

# What's New in Ascend Math V 8.3 2025



This year, we are excited to release these important new updates thanks to the feedback from our school partners like you.

## *Student Experience*

**Study Guide Markup**

**Spanish read aloud available for all questions**

## *Support and Classroom Management*

**Schedule Quizzes by Date**

**Ascend Math Wiki**

**TidBit Tuesday**

## *Course Management*

**Option to require mastery in Assigned Objectives**

**Assign Objectives Available to Secondary Teachers**

**Objectives in study plan order on Create/Manage quiz page**

**Updates on Student Progress Monitoring**

**Just In Time Study Plans**

## *Content*

**Streamlined lesson viewing from View School Study Plan**

**More Button and Additional Resources**

# What's New in Ascend Math Students Experience

## Study Guide Markup

Ascend Math Introduces Virtual Study Guide Markup Feature

Study Guide Markup Press Release

The screenshot shows the 'Study Guide' interface. At the top, there are buttons for 'Save', 'Print', 'Text', 'Draw', 'Highlight', and 'Erase'. Below these is the 'Ascend Math' logo and a 'Name:' field with 'Rose Nyland' entered. The main title is 'Addition and Subtraction on a Horizontal Number Line Diagram'. Below this is a video player with a play button and the text 'Follow along with the video and take notes.' A text box below the video says 'Remember, subtraction is the same as addition'. There are two math problems:  $5 + (-5) = \underline{\quad}$  and  $185 + (-185) = \underline{\quad}$ . A calculator is overlaid on the right side of the screen. Below the problems is the instruction 'Show  $8 + 3$  on this number line.' and a horizontal number line from 0 to 13.

The screenshot shows the 'Study Guide' interface. At the top, there are buttons for 'Save', 'Print', 'Text', 'Draw', 'Highlight', and 'Erase'. Below these is the 'Ascend Math' logo and a 'Name:' field with 'Rose Nyland' entered. The main title is 'Addition and Subtraction on a Horizontal Number Line Diagram'. Below this is a list of five math problems: 1.  $5 + (-2) = \underline{\quad}$ , 2.  $8 + (-8) = \underline{\quad}$ , 3.  $7 + (-6) = \underline{\quad}$ , 4. 'What is another way to write  $9 - 4$ ?  $\underline{\quad}$ ', and 5. 'Represent the problem  $4 - 1$  on the number line below.' Below the problems is a horizontal number line from 0 to 13.

The screenshot shows the 'Study Guide' interface. At the top, there are buttons for 'Save', 'Print', 'Text', 'Draw', 'Highlight', and 'Erase'. Below these is the 'Ascend Math' logo and a 'Name:' field with 'Rose Nyland' entered. The main title is 'Addition and Subtraction on a Horizontal Number Line Diagram'. Below this is the instruction 'Show  $8 + 3$  on this number line.' and a horizontal number line from 0 to 13. A red dot is placed at 8, and three blue arcs are drawn from 8 to 9, 9 to 10, and 10 to 11, representing the addition of 3 to 8.

# What's New in Ascend Math Students Experience

## Spanish read aloud available for all questions

**All questions in Ascend Math now have audio available in Spanish!**

**Additionally, all the instructional content is captioned in both Spanish and English. Teachers have told us that their Spanish-speaking students like to put the English captions on to help them learn English while learning math. Then, they speak along with the video instructor, practicing their English while learning math.**



AMERICAN SCHOOL OF GUATEMALA  
GUATEMALA, C.A  
SUBMITTED BY CAROLINE ASHKAR



The American School of Guatemala adopted Ascend Math for a specific group of students that had a bad experience in high school, have low math skills, and are behind in curriculum. You will find their school on our leaderboard for total objectives, objectives per students, and level completion!

*“Many of our students have improved their basic math skills using Ascend personalized plans. They have been using the platform for approximately five hours every two weeks. Our ESL students have been practicing their English as well, since they receive math in Spanish. This is an awesome preparation for SAT.”*

# What's New in Ascend Math Course Management

## Option to require mastery in Assigned Objectives

**Mastery can now be required on Assigned Objectives for the entire school or individual classes.**

**You may choose to require students to show mastery in the Post Assessment for Assigned Objectives. To select “Assign Objective Mastery Required,” follow the steps below:**

- **Login as the school administrator**
- **Click the Administration tab.**
- **Select Settings**
- **Select Admin Settings.**
- **Click the box next to Assign Objective Mastery Required**
- **Click Save**

**The Manage Students feature allows administrators and teachers to easily view and alter the actual grade, class, and level of individual or multiple students, all on one page. This feature also displays the results and test date of the Level Recommendation.**

- **Select Manage Students under the Students tab.**
- **Within the Class menu, select the students you would like to view by choosing a specific class**
- **Click Retrieve Students.**
- **Locate the student's name.**
- **Alter the grade, class, etc.**



# What's New in Ascend Math Course Management

## Assign Objectives Available to Secondary Teachers

**Your students can be assigned to more than one class in Ascend Math, their regular math class and any additional classes. For example, if students have after school classes, their account can be seen by multiple teachers.**

### **How to Add Students to a Secondary Class:**

- 1. Login to your administrator account**
- 2. If the class already exists, skip to number 6**
- 3. To create a new class, select the Classes tab -> Create/Manage Class**
- 4. Enter a Class Name**
- 5. Assign a teacher from the drop-down menu next to Assign Teacher and select Save.**
- 6. Go to the Administration tab -> Users -> Create/Manage Users**
- 7. Select Student as the Role**
- 8. Select a student from the drop-down and click Get Details**
- 9. Assign the Secondary Class**
- 10. Select Save.**

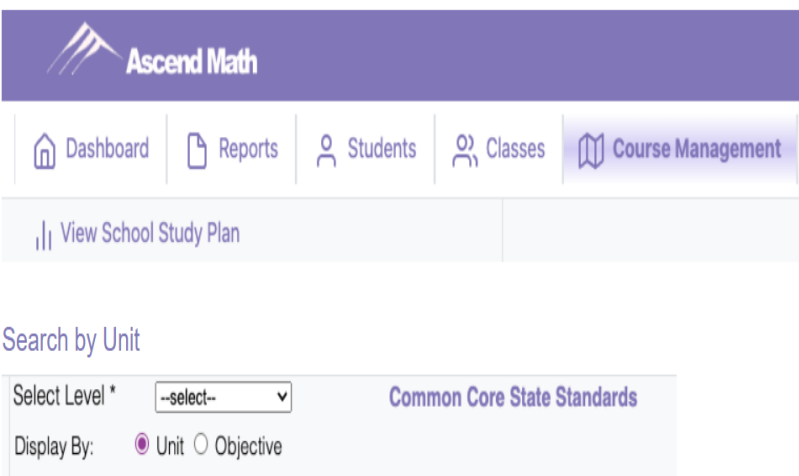


# What's New in Ascend Math Course Management

## Objectives are now in Study Plan Order on the Create/Manage Quiz page

Teachers may assign a unit to a student when they determine the student is struggling with on-grade-level material. The Ascend Math architecture will determine which standards the student knows and remove those from the student's prescriptive plan. Students are then automatically directed to the supporting standards that support the in-class material. To view a sample student lesson for an objective:

- Login as a Teacher or Administrator.
- Open the Course Management menu.
- Select View School Study Plan.
- Select Level from the dropdown.
- Select Display By: Unit or Objective
- Use Search or filter by column option to locate the objective
- Select the Objective Title to view
- Click BACK to return to View School Study Plan



Ascend Math

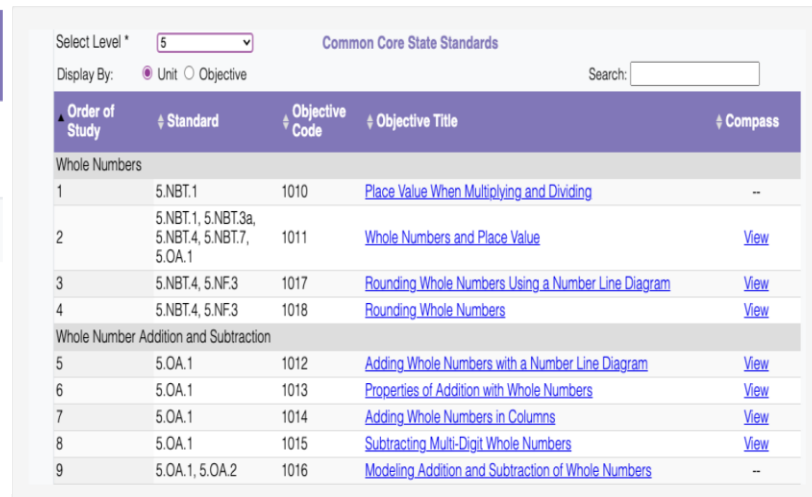
Dashboard Reports Students Classes Course Management

View School Study Plan

Search by Unit

Select Level \* 5 Common Core State Standards

Display By: ☒ Unit ☐ Objective



Order of Study	Standard	Objective Code	Objective Title	Compass
Whole Numbers				
1	5.NBT.1	1010	<a href="#">Place Value When Multiplying and Dividing</a>	--
2	5.NBT.1, 5.NBT.3a, 5.NBT.4, 5.NBT.7, 5.OA.1	1011	<a href="#">Whole Numbers and Place Value</a>	<a href="#">View</a>
3	5.NBT.4, 5.NF.3	1017	<a href="#">Rounding Whole Numbers Using a Number Line Diagram</a>	<a href="#">View</a>
4	5.NBT.4, 5.NF.3	1018	<a href="#">Rounding Whole Numbers</a>	<a href="#">View</a>
Whole Number Addition and Subtraction				
5	5.OA.1	1012	<a href="#">Adding Whole Numbers with a Number Line Diagram</a>	<a href="#">View</a>
6	5.OA.1	1013	<a href="#">Properties of Addition with Whole Numbers</a>	<a href="#">View</a>
7	5.OA.1	1014	<a href="#">Adding Whole Numbers in Columns</a>	<a href="#">View</a>
8	5.OA.1	1015	<a href="#">Subtracting Multi-Digit Whole Numbers</a>	<a href="#">View</a>
9	5.OA.1, 5.OA.2	1016	<a href="#">Modeling Addition and Subtraction of Whole Numbers</a>	--



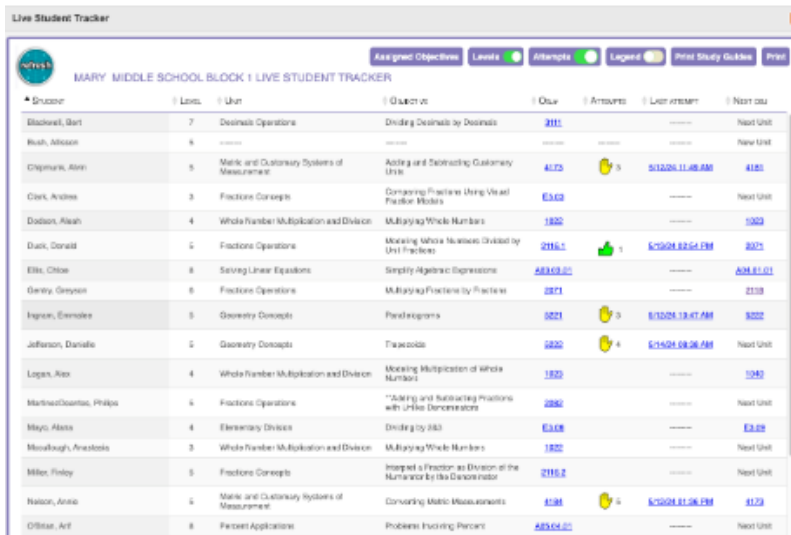
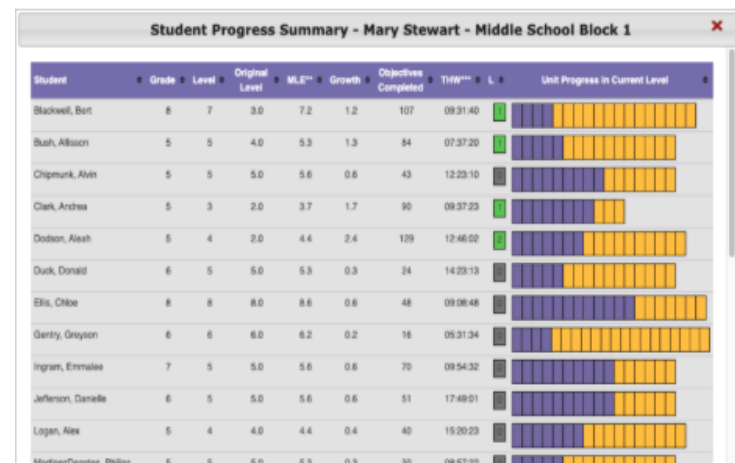
# What's New in Ascend Math Course Management

## Update on Student Progress Monitoring

Ascend Math provides multiple ways to track your students' progress with real-time data. Visit our [progress monitoring](#) page or the [Individual Student Reports Wiki page](#) for more information.

Ascend Math provides easy-to-read progress monitoring reports and real-time data; thus the student's progression of achievement is monitored, and instructional paths are adjusted to meet the individual student's learning needs.

1. Live Student Tracker
2. Student Progress Summary
3. Class Dashboard
4. Teacher Dashboard
5. Student Climber
6. Student Progress Page



# What's New in Ascend Math Course Management

## Just In Time Study Plans

**Ascend Math's Just in Time alignments allow students to move adaptively through any unfinished learning related to topics taught during whole class instruction.**

**In the Just in Time study plans, the scope and sequence follows below grade level learning progressions with foundational skills that support the current grade level topic taught in class.**

**Utilizing this approach, teachers may assign a unit to a student when they determine a student is struggling with on grade level material. The Ascend Math architecture will determine which standards the students know and remove those from the student's prescriptive plan. Students are then automatically directed to the supporting standards that support the in-class material.**

### 5IM3-Multiplying and Dividing Fractions - (Ascend Default Unit)

1	E5.06	2.G.1, 2.G.2, 2.G.3	Identifying shapes and their attributes
2	E3.05	3.OA.7	Multiplication Review
3	1023	4.MD.2, 4.MD.3	Modeling Multiplication of Whole Numbers
4	2221	4.NF.4	Multiplying a Fraction by a Whole Number Using Area Models
5	2116.1	5.NF.7	Modeling Whole Numbers Divided by Unit Fractions
6	2071	5.NF.7	Multiplying Fractions by Fractions
7	2072	5.NF.7	Dividing Fractions by Fractions

### 5IM4-Wrapping Up Multiplication and Division with Multi-Digit Numbers - (Ascend Default Unit)

1	E4.01	3.NBT.3, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6, 3.OA.7, 3.OA.8	Multiplying with 2 Digit Factors
2	E4.02	3.OA.8	Finding 2 Digit Quotients
3	1021	3.OA.9	Properties of Multiplication with Whole Numbers
4	1022	3.MD.7	Multiplying Whole Numbers
5	1031	3.OA.7	Properties of Division
6	1033	5.NBT.6, 5.NF.5, 5.NF.7, 5.OA.1	Modeling Division of Whole Numbers




# What's New in Ascend Math Support and Classroom Management

## Schedule Quizzes

**Some schools may want to assign quizzes at the beginning, middle, and end of the school year. Assign at Student Progress Intervals, some schools may choose to assign a quiz at a ½ year growth and upon completing a level, as reflected in the Student Progress Summary. These quizzes may now be scheduled. Here are the steps:**

- **Log in as a Teacher. Go to**
- **Course Management > Quizzes > Assign Quizzes.**
- **Select the class and level.**
- **Choose the quiz.**
- **Click the Schedule Date field next to the student**
- **Pick the quiz date, check Assign Test, and click Save.**
- **Repeat or click Check All to assign to the full class.**
- **Click Save again.**



 Ascend Math

Assign Quizzes

Download Help

Dashboard

Reports

Students

Classes

Course Management

Administration

view test bank

Questions

Practice Problems

Quizzes

Create/Manage Quiz

Manage Quiz

Objectives

Assign Quizzes

Select Class\* ALL

Select Level\* ALL

Select Quiz\* Expressions and Equations Quiz for Level 7

View Created Tests Report

View Test Details

Retrieve Students

Student Name	Class	Actual Grade	Level	Assign Test Check all
Boop, Betty	9B Simpson	10	3	<input checked="" type="checkbox"/>
Logan, Alex	6 Johnson	6	4	<input checked="" type="checkbox"/>
Weeks, Aliyah	6 Johnson	6	4	<input checked="" type="checkbox"/>

# What's New in Ascend Math Support and Classroom Management

## Ascend Math Wiki

**The Ascend Math Wiki is a centralized online resource designed to support educators using Ascend Math 24/7. It provides how-to guides, step-by-step instructions, training materials, and best practices for managing student progress, assigning work, and navigating key features like assessments and reports. Whether you're a new teacher or returning with years of experience, the Ascend Math Wiki serves as a quick reference to help you make the most of the program.**

**We have hundreds of articles for answers and support.**

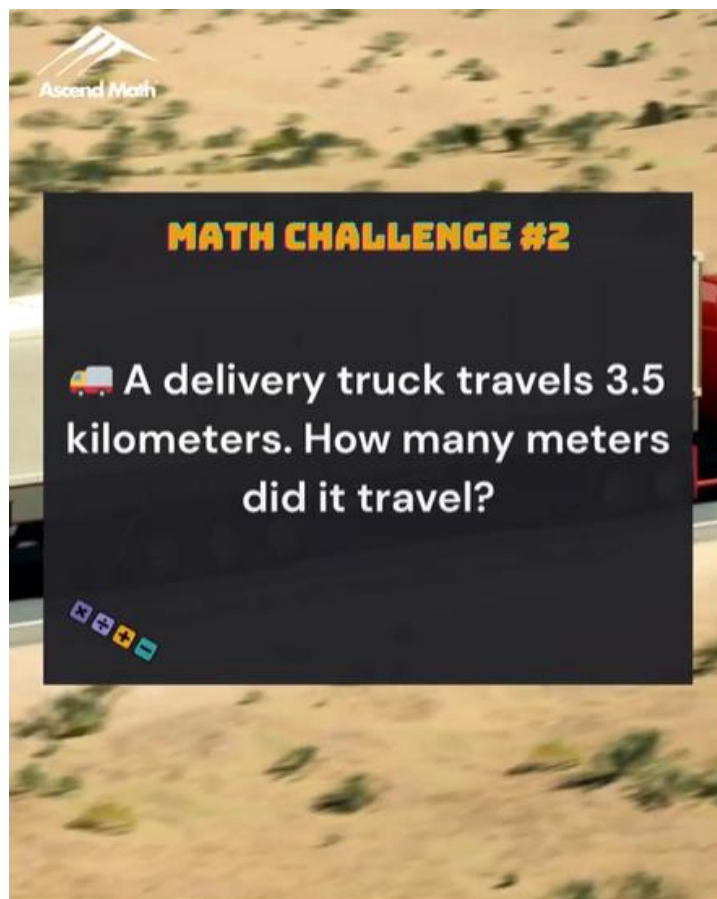
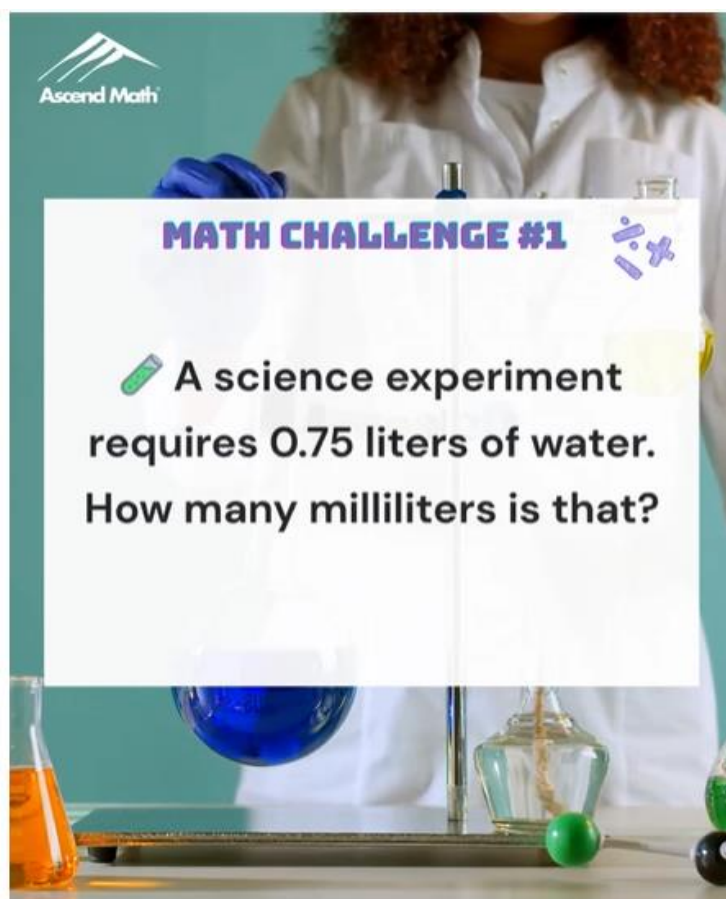
**[Visit the Wiki page](#) for answers 24/7.**



# What's New in Ascend Math Support and Classroom Management

## TidBit Tuesday

**Ascend Math offers a weekly series of fun, math-related activities related to current events. These activities offer ideas for project-based learning to promote student conceptual understanding and engagement. Use these activities for entry tickets, exit tickets, extension activities and more! The posts are also all available on our website. Follow us on [Facebook](#) or [Instagram](#) to see the weekly posts!**



**Follow Us!**



# What's New in Ascend Math Content

## Streamlined lesson viewing from View School Study Plan

**A new browser tag is now opened when you view a lesson from View School Study Plan. To view a sample student lesson for an objective:**

- **Login as a Teacher or Administrator.**
- **Open the Course Management menu.**
- **Select View School Study Plan.**
- **Select Level from the dropdown.**
- **Select Display By : Unit or Objective**
- **Use the Search or the filter by column option to locate the objective**
- **Select the Objective Title to view**
- **Click BACK to return to View School Study Plan.**



Select Level *	<input type="text" value="5"/>	Common Core State Standards		
Display By:	<input checked="" type="radio"/> Unit <input type="radio"/> Objective	Search: <input type="text"/>		
▲ Order of Study	↕ Standard	↕ Objective Code	↕ Objective Title	↕ Compass
Whole Numbers				
1	5.NBT.1	1010	<a href="#">Place Value When Multiplying and Dividing</a>	--
2	5.NBT.1, 5.NBT.3a, 5.NBT.4, 5.NBT.7, 5.OA.1	1011	<a href="#">Whole Numbers and Place Value</a>	<a href="#">View</a>
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9	5.OA.1, 5.OA.2	1016	<a href="#">Modeling Addition and Subtraction of Whole Numbers</a>	--



# What's New in Ascend Math Content

## More Button and Additional Resources

**In Ascend Math, the “More” button will now appear on both the Automated Study Plan (ASP) and Assigned Objectives (AO) lesson pages when additional instructional resources are available for a given objective. This enhancement helps teachers and students easily access supplemental content like videos, practice problems, or teaching tips tied to the objective.**

**School administrators can choose to enable or disable this feature for each school, allowing customization based on classroom preferences and instructional goals. These additional resources can be previewed on the View School Study Plan page.**

**This update supports Ascend Math’s mission to provide targeted, adaptive learning paths while giving educators more control over the learning experience.**





# What's New in Ascend Math

☀️ **Need Help? Contact Our Customer Experience Team!**

✉️ **Email: [success@ascendmath.com](mailto:success@ascendmath.com)**

☎️ **Call: 318-865-8232**

**We're here to support you with anything you need —  
don't hesitate to reach out!**

