

## My Open Math (MOM)- Overview

Myopenmath.com

My Open Math is a learning management system. My Open Math is a nonprofit organization that is maintained by volunteers.

You can build your own class use one of the templates or modify one of the course templates to suit your needs.

- You can share courses with other teachers! Multiple teachers can have access to the same course.
- You can make class sections in a course if you have different classes taking the same course.

### CREATE A TEACHER ACCOUNT.

- Navigate to myopenmath.com
- Click on “request an instructor account”
- Complete the 3-step process to make your request.
  - 1) Select your School affiliation
  - 2) Provide verification of instructor status
    - Upload image of Teacher ID
  - 3) Create your Username and Password
- Watch your email for approval.
- It may take 1 – 2 days for approval because the site is maintained by volunteers.

The screenshot shows the My Open Math homepage. On the left, under the heading 'Free and Open', there are sections for 'Students' and 'Instructors'. The 'Students' section has a link 'Getting Started' which is circled in red. To the right is a 'Login' box with fields for 'Username' (containing 'Cindy\_Secord') and 'Password', and a 'Login' button. Below the login box are links for 'Register as a new student', 'Forgot Password', and 'Forgot Username'. At the bottom right, there is a small footer with text: 'MyOpenMath is powered by K12MATHS © 2006-2020 David Upman with financial support from K12 Education and Lumen Learning. Privacy Policy | Accessibility'.

#### STEP 1

This is the first step of the 'New Instructor Account Request' form. It is titled 'School Affiliation'. It asks 'What kind of institution do you work for?' with a dropdown menu showing 'A Public K-12 School'. It also asks 'Where is it located?' with a dropdown menu showing 'United States or U.S. Territories'. There is a section for 'Select your state' with a dropdown menu showing 'Minnesota'. Below this, there is a text input field for the school name and a 'Search' button. At the bottom, there is a 'Continue' button.

#### STEP 2

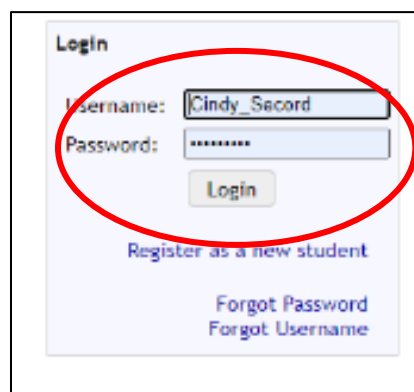
This is the second step of the 'New Instructor Account Request' form. It is titled 'Verification'. It asks 'To verify you are an instructor, you will need to provide one of the following:'. There are three numbered options: 1. A school website that lists you as a teacher. 2. An email from a supervisor, colleague, or school HR verifying you are a teacher. 3. Upload a picture of a school ID indicating you are a teacher. Below these options, there is a section 'What method would you like to use?' with a dropdown menu showing 'Upload a school ID'. There is also a 'Picture of school ID' section with a 'Choose File' button and a 'No file chosen' message.

#### STEP 3

This is the third step of the 'New Instructor Account Request' form. It is titled 'Account Details'. It asks for 'Given Name', 'Family Name', 'Email', 'Username', 'Password', and 'Reenter Password'. There is a checkbox for 'I have read and agree to the Terms of Use'. At the bottom, there is a 'Request Account' button.

## LOG-IN

Use your username and password to login at myopenmath.com



Login

Username:

Password:

Login

[Register as a new student](#)

[Forgot Password](#)

[Forgot Username](#)

## HOME

### Courses you're teaching

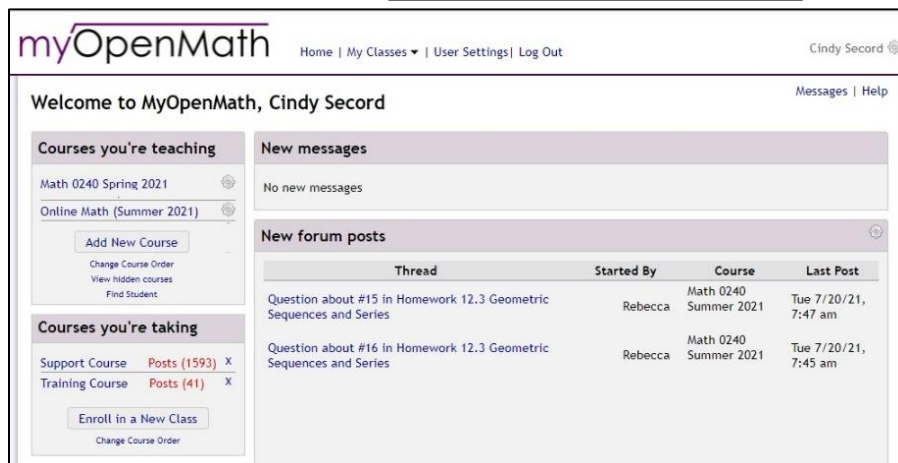
Lists all the active courses that you are teaching (those you created and those you are sharing with another instructor.)

### Courses you're taking

If you are enrolled as a student in any courses, you will see them here.

**Support Course** – get help with all MOM activities/issues.

**Training Course** – learn how to use MOM



myOpenMath Home | My Classes | User Settings | Log Out Cindy Secord

Welcome to MyOpenMath, Cindy Secord Messages | Help

**Courses you're teaching**

- Math 0240 Spring 2021
- Online Math (Summer 2021)

[Add New Course](#)

[Change Course Order](#)

[View hidden courses](#)

[Find Student](#)

**Courses you're taking**

- Support Course Posts (1593) X
- Training Course Posts (41) X

[Enroll in a New Class](#)

[Change Course Order](#)

**New messages**

No new messages

**New forum posts**

Thread	Started By	Course	Last Post
Question about #15 in Homework 12.3 Geometric Sequences and Series	Rebecca	Math 0240 Summer 2021	Tue 7/20/21, 7:47 am
Question about #16 in Homework 12.3 Geometric Sequences and Series	Rebecca	Math 0240 Summer 2021	Tue 7/20/21, 7:45 am

## New Messages

You will see a listing of messages from inside MOM that you have not viewed yet. These can be from students or other instructors.

## New Forum Posts

You will see alerts to new posts on the forums (Discussion Boards) you've created in your class.



myOpenMath Home | My Classes | User Settings | Log Out Cindy Secord

Welcome to MyOpenMath, Cindy Secord Messages | Help

Use the upper navigation links when you are inside your courses to return to the home page, switch to a different class you are teaching or taking, access your settings, or log out.

## CREATE A COURSE

- Click on the “Add New Course” button in the left Course’s you’re teaching block.



- Choose whether you want to:
- Start with a blank course -create your own from scratch.
- Copy a template or promoted course –(recommended) copy one of the MOM premade classes base on one of the free textbooks.
- Copy from my or a colleague’s course – find courses that have been shared by other teachers or ask for permission to copy a course.

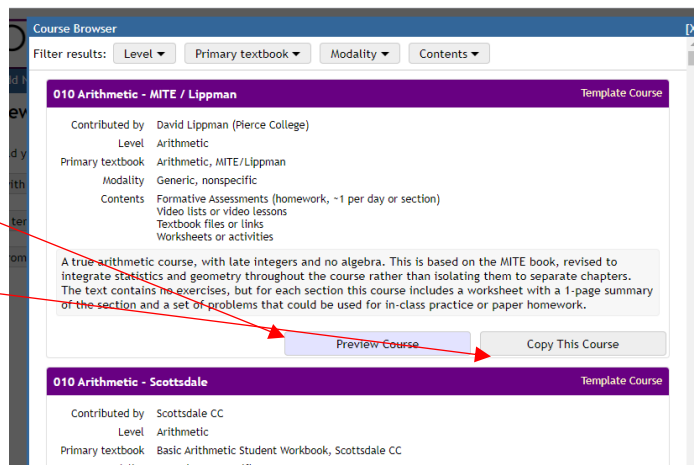


## Promoted Courses

- Preview Course – Course will open in another window so you can see how it’s laid out and what is included.

- Copy This Course – Create your course using this template. You will be asked to Name your course and add settings (dates...)

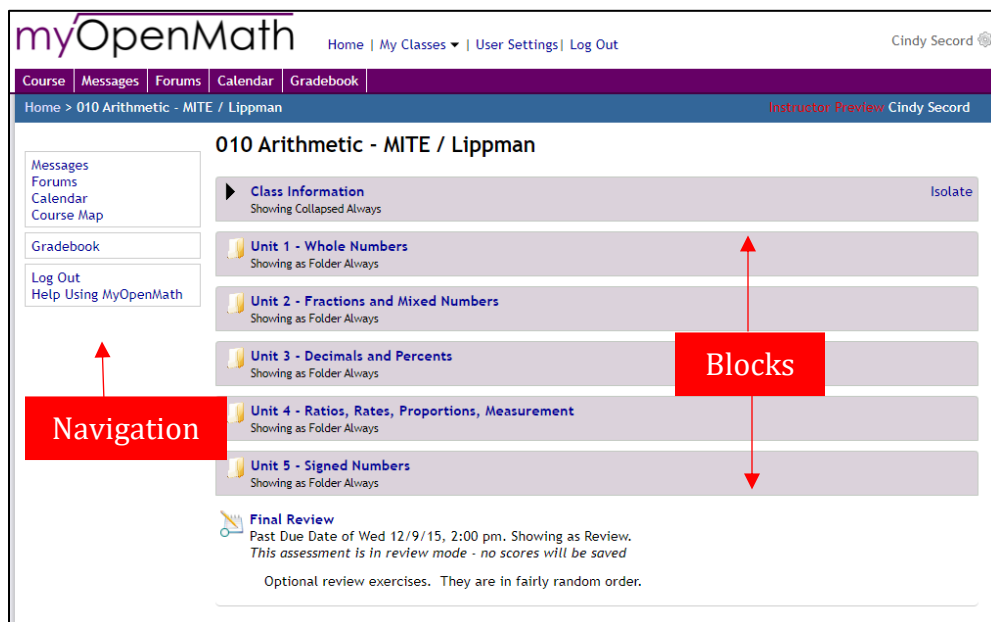
- (Suggested Starting Class) – 010 Arithmetic – MTE/Lippman
- You can preview as many courses as you want.
- You can copy multiple courses into your course and use selected parts from each of them.
- START by copying one course then add others from inside your new course.



## YOUR COURSE HOME PAGE

### Navigation:

- Messages: view messages from other instructors or students who are taking this course.
- Forums: view or create discussion forums
- Calendar: manage calendar settings – you can set the calendar to appear on the course home page.
- Course Map
- Gradebook: View assignments and student grades/progress



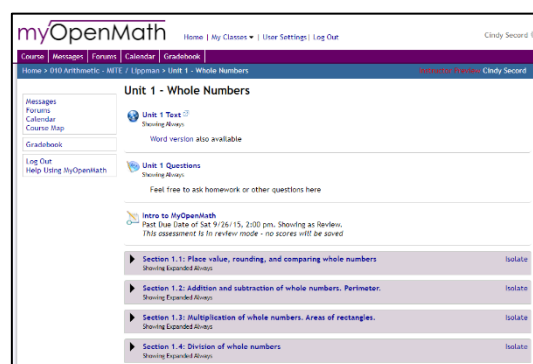
### Blocks

This is where the course content is located.

You can set up your blocks to be folders or as section links.

You can nest folders or section blocks inside the blocks.

- Set dates when block will be visible to students
- Hide the block so it is never visible to students.
- Change the color theme of the block
- Show block expanded (all content inside is visible) or collapsed (the above blocks are collapsed)
- Show a link to the block in the left navigation pane



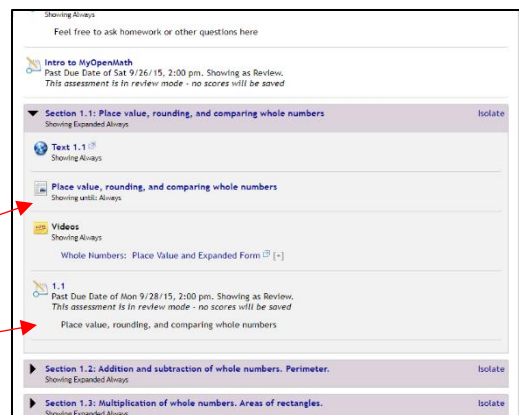
### Inside the block:

On this premade course you will find content divided into sections.

You can remove, rename, modify, or add to the content in the section block.

Inside each section folder there are:

- links to the corresponding section of the textbook.
- Link to download the textbook
- Links to videos
- Link to interactive lesson



## MODIFY A BLOCK

To modify the settings of a block, click on the cog wheel at the right.

**ISOLATE:** view the block in isolation. (I haven't figured out how to "undo" this.)

### MODIFY:

**Title:** Change the title of the block.

**Show:** Set the dates when the block is visible.

### When Available:

- Show expanded: contents of block are always visible. Surrounding blocks are also visible.
- Show collapsed: contents of blocks are visible when clicked on.
- Show in folder: view contents of block. Other blocks are not visible.
- Show as a tree reader

### When Not Available:

Assignments in this block when not available:

Use the dropdown box to select Hide or variations with greyed out views.

### Restrict access to students in this section:

No options available in the dropdown box.

**Quick Links:** List blocks in left navigation pane of course page.

**Public:** Items can be viewed without logging in; assessments are never publicly accessible.

### Block Colors:

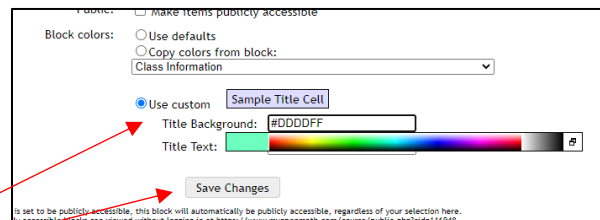
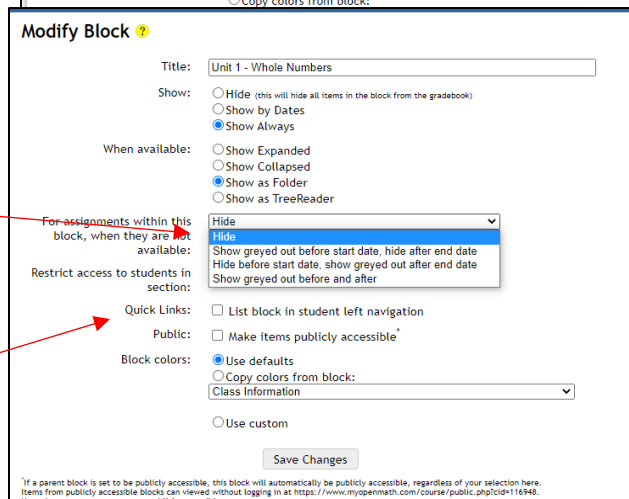
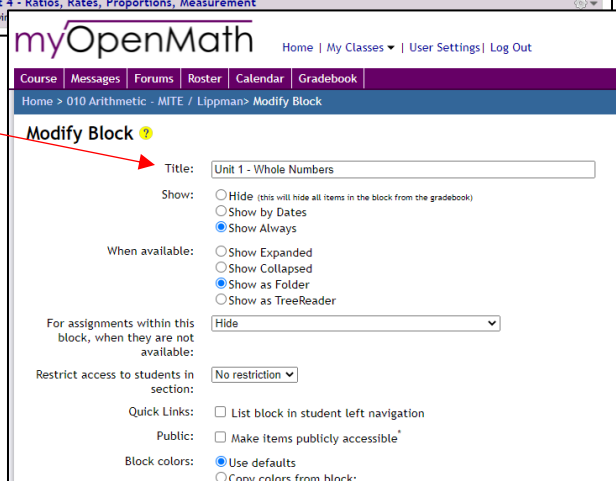
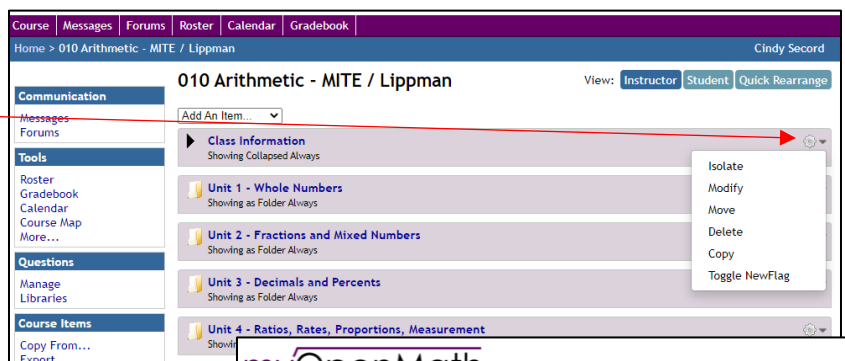
Use defaults: the purple you see above.

Copy colors from block:

If you've created a color theme, you can copy it to other blocks.

Use custom: Choose your own color theme

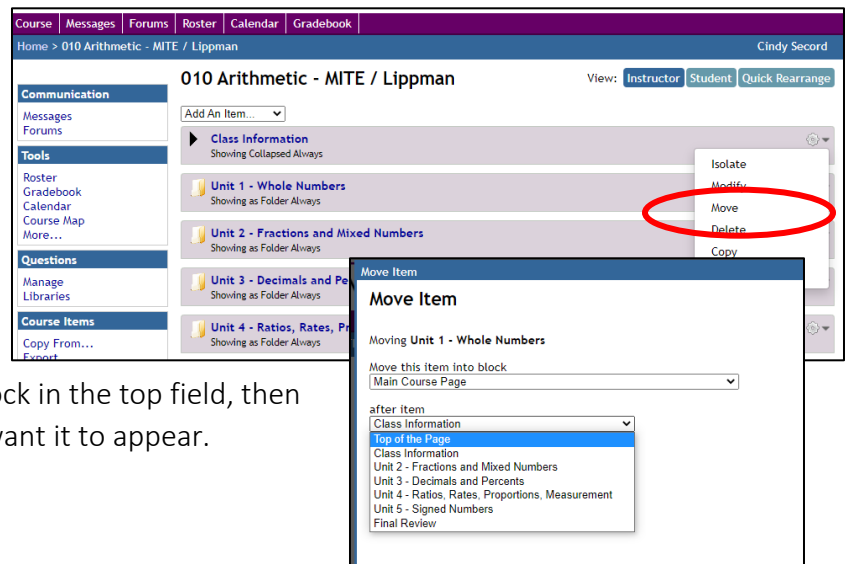
BE SURE TO SAVE YOUR CHANGES!



## MODIFY A BLOCK (Cont.)

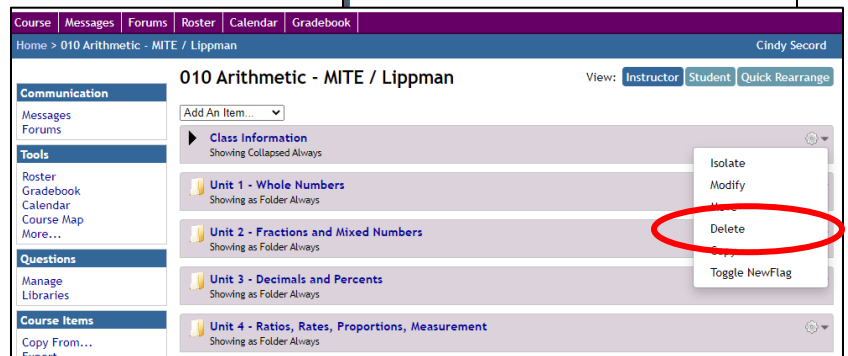
### MOVE:

- Move a block up or down within the folder by choosing which block it should come after.
- Move a block to a different block by choosing the other block in the top field, then select where in the block you want it to appear.



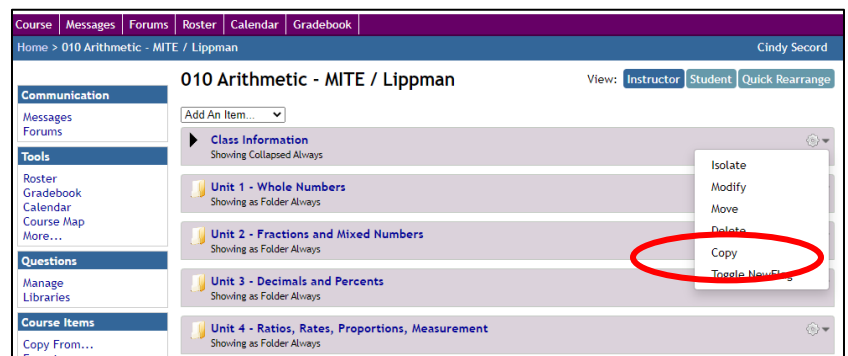
### DELETE:

- Delete the block and all its contents. (This is permanent; you cannot recover a deleted block or its contents.)



### COPY:

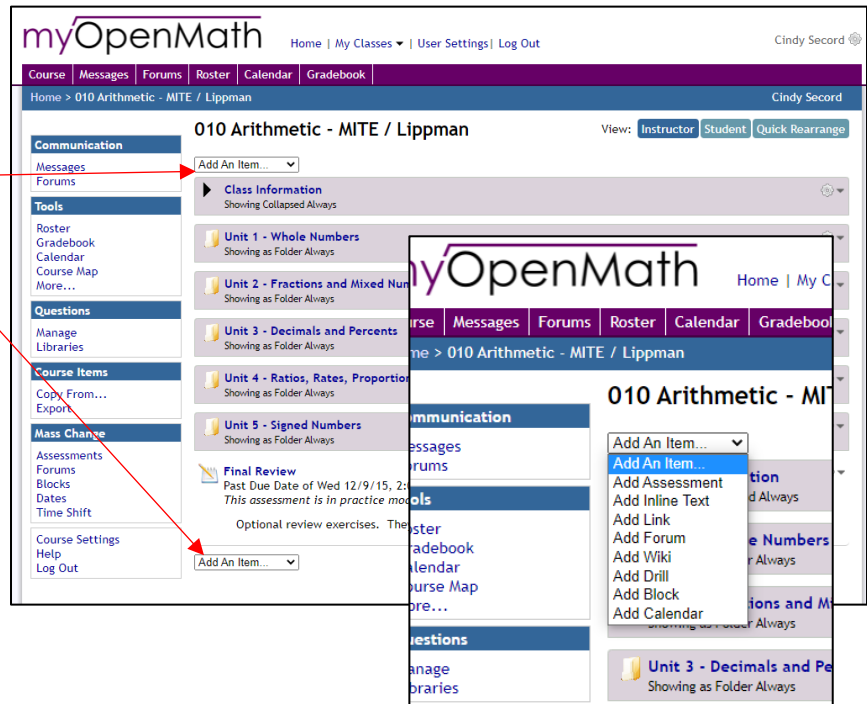
- Copy the entire block and its contents.
- This is a useful formatting tool, to help you keep your blocks uniform – with the same color theme and layout inside each block.
- Copy the block, then move it and rename it using the Modify command.



## ADDING CONTENT

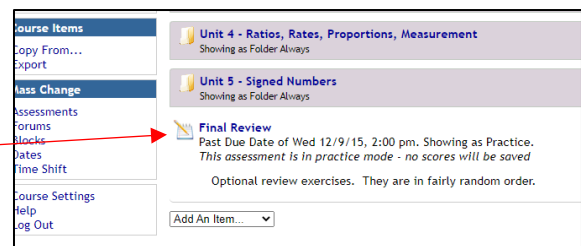
### ADD AN ITEM:

- At the top and bottom of each block is an “add an item” dropdown menu.
- Items will be added to the top or bottom depending on which location you choose.
- Use the “move” command to modify the blocks position to a location other than the top or bottom.



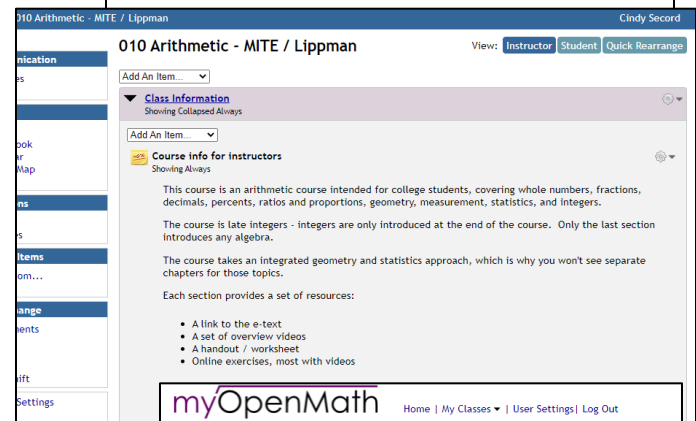
### Assessments

- These are the interactive activities. You can label them any way you want, as a test, quiz, homework, or a lesson.
- Assessments appear as links.



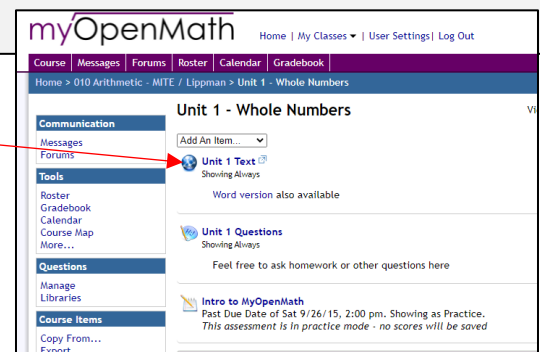
### Inline Text

- This appears as a block of text.
- Write descriptions, directions, and other information using inline text.
- Add images, pdf or other files, and links to websites here.



### Link

- Links will appear with a minimum of text.
- Control visibility to students by setting dates/times
- Link to files, videos, online textbooks, Jamboards, Desmos....

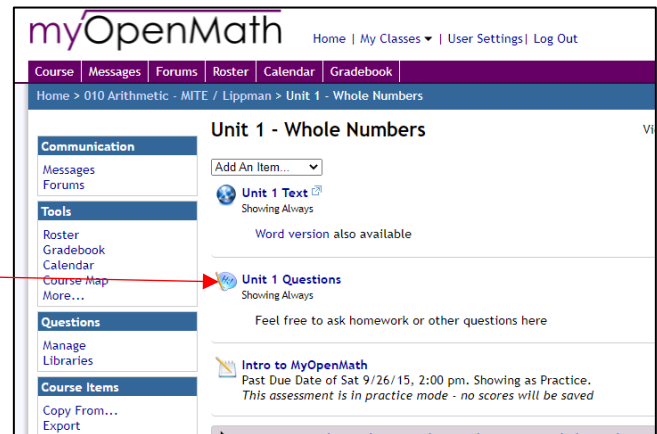




## ADDING CONTENT (Cont.)

### Forum

- Forums are discussion boards.
- Create the forum, name it, add instructions and decide whether posts will be graded.
- A forum will appear as a link in the block or on the main course page.

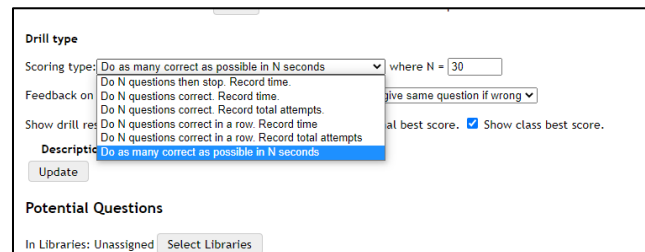


### Wiki

- Collaborative text editing

### Drill

- Drills can provide students with repeated practice on a particular skill.
- This is an interactive activity (an assessment), but the settings are a little different.
- Drills can be timed
- Students can be allowed to see their results compared to class results.

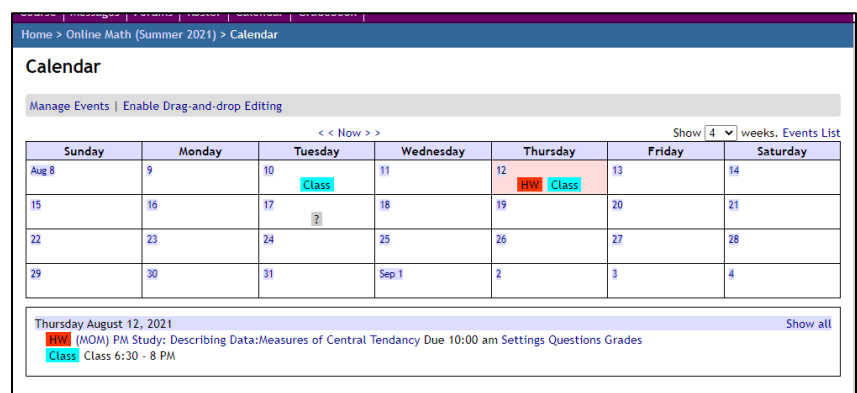


### Blocks

- See above

### Calendar

- Display a calendar showing upcoming due dates and other events.
- Click on a day in the calendar to view a detailed list of events.
- Use the list to access assignments and other events.
- Events on calendar are color coded: green – farther away, yellow are closer, red are imminent.
- Note: not everything will display in the calendar. Students/teachers should not rely on calendar alone.





## INTERACTIVE ACTIVITIES

- You can use the interactive activities as lessons or quizzes.
- Interactive activities are automatically scored, and the grades are added to the gradebook. You control whether the student sees the score and when.
- Interactive activities are, in general, dynamic; meaning the student can get a similar question with different numbers and attempt to answer the question again (and again, and again...)
- Many of the questions have links to instructional videos, worked problems, and help entering answers into the system.
- You can add videos or other materials to existing questions to suit your needs.
- You can add questions/activities to the premade lesson activities.
- You can change the activity settings:
- Set point values
- Show/hide question help (videos, documents, links to forums, message the instructor)
- Set the number of times they can retry the same question
- Similar question settings – set the number of times a similar question can be attempted.
- Penalties – set the point value for each attempt at a question.

There are tons of premade lessons, activities/questions in the database. Including

- Number line activities
- Graphing activities
- Visual literacy
- Basic math + (fractions, decimals, expressions, equations....)
- And more

**Question 37** 0/1 pt

Solve:  $z - 7 = 7$

$z =$

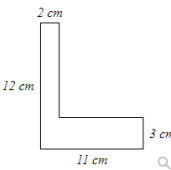
Question Help: [Message instructor](#)

[Submit Question](#)

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**Question 38** 0/1 pt

Find the area of the figure pictured below.



Area =   $\text{cm}^2$

Question Help: [Worked Example 1](#) [Message instructor](#)

[Submit Question](#)

**Question 43**

Find the square root:  $\sqrt{49}$


Question Help: [Message instructor](#)

[Submit Question](#)

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**Question 44** 0/1 pt 2 99 Details

Our company's new widget has been growing in sales. The histogram below shows sales in millions for the years shown.



In which year did sales first exceed 18 million widgets?

Question Help: [Message instructor](#)

[Submit Question](#)

Write this number using digits:  
nine hundred five thousand, twenty-nine

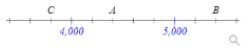
Question Help: [Video](#) [Message instructor](#)

[Submit Question](#)

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**Question 6** 0/1 pt 2 99 Details

Identify the numbers labeled with the letters A, B, and C on the scale below.



Letter A represents the number

Letter B represents the number

Letter C represents the number

Question Help: [Worked Example 1](#) [Message instructor](#)

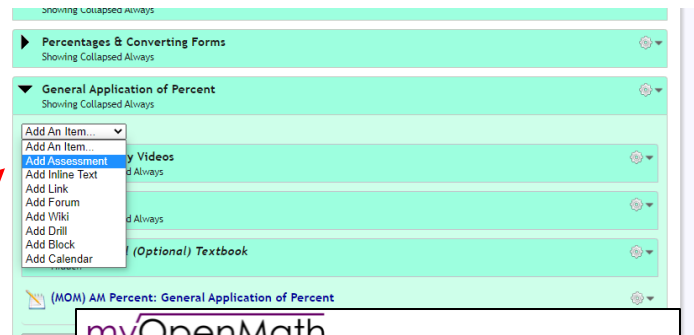
[Submit Question](#)

**(Proxy-hour tracking)** – Time on task includes time student spends in interactive activities only, it does not include time they spend looking at other content, writing messages, posting or viewing forum content.

## ADD/CREATE AN INTERACTIVE ACTIVITY

### To add an interactive activity (an assessment)

- Use the “Add an Item” dropdown menu in the location you want the activity to appear.
- Select “Add assessment”
- Give the activity a **title**.
- **Summary:** this description will appear on the course page with the link to the activity.
- Add **instructions** for the students. This information will appear when the activity is opened.
- Set the **availability** dates/times/conditions.
- Set the **Help and Hints** availability
- Allow links to videos, worked examples, forums, and messaging the instructor.
- Click the “Create Assessment” button



## ADD/CREATE AN INTERACTIVE ACTIVITY (cont.)

To search for question to use on your lesson/quiz/homework:

1. Put a simple description in the search box  
ii. Example: add fractions
2. Check the box for "Search all libs"
3. Click the "Search" button.

myOpenMath Home | My Classes | User Settings | Log Out

Course Messages Forums Roster Calendar Gradebook

Home > Online Math (Summer 2021) > Add/Remove Questions

**Add/Remove Questions**

Assessment Settings Define End Messages  
Categorize Questions Find Question in Course  
Create Print Version Try New Add/Remove (Beta)

**Questions in Assessment - Sample Assessment**

No Questions currently in assessment  
How do I find questions to add?  
Done Preview

**Potential Questions**

In Libraries: Unassigned Select Libraries or Select From Assessments

Search: add fractions ☒ Search all libs ☐ Mine only ☐ Exclude added Search Add New Question

Check: All None Add Add (using defaults) Preview Selected

4. **Preview** the question in a pop-up window.
5. **Mark** the questions you want to use. (Be sure to preview them first!)
6. Select "Add"

Categorize Questions Find Question in Course  
Create Print Version Try New Add/Remove (Beta)

**Questions in Assessment - Sample Assessment**

No Questions currently in assessment  
How do I find questions to add?  
Done Preview

**Potential Questions**

In Libraries: Unassigned Select Libraries or Select From Assessments

Search: add fractions ☒ Search all libs ☐ Mine only ☐ Exclude added Search Add New Question

Check: All None Add Add (using defaults) Preview Selected

Description	ID	Preview	Type	Library	Times Used	Avg Time	Mine	Actions
<input type="checkbox"/> Add two fractions, one neg, unlike denom; common factor; ans neg	357	Preview	calculated	List lib	5407	1.5		Action
<input checked="" type="checkbox"/> Add fractions, like denom	583	Preview	calculated	List lib	14251	0.4		Action
<input type="checkbox"/> Add fractions, like denom	585	Preview	calculated	List lib	1344	0.3		Action
<input checked="" type="checkbox"/> Add fractions like denom; answer reduces	586	Preview	calculated	List lib	7091	0.6		Action

When you add the questions, you will be able to group them, set the point values, the number of tries and the number of copies you want to add to the activity. Remember, they are dynamic so all copies will have different values.

7. Select "Add Questions"
8. Repeat the process (search, preview, add) to add more questions.

myOpenMath Home | My Classes | User Settings | Log Out

Course Messages Forums Roster Calendar Gradebook

Home > Online Math (Summer 2021) > Add/Remove Questions > Question Settings

**Modify Question Settings**

For more advanced settings, modify the settings for individual questions after adding.

Leave items blank to use the assessment's default values

Description	Points	Tries	Show Hints & Videos?	Show Work?	Copies to Add
	Default: 1	Default: 3	Default: Hints & Videos	Default: No	
Add fractions, like denom	<input type="text"/>	<input type="text"/>	Use Default	Use Default	<input type="text"/>
Add fractions like denom; answer reduces	<input type="text"/>	<input type="text"/>	Use Default	Use Default	<input type="text"/>
Add three fractions, like denom	<input type="text"/>	<input type="text"/>	Use Default	Use Default	<input type="text"/>

☐ Add as a question group?  
☐ Set the points equal to the number of parts for multistep?

Add Questions

9. Select "Done" when you are satisfied with your activity.

myOpenMath Home | My Classes | User Settings | Log Out

Course Messages Forums Roster Calendar Gradebook

Home > Online Math (Summer 2021) > Add/Remove Questions

**Add/Remove Questions**

Assessment Settings Define End Messages  
Categorize Questions Find Question in Course  
Create Print Version Try New Add/Remove (Beta)

**Questions in Assessment - Sample Assessment**

Check: All None With Selected: Remove Group Change Settings

Order	Description	ID	Preview	Type	Avg Time	Points	Actions
Q1	Add fractions, like denom	583	Preview	calculated	0.4	1	Action
Q2	Add fractions like denom; answer reduces	586	Preview	calculated	0.6	1	Action
Q3	Add three fractions, like denom	587	Preview	calculated	0.3	1	Action

Points total: 3

Done Preview

**Potential Questions**

In Libraries: Unassigned Select Libraries or Select From Assessments

Search: add fractions ☒ Search all libs ☐ Mine only ☐ Exclude added Search Add New Question

Check: All None Add Add (using defaults) Preview Selected

**TIPS/CAUTIONS**

- If you copy a template course, be sure to set the course dates and due dates!
- Check the links to textbooks... I have found some that do not work.
- Try lots of combinations/keywords when searching for questions!
- Preview all questions; it can be difficult to tell the parameters from the description (whole numbers, integers, decimals...)
- Create a “template” block with the structure you want, then make as many copies as you need and move them into place! (Helps to keep wording and structure standardized.)