



**KENOSHA UNIFIED**  
SCHOOL DISTRICT

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# Virtually Blended: How to Use Blended Learning Within a School District

*Provide excellent, challenging learning opportunities and experiences that prepare each student for success*



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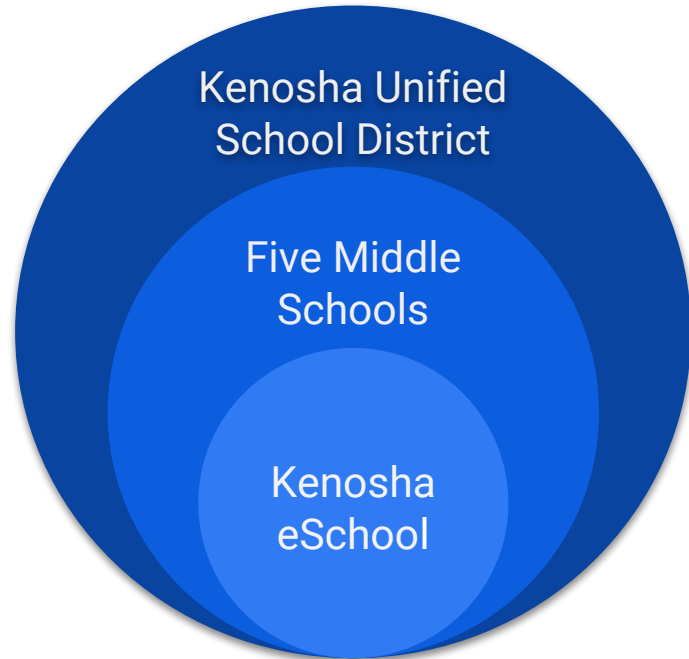
# Learning Objectives

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**At the end of this session, participants will be able to:**

- Summarize challenges and benefits of using blended learning to address a problem with no current solution (non-consumption problem).
- Understand the design process to pilot a blended model.
- Identify best practices and critical steps in integrating blended learning and programming choices.

# Background



- KUSD 3rd largest school district in Wisconsin.
- Kenosha eSchool is a K-12 virtual charter school
- Part of Wisconsin eSchool Network which is in partnership with the Wisconsin Digital Learning Collaborative.



# Identifying Non-consumption Problem

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- The Kenosha Unified School District had identified an issue with the scope and sequence of programming for our Gifted and Talented students.
- Kenosha Unified offered a Gifted and Talented program for students in grades 2 – 5 at one of our elementary schools. However, the English Language Arts and math honors program for students at the middle school level did not begin until grade seven.
- Historically, 6<sup>th</sup> grade students had only had limited access to advanced learning opportunities in math. Unfortunately, this option often left gaps in the math sequence for students.



# Comparison of Program Costs

<b>Year 4 and Beyond Cost</b>	<b>Site-Based Bus for Elementary and Middle School</b>	<b>Site-Based No Bus</b>	<b>Home School Elementary Bus</b>	<b>Home School No Bus</b>
<b>Total Cost</b>	\$917,439.00	\$540,000.00	\$306,000.00	\$0
<b>Per Pupil Cost</b>	\$ 3276.57	\$ 1928.57	\$ 3060.00	\$0

# Why Blended Learning?

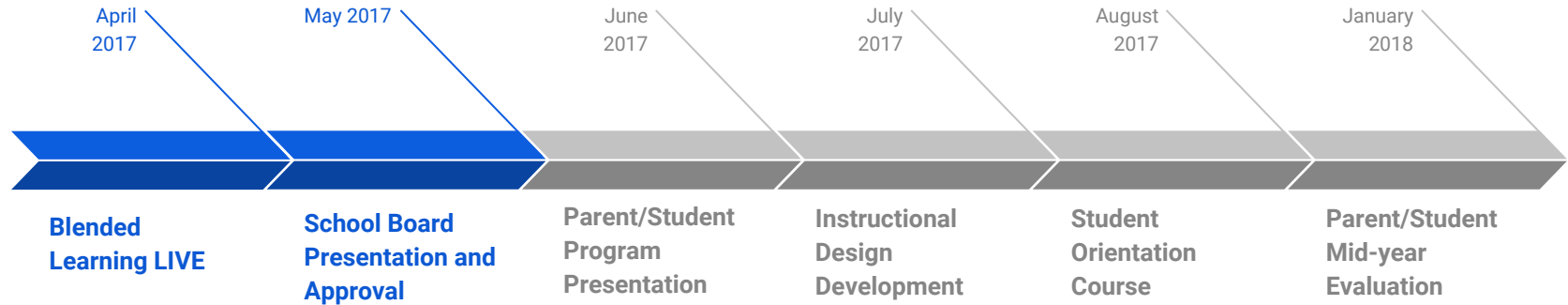
Identify a programming model for gifted and talented students (advanced learners).

- 5<sup>th</sup> grade students enrolled in eSchool 6<sup>th</sup> grade math have demonstrated success
- Provides access to high-quality advanced courses
- 2017-2018 completion rate for AP/Honors courses in math, English, Science and Social Studies

School	eSchool	All Other Kenosha Unified School District High Schools
Total Number of Courses	173	10,903
Total Number of Students Completing Courses	161	9983
Successful Completion Rate	93%	91%
Students earning 90% (A) or higher	50%	38%



# Roadmap to Blended Program Pilot



# Design Process to Pilot

## Problems and Goals

Identify programming model for gifted and talented (advanced learners) and a screener to identify the students

## Team

eSchool Teachers  
Blended Learning Facilitators  
Central Office Administrators  
eSchool and Middle School Principals

## Student & Teacher Experience

Student meets face-to-face with teacher one day per week.  
Ability to accelerate through online English and Math Curriculum  
Teacher visits each of the 5 middle schools 1 day per week.

## Physical and Virtual Environment

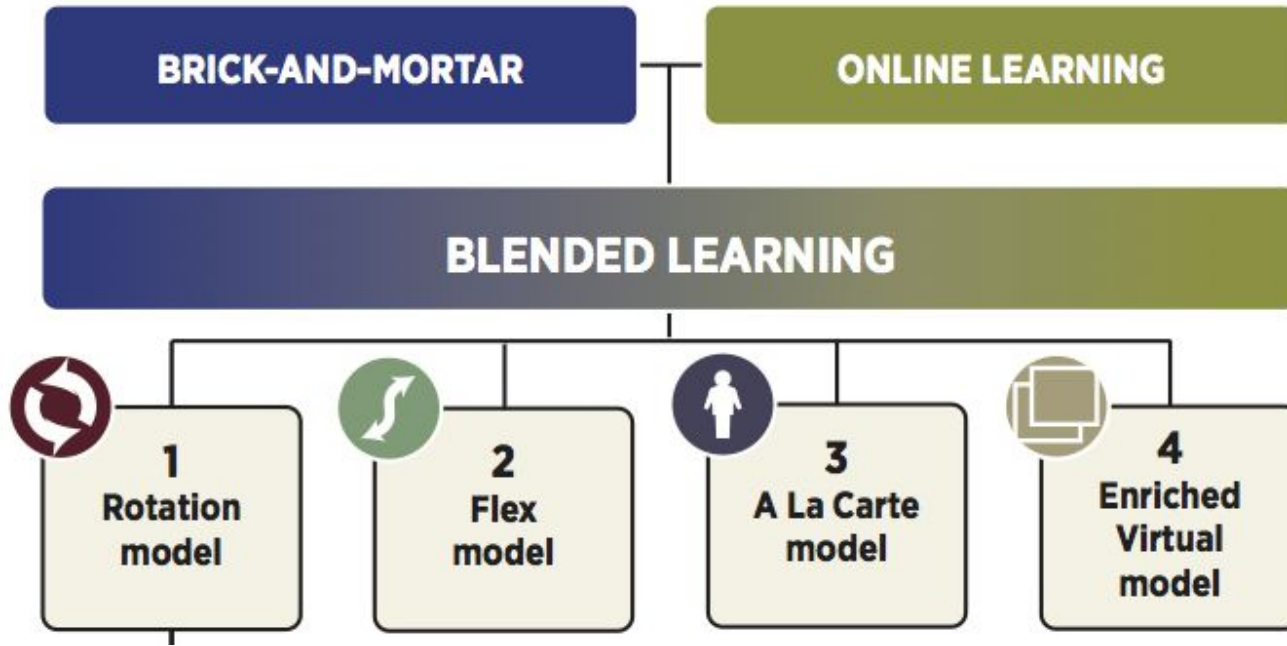
5 Middle School labs each with a lab assistant  
Content consists of eSchool online courses on Agilix BUZZ LMS

## Blended Learning Model

Enriched Virtual



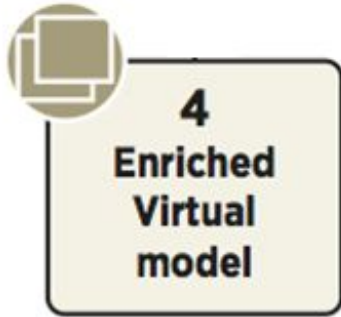
# Blended Learning Models



<https://www.christenseninstitute.org/wp-content/uploads/2013/04/blended-learning-taxonomy1.jpg>



# Enriched Virtual Model



- Online learning is the backbone of student learning--students complete the coursework online
- Required, weekly face-to-face learning sessions with teacher
- The online teacher is the teacher of record and the face-to-face teacher for weekly sessions

<https://www.christenseninstitute.org/blended-learning-definitions-and-models/>

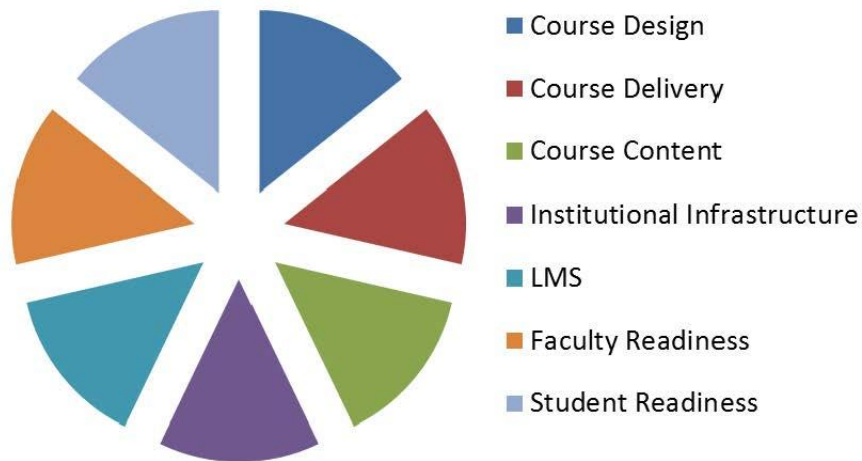


# Quality Matters



## Factors Affecting Course Quality

Online Quality Pie



# Middle School Enrichment Program Goals

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**Goal 1** – Increase the number of identified gifted and talented students achieving an advanced score on the ACT in grade level (a score higher than 28).

**Goal 2** – Increase the number of identified gifted and talented students completing four years of honors, AP or Youth Options with a grade of “B” or higher.

**Goal 3** – Increase the number of identified gifted and talented students participating in AP Calculus in 11<sup>th</sup> grade.

**Goal 4** – Increase the number of identified gifted and talented students achieving an advanced score on the Wisconsin Forward Exam in Grade 6 English and Math.

# Middle School Blended Enrichment Program

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- In order to fill the honors gap between 5<sup>th</sup> and 7<sup>th</sup> grade, the district approved the creation of a 6<sup>th</sup> grade blended learning program.
- Our 6<sup>th</sup> grade blended learning program was established to provide a personalized, self-paced enrichment program for students in advanced math and English.
- This model allows students to progress through 6<sup>th</sup> and 7<sup>th</sup> grade math at their own pace.
- The English course would provide enrichment for students, allowing a deeper dive into concepts, but it would not accelerated students through the curriculum.



# 6<sup>th</sup> Grade Middle School Blended Learning Enrichment Program

Grade Level	Math (Hyper-accelerated Program)	English (Honors Program)
6 <sup>th</sup> grade	<p><b>eSchool (blended)</b></p> <ul style="list-style-type: none"><li>• 6<sup>th</sup> Grade MS Math Course 1 Honors (1<sup>st</sup> Semester)</li><li>• Accelerated MS Math Course - (<u>Pre-Algebra</u>) (2<sup>nd</sup> Semester)</li><li>• Blended – eSchool teacher instruction one day each week</li></ul>	<p><b>eSchool (blended)</b></p> <ul style="list-style-type: none"><li>• 6<sup>th</sup> grade English Language Arts Honors</li><li>• Blended – eSchool teacher instruction one day each week</li></ul>



# 7<sup>th</sup> Grade Middle School Enrichment Program

Grade Level	Math (Hyper-accelerated Program)	English (Honors Program)
7 <sup>th</sup> grade	<p><b>Boundary School</b> 8<sup>th</sup> Grade Honors Math – Algebra</p> <p>OR</p> <p><b>eSchool (not blended)</b> Accelerated Algebra I Course</p>	<p><b>Boundary School</b> 7<sup>th</sup> Grade Honors English</p> <p>OR</p> <p><b>eSchool (not blended)</b> 7<sup>th</sup> Grade English Language Arts Honors</p>

# 8<sup>th</sup> Grade Middle School Enrichment Model

Grade Level	Math (Hyper-accelerated Program)	English (Honors Program)
8 <sup>th</sup> grade	eSchool (not blended) Honors Geometry Course	Boundary School 8 <sup>th</sup> Grade Honors English  OR  eSchool (not blended) 8 <sup>th</sup> Grade English Language Arts Honors

# High School Math Options

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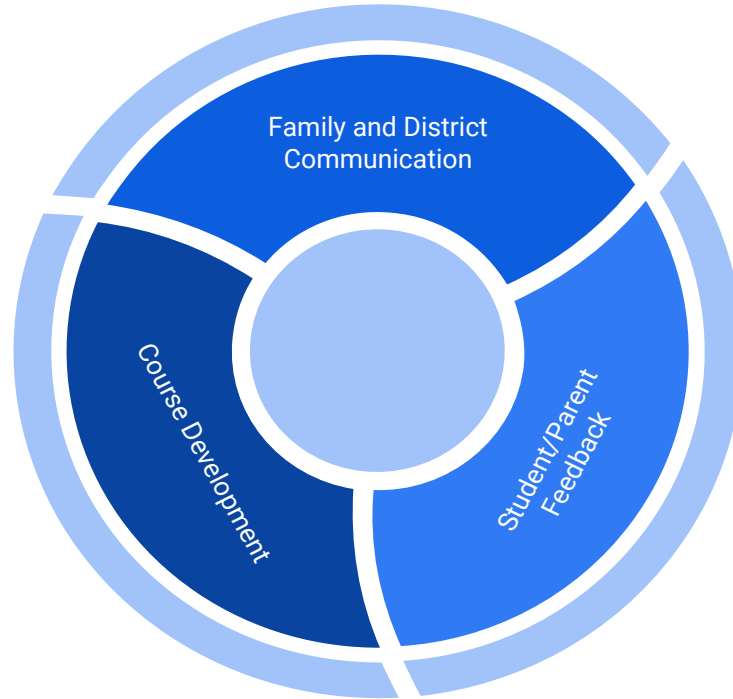
Grade Level	Advance Courses Available
9 <sup>th</sup> Grade	Algebra II Honors
10 <sup>th</sup> Grade	Pre-Calculus Honors
11 <sup>th</sup> Grade	AP Calculus
12 <sup>th</sup> Grade	AP Statistics or Youth Options Course

# High School English Options

Grade Level	Advance Course Available	Other Options
9 <sup>th</sup> Grade	Survey of Literature/Composition Honors	N/A
10 <sup>th</sup> Grade	World Literature/Composition Honors	N/A
11 <sup>th</sup> Grade	American Literature/Composition Honors	<ul style="list-style-type: none"><li>• AP English Literature and Composition</li></ul>
12 <sup>th</sup> Grade	Diverse Perspectives in Literature and Composition Honors	<ul style="list-style-type: none"><li>• AP English Language and Composition</li></ul>

# Best Practices

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# Course Development - Quality Matters

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## General Standard I: Course Introduction and Outline

The overall design of the course is made clear to the student at the beginning of the course. The course overview and introduction set the tone for the course, let students know what to expect, and provide guidance to ensure they get off to a good start.

## 6th Grade Blended English Language Arts Honors

## 6th Grade Blended Math Honors



# QM General Standard I Blended 6th Grade Math Honors

1.1

Instructions make clear to students how to get started and where to find various course components (3)

Course Landing Page and Getting Started Folder

The screenshot displays a course landing page for 'MS Math I S1 Advanced v14 (Blended)'. The page is titled 'Acknowledgement' and features a navigation section with three numbered instructions:

1. Click to expand the folders on the left.
2. Click on the folder items in order.
3. View all pages in the items.

The left sidebar shows a list of course components, each with a yellow folder icon: Welcome, Getting Started, In Class Projects, Number Talks (marked with a green check), Module 01: Decimals and Fractions, Module 02: Ratios and Rate Reasoning, Module 03: Rational Numbers, and Module 04: The Coordinate Plane. A preview window on the right shows a smaller version of the course landing page, highlighting the 'Getting Started' folder. At the bottom of the page, there is a navigation bar with '1 of 6' and 'HOME' buttons.

# QM General Standard I Blended 6th Grade Math Honors

1.2

Learners are introduced to the purpose and structure of the course (3)

Getting Started Folder: Navigation and Course Specifics

The screenshot displays a course management interface for 'MS Math I S1 Advanced v14...'. The left sidebar contains navigation options: Home, To-do (56), MS Math I S1 Advanced v14 (Blended), Welcome, Getting Started (selected), and a list of course topics: 00.01 Things to Know, 00.02 Navigation, 00.03 Lessons & Assessments, 00.04 Course Specifics, 00.05 Online Learning 101, and 00.06 Pace. The main content area shows the 'Getting Started' folder with a yellow folder icon and the title 'Getting Started'. Below this, the 'Folder Contents' section lists seven items, each with a yellow folder icon: 00.01 Things to Know, 00.02 Navigation, 00.03 Lessons & Assessments, 00.04 Course Specifics, 00.05 Online Learning 101, 00.06 Pace, and 00.07 Academic Integrity. The top right corner shows navigation icons and a user profile for 'Kenosha Guest Test'.



# QM General Standard I Blended 6th Grade Math Honors

1.3

Minimum technical skills expected of the student are stated clearly.(2)

Welcome Folder: Course Information: System Requirements

The screenshot displays a web-based course management system interface. On the left is a dark sidebar with navigation icons and a list of items: Announcements (0), To-do (58), MS Math I S1 Advanced v14 (Blended), Welcome, Course Information (highlighted), Lessons, Keekler Contact Information, Discussion Based Assessments, Math Expectations Letter.docx, Quarter 1 Pacing Guide, and Getting Started. The main content area is titled 'Course Information' and includes a navigation menu with 'MENU', 'NOTES', 'GLOSSARY', 'PRINT', and 'VIDEOS'. Below the menu, the page title is 'MIDDLE SCHOOL GRADE 6 MATHEMATICS : WELCOME : W.01 COURSE INFORMATION'. The main text reads: 'Course Information. The information provided here will help you become familiar with your online course and help you become a successful online learner. Review each link below and make sure you understand the information before moving on to the next item. Please contact your instructor if you have any questions or concerns.' A list of links is provided: 

- [Getting Started](#)
- [Course Syllabus](#)
- [Materials](#)
- [Pace Charts](#)
- Standards: [State](#) | [National](#)
- [Internet Explorer Setup](#)
- [Accessibility Statement](#)
- [Privacy Policy](#)
- [Communication](#)
- [Web 2.0 Tools](#)
- [Student Resources](#)
- [System Requirements](#)
- [Discussion Guidelines](#)
- [Academic Integrity](#)

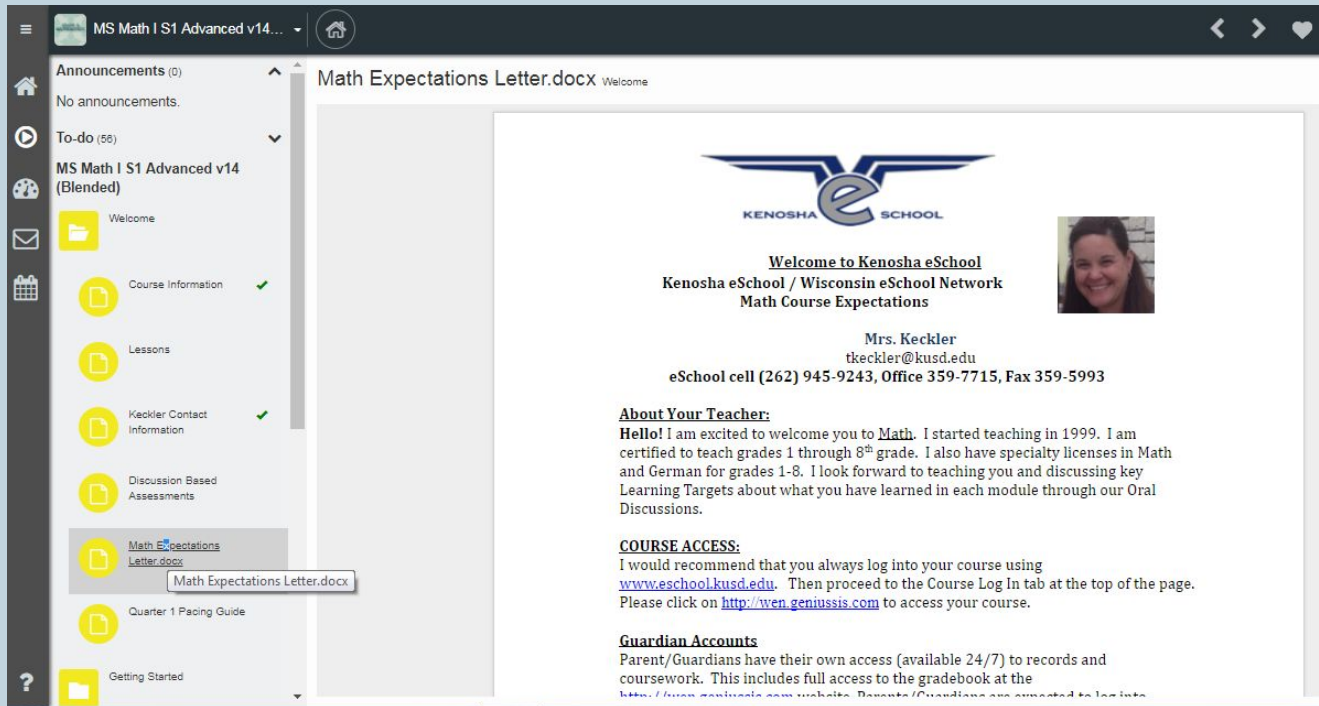
At the bottom of the page, there is a copyright notice: 'Unless Otherwise Noted All Content © 2018 Florida Virtual School' and the 'flvs' logo.

# QM General Standard I Blended 6th Grade Math Honors

1.6

The self-introduction by the instructor is appropriate and is clearly available in the course. (1)

Welcome Folder



The screenshot shows a course interface for "MS Math I S1 Advanced v14...". The left sidebar contains a navigation menu with items like "Announcements (0)", "To-do (58)", "MS Math I S1 Advanced v14 (Blended)", "Welcome", "Course Information", "Lessons", "Keckler Contact Information", "Discussion Based Assessments", "Math Expectations Letter.docx", "Quarter 1 Pacing Guide", and "Getting Started". The main content area displays the "Math Expectations Letter.docx" document, which includes the Kenosha eSchool logo, a welcome message from Mrs. Keckler, contact information, and sections for "About Your Teacher", "COURSE ACCESS", and "Guardian Accounts".

**Announcements (0)**  
No announcements.

**To-do (58)**

**MS Math I S1 Advanced v14 (Blended)**

- Welcome
- Course Information ✓
- Lessons
- Keckler Contact Information ✓
- Discussion Based Assessments
- Math Expectations Letter.docx**
- Quarter 1 Pacing Guide

**Math Expectations Letter.docx** Welcome

**KENOSHA eSCHOOL**

**Welcome to Kenosha eSchool**  
Kenosha eSchool / Wisconsin eSchool Network  
Math Course Expectations

Mrs. Keckler  
tkeckler@kUSD.edu  
eSchool cell (262) 945-9243, Office 359-7715, Fax 359-5993

**About Your Teacher:**  
Hello! I am excited to welcome you to **Math**. I started teaching in 1999. I am certified to teach grades 1 through 8<sup>th</sup> grade. I also have specialty licenses in Math and German for grades 1-8. I look forward to teaching you and discussing key Learning Targets about what you have learned in each module through our Oral Discussions.

**COURSE ACCESS:**  
I would recommend that you always log into your course using [www.eschool.kusd.edu](http://www.eschool.kusd.edu). Then proceed to the Course Log In tab at the top of the page. Please click on <http://wen.geniussis.com> to access your course.

**Guardian Accounts**  
Parent/Guardians have their own access (available 24/7) to records and coursework. This includes full access to the gradebook at the <http://www.geniussis.com> website. Parents/Guardians are expected to log into

# QM General Standard I Blended 6th Grade Math Honors

1.4

**Etiquette Expectations for online discussions, email and other forms of communication are clearly stated. (2)**

Welcome Folder: Course Information and Math Expectations

1.5

**Standards of academic integrity are clearly stated. (2)**

Welcome Folder: Course Information

1.7

**Prerequisite knowledge in the discipline and/or required competencies are clearly stated. (1)**

Welcome Folder: Course Information - Syllabus

# Student Survey Result Sample

## Blended Learning Enrichment Program Results for English and Math

Statements	English (Percent that strongly agree or agree)	Math (Percent that strongly agree or agree)
I feel that I am successful in my blended learning course.	91.6%	89.7%
The blended learning course fits my academic needs.	95.8%	96.5%
I enjoy the blended learning course.	86.9%	93.1%
The classroom lessons during my face-to-face sessions are motivating and engaging.	75%	93.1%

# Parent Survey Result Sample

Blended Learning Enrichment Program Results for English and Math		
Statements	English (Percent that strongly agree or agree)	Math (Percent that strongly agree or agree)
My child feels successful in his or her blended learning course.	85.7%	94.1%
Given my child's academic background, I feel that the blended learning course fits his or her needs.	85.7%	88.2%
My child enjoys the blended learning course.	78.6%	88.3%
The classroom lessons during my child's face-to-face sessions are motivating and engaging.	78.5%	70.6%

# Student Feedback

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# How will we evaluate our program?

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QM training

Systematic evaluation

Description of faculty evaluation of QM Standard I



# Questions

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