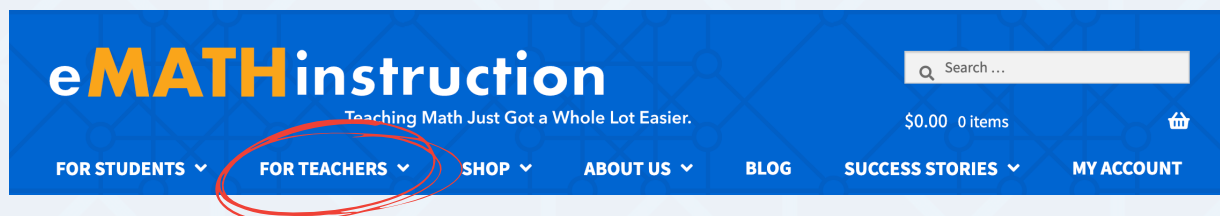
# What is the eMATH system?

The core of our curricula is available for free with the option of purchasing a membership for premium content.

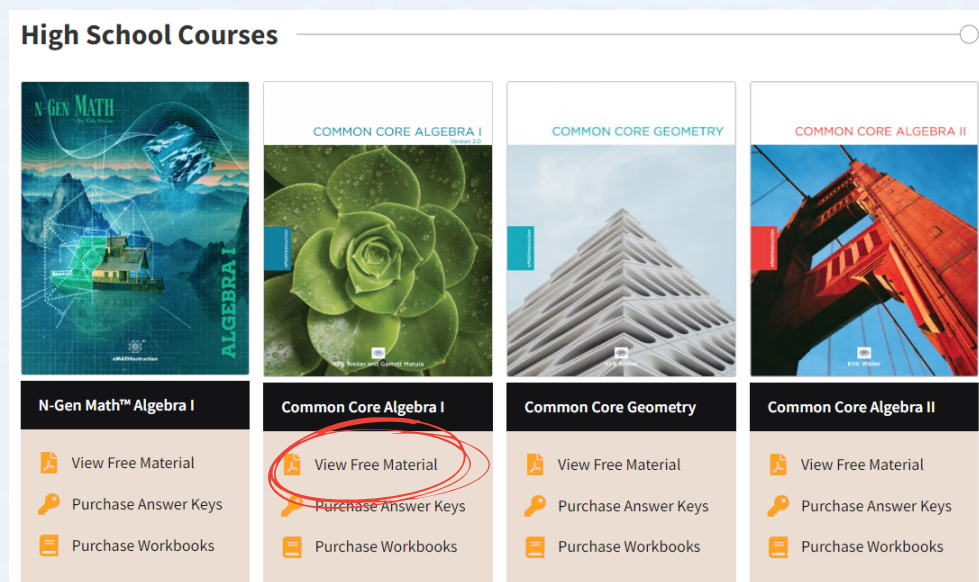
Our website provides online curricula for middle and high school mathematics courses. We offer a free set of downloadable online materials for each course, including lesson plans, homework-sets, and videos. Additionally, we offer premium content, including answer keys, assessments, exit tickets, add-on activities and more through a paid yearly membership. Student workbooks are also available for purchase as an alternative to downloading and printing the free online materials.

## To access our free online materials:

1. Go to [www.eMATHinstruction.com](http://www.eMATHinstruction.com) and click on "For Teachers".



2. Navigate to the course you're interested in and click on "View Free Material".





### 3. Select a unit within your chosen course.

Common Core Algebra I

★★★★★

In this course students will explore a variety of topics within algebra including linear, exponential, quadratic, and polynomial equations and functions. Students will achieve fluency in solving linear and quadratic equations as well as with manipulation of polynomials using addition, subtraction, multiplication, and factoring. Students will understand the key differences between linear and exponential functions. Students learn to model problems using algebra, functions, sequences, probability, and statistics. This course is aligned to the Common Core State Standards for Algebra I.

**Common Core Algebra I – Standards Alignment**

- Unit 1 – The Building Blocks of Algebra
- Unit 2 – Linear Expressions, Equations, and Inequalities
- Unit 3 – Functions
- Unit 4 – Linear Functions and Arithmetic Sequences

**Customer Reviews**

**draucker.homeschool** ★★★★★

As a homeschool dad, I highly recommend eMathInstruction for homeschooling. The lessons combine video instruction with worksheets, which enables students to step through the lessons, personally working out each example to ensure they learn each concept before moving on to the next. My son likes to pause the video to try solving each example first, and then watch the video to see if he got it...

[Read full review](#)

**sgough** ★★★★★

I have been using emathinstruction for

### 4. Click on any “PDF Document” link to download the lesson plan and associated homework set. You will see a video link there as well.

Common Core Algebra I

Unit 1 – The Building Blocks of Algebra

This unit revolves around the concept of equivalency. Within this larger framework, we review and develop the real number properties and use them to justify equivalency amongst algebraic expressions. Students get work in mindful manipulation of algebraic expressions and actively seek structure within expressions to understand equivalency.

Lesson 1	Lesson 2	Lesson 3	Lesson 4
Rates, Patterns, and Problem Solving	Variables and Expressions	The Commutative and Associative Properties	The Distributive Property
<a href="#">PDF DOCUMENT</a>	<a href="#">PDF DOCUMENT</a>	<a href="#">PDF DOCUMENT</a>	<a href="#">PDF DOCUMENT</a>
<a href="#">PDF DOCUMENT - SPANISH</a>	<a href="#">PDF DOCUMENT - SPANISH</a>	<a href="#">PDF DOCUMENT - SPANISH</a>	<a href="#">PDF DOCUMENT - SPANISH</a>
<a href="#">VIDEO</a>	<a href="#">VIDEO</a>	<a href="#">VIDEO</a>	<a href="#">VIDEO</a>
<a href="#">PDF ANSWER KEY</a>	<a href="#">PDF ANSWER KEY</a>	<a href="#">PDF ANSWER KEY</a>	<a href="#">PDF ANSWER KEY</a>
<a href="#">WORD DOCUMENT</a>	<a href="#">WORD DOCUMENT</a>	<a href="#">WORD DOCUMENT</a>	<a href="#">WORD DOCUMENT</a>
<a href="#">WORD ANSWER KEY</a>	<a href="#">WORD ANSWER KEY</a>	<a href="#">WORD ANSWER KEY</a>	<a href="#">WORD ANSWER KEY</a>

5. Download as many documents and watch as many videos as you'd like. Use them with your class and enjoy. The items in yellow are all free!

6. The items with a red lock are premium resources that do require a membership. Learn about yearly memberships on [our website](#).

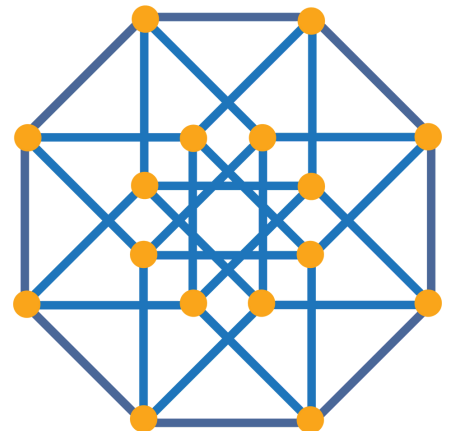
7. If you don't want to download, print, and photocopy handouts for your class, we offer the collection of lessons, homework sets, and unit reviews for each course in printed workbook form. Workbooks are a convenient way for students to keep their work organized. Visit our [online shop](#) to purchase workbooks and memberships or contact us at [orders@emathinstruction.com](mailto:orders@emathinstruction.com) to place a purchase order.

# How does eMATH work with teachers and schools?

We are flexible in how we work with schools and do our best to cater to what schools need. We have worked with small rural school districts, large urban school districts, and everything in between. Each school has unique needs and manages their math curricula in different ways. eMATH curricula is designed to be flexible - use it in the way that best fits your needs.

Each complete curriculum is available for free, so it is entirely possible to use all eMATH lessons, homework sets, and videos without paying anything. For those who find value in the premium resources such as answer keys, assessments, exit tickets, and more, you may find it handy to purchase a membership. Course memberships are sold per teacher per year. Small schools may have only one Algebra I teacher, while larger schools may have 30. Purchase as many as you need and take advantage of our volume discounts. Teachers who teach multiple courses may require multiple membership; one for each course. Some schools may find value in ordering workbooks for their students and others may opt to download the materials and then print and photocopy them for students. Schools are not one-size-fits-all and neither are we.

For information on credit card ordering or placing a purchase order please contact [orders@emathinstruction.com](mailto:orders@emathinstruction.com).





Teaching Math Just Got a Whole Lot Easier.

## Still have questions?

We would love to hear from you. We are here to answer any questions that you have and can provide guidance on the best options available for you and your school.

For general questions, please contact [info@emathinstruction.com](mailto:info@emathinstruction.com).

For ordering and purchase order questions, please contact [orders@emathinstruction.com](mailto:orders@emathinstruction.com).

We can also be reached by phone at 845-287-0201.

[www.eMATHinstruction.com](http://www.eMATHinstruction.com)



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