Navigator

Exploration Guide

What is Navigator?

Think of Navigator as a GPS for student learning. It locates each learner's current knowledge and skills and then designs a personalized route to their destination.

Using Navigator, teachers have access to thousands of curated and standard-aligned resources to enrich and support students' personalized learning journeys. And like any good GPS, Navigator uses data to adjust each student's path to their destination, making re-route suggestions in real-time.



What is this document?

This document is your map to Navigator. It will provide step-by-step instructions to a sample course called Math Navigator, allowing you to explore as both a student and a teacher. To access this information in Google Slides, click here.

Start exploring!

Go to <u>gooru.org</u> and log in using one of the demo accounts below. Once you log in, access the class listed for the account you have chosen. Feel free to explore on your own or by following the steps provided in this document. All we ask is that you do not delete any content or classrooms in the demo accounts. Happy exploring!

Demo Accounts

Student: Michael Caine	Teacher: Mr. Feeny		
Account:	Account:		
Username: mcaine Password: learn123	Username: MrFeeny Password: 12345		
Class: Math Navigator Demo (95QJIMQ)	Class: Math Navigator Demo (95QJIMQ)		

Note: Please do NOT delete any of the classrooms or content in these accounts. Thank you!



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Click on any topic to be brought to its description.

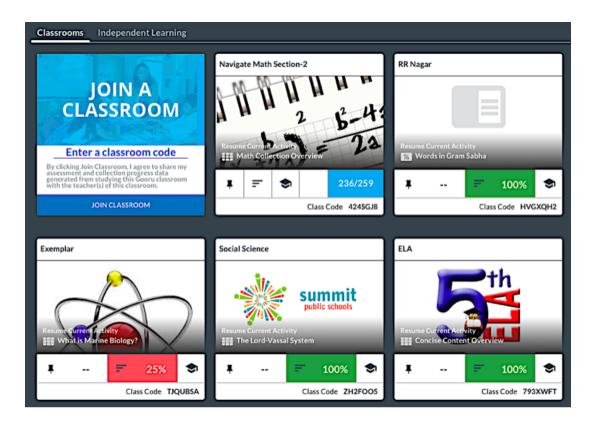
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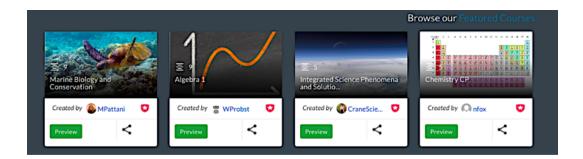
Exploring as a Student:

Overview:

Once you log in, you'll see the **My Study** page, showing all of the classes you're enrolled in. Enter any class by clicking on its picture.



You can also **browse** through any course in Gooru's catalog. We call this **Content Discovery**. Simply click on the blue "Featured Courses" link and then the Gooru Catalog button.



Once you're in the Gooru Catalog, you can **search** for courses, collections, assessments, offline activities, and even individual resources and questions by typing in a keyword.



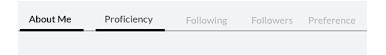
You can also join a course for independent study by previewing and clicking the green "Study" button.

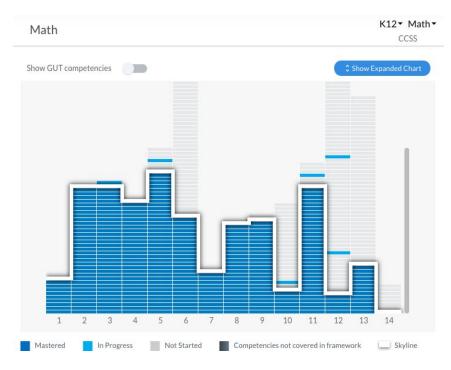
The catalog includes materials made by educators, pedagogy experts, researchers, and partner schools. It is always expanding, so check back often!



Your Profile:

Clicking on your name at the top right of the screen will open your **Profile** page. Here, you can adjust your settings and preferences. By selecting "Proficiency" you can view your **skyline**, which shows the highest competency levels you have achieved across all of a subject's domains.





This is a sample math skyline. The white line shows the highest competency levels achieved so far. The numbers along the bottom represent each domain in the math curriculum.

Initial skyline data are derived from standardized assessments. We use these data to roster students and build their personalized learning journeys.

The skyline is **dynamic**, growing block by block as competencies are mastered along your learning journey.



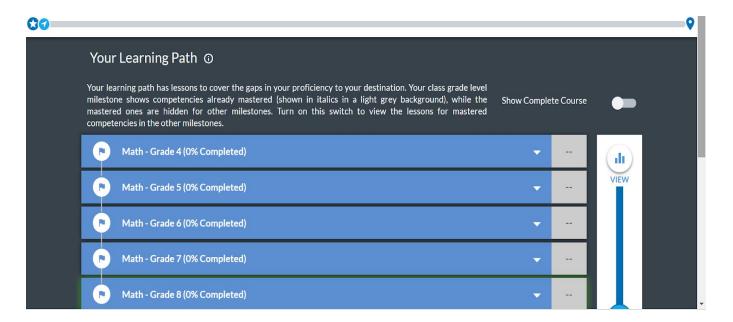
Entering Math Navigator:

Enter Math Navigator by clicking on its picture on your My Study page. Inside, you'll find three tabs at the top of your screen: **Class Activities, Course Map,** and **My Proficiency**.



Course Map:

Clicking on the **Course Map** tab brings you to your personalized learning journey. Learning journeys typically include several grade-levels of resources and content. It all depends on what your starting point is, what your skyline looks like, and what gaps need to be filled.



You can click on your Learning Journey to get a closer look at units, lessons, and even individual collections and assessments. You can also track your progress using the scores posted next to each grade level, unit, lesson, and assessment. Everything is color-coded to help you see what topics you might need to revisit.

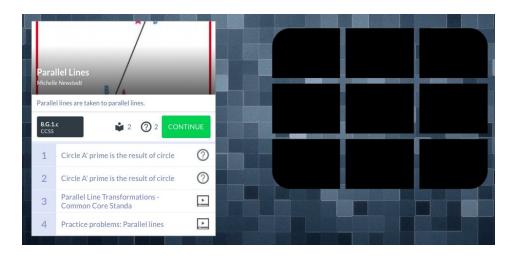
To view a collection or work on assessment, just hover over it and click the play button. This launches your **Study Player**.





Study Player:

The **Study Player** launches collections and assessments in your learning journey. By entering from the Course Map, you can pick up right where you left off.

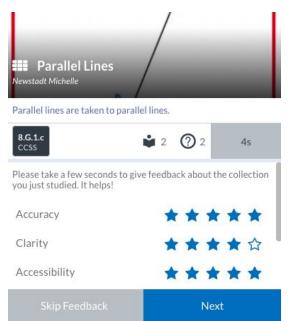


Once you select a collection or assessment, click the green "Continue" button to launch.

A collection can include a range of resources, including videos, interactive web pages, and slideshows. These resources have been curated to supplement what you are learning in class and to help you succeed on the assessment afterwards.

As you navigate through an assessment, you can let your teacher know how you feel about a question or concept by clicking on the emojis at the bottom of the screen. These range from "I can explain this topic" to "I need help."



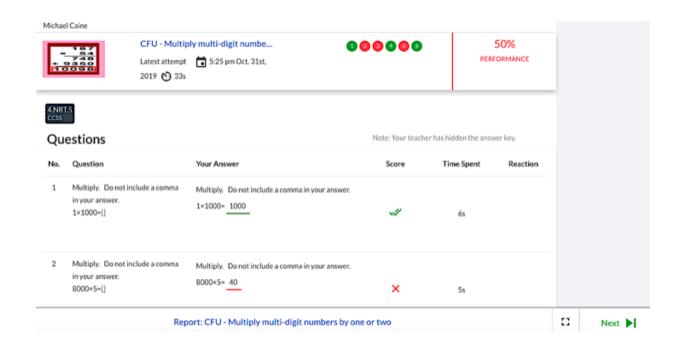


After each collection and assessment, you have the opportunity to provide feedback on its accuracy, clarity, and accessibility.

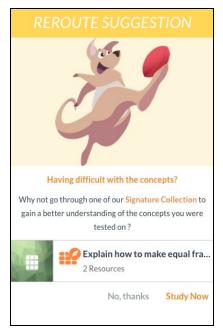
After you assign each category 1-5 stars, click the blue "Next" button. Gooru uses the data you provide to make improvements.

You also have the option to skip this step by clicking the gray "Skip Feedback" button.

Math Navigator will automatically give suggestions of additional resources and support after any assessment on which you score less than 80%. Think of this like a **re-route**, when your GPS adjusts to get you back on track.



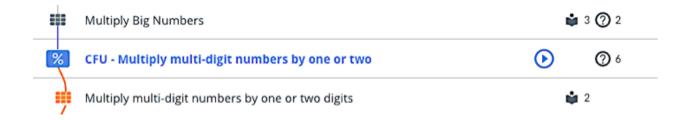
You can access these suggestions by clicking "Next" (on the bottom right of your screen) once you receive your score.



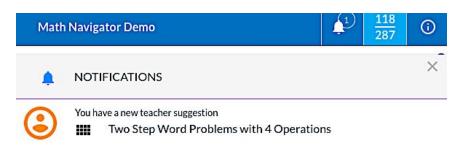
Reroute suggestions look like this. You can choose to take the suggestion (click "Study Now") or not. In this example, you can see that the suggestion includes two resources on explaining how to make equal fractions.

Once you work through the reroute suggestion, Math Navigator will bring you back to the assessment to give it another try.

Every reroute suggestion you take is added to your course map in orange, so you can keep track of the steps you have taken towards your destination.



Your teacher can use Math Navigator to offer you suggestions too. You can access these by clicking the bell icon in the upper right corner of your screen.



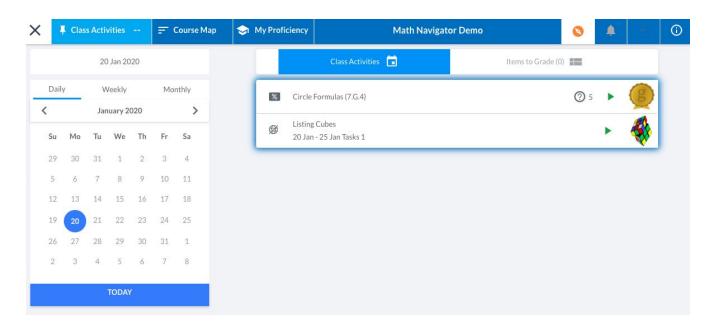


Scoring an 80% or higher on an assessment will earn you a Mastery Badge.

For each competency you master, a block is added to your skyline. Click "Show Me" (in green) to watch your skyline grow, bringing you one step closer to your destination.

Class Activities:

The **Class Activities** tab allows you to access activities your teacher has assigned to supplement your Learning Journey.



Your teacher can post resources, assessments, and offline activities on your Class Activities page.



The assessments can be scheduled to be completed in the future or in real-time. We call this **Going Live**; you can see your score as soon as the activity is over.

Some class activities are **Offline Activities**. In the example below, there are two Class Activities assigned: Circle Formulas (a five-question assessment) and Listing Cubes (an offline activity).



To begin work on any Class Activity, click the green play arrow.

Offline activities often require you to provide a typed response or explanation.

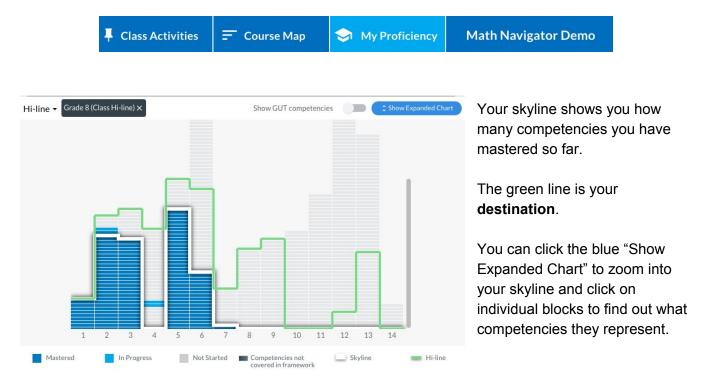
They also enable you to upload attachments or link websites before submitting them for grading.

8	An business owner is looking at sales An business owner is looking at sales for her bookstore. She sold 128 books in January, which is 12.5% of the total books she sold throughout the whole year. How many books did she sell that yea she sold 210 books in February, what percent of total books did she sell in January and February combined? Do you think winter is a busy time for her books tore? In one sentence, explain why win or isn't a busy time for her bookstore, using evidence from the problem.	
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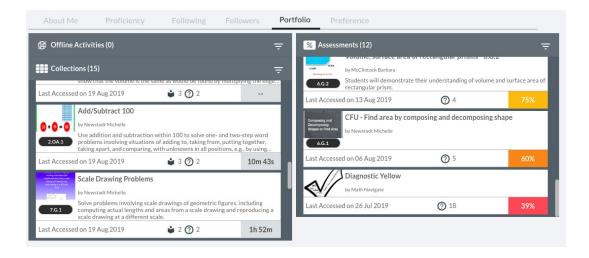
My Proficiency:

Clicking on the My Proficiency tab brings you to your skyline.



My Portfolio:

You can see all of the collections, assessments, and offline activities you have already completed by accessing your portfolio.





You can access your portfolio by clicking on your name in the upper right corner of the home screen.



Then, click the "Portfolio" tab.

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				VERA		RUBIN						
	About Me	Proficiency	Following	Followers	Portfolio	Preference						



Exploring as a Teacher:

Overview:

Once you log in, you'll see your **Classrooms** page, showing your active and archived classrooms. Access any class by clicking on its picture. You can also create a new classroom from this page by clicking "Create Class."



Once created, each class has a **class code**.

One way to enroll students in your class is to give them this code. On the My Study page, students can enter the code and click "Join Class."

If Math Navigator is being implemented schoolwide, Gooru will roster all of your students and their data for you.

Entering Math Navigator:

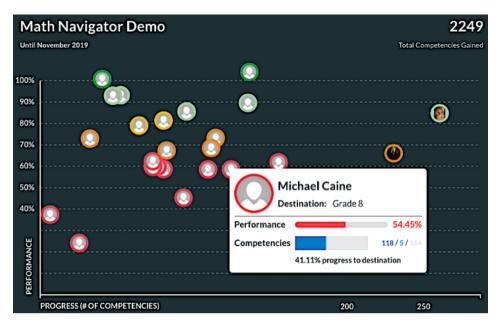
Enter Math Navigator by clicking on its picture on your Classrooms page. Inside, you'll find four tabs at the top of your screen: **Performance Overview, Student Locator, Class Activities,** and **Learning Journey.**





Performance Overview:

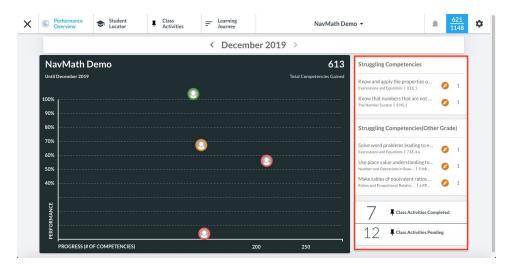
Clicking on the **Performance Overview** tab provides a quick snapshot of how your students are doing. You'll see a plot charting performance and progress for each student. The plot is dynamic, updating as your students work.



Hovering over a student's avatar will produce a pop-up with more details about the student's performance.

Performance is measured by the student's mean score on assessments, and progress is measured by the number of competencies mastered.

Competencies with which students are struggling (scoring <80%) are listed on the right side of the Performance Overview page. Suggestions can be assigned to struggling students directly from this box by clicking the orange suggestion icon.





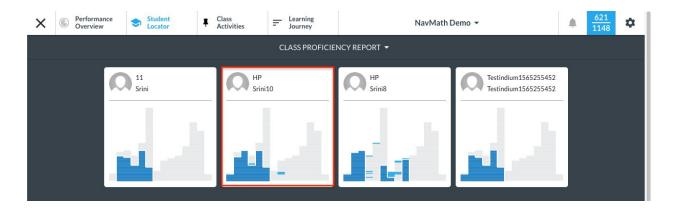
Making Suggestions:

Even the best drivers need to be rerouted once in a while. The same is true for students.

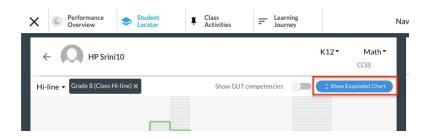
Gooru automatically makes suggestions of additional resources and assessments when students are struggling with a concept. You can choose recommended collections or assessments from a list of suggestions available in multiple locations:

Option 1: Single Student Suggestion via Skyline

Click on the "Student Locator" icon on the classroom card and then select the learner to whom you want to assign the resources or assessments.



You can click on "Show Expanded Chart" button to get an enhanced view of the student's skyline.

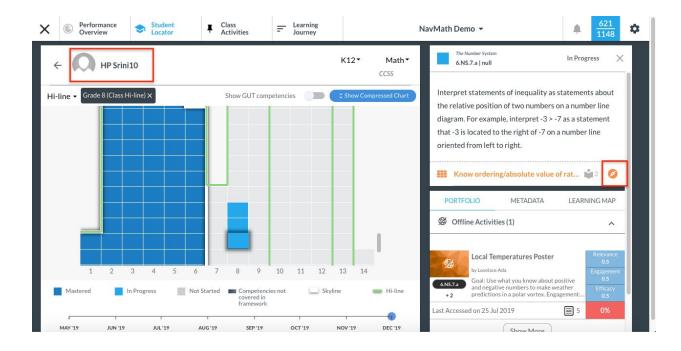




Then, select the competency from the skyline with which the learner needs more support by clicking on the corresponding block.

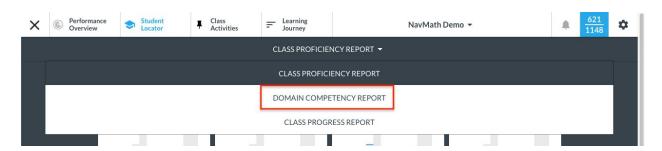


Click on the orange suggestion icon (on the right side of the screen) to send the suggested collection or assessment to the student.



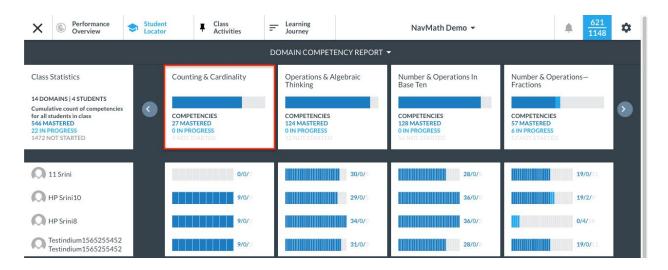
Option 2: Student Suggestion by Domain

Click on the "Student Locator" icon on the classroom card and then select "Domain Competency Report" from the dropdown menu.

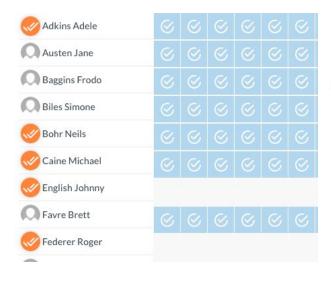




Select a domain. You can scroll through the course's domains using the left/right arrows on the screen.



Identify which students you would like to receive suggested supplemental resources by clicking on their avatars. Orange check marks indicate that a student has been selected.



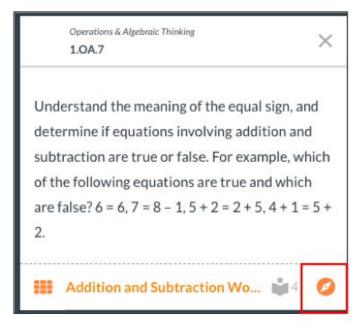
In this example, Adele, Neils, Michael, Johnny, and Roger have all been selected to receive the suggestion.



Hover over each "i" symbol to get a description of the competency. Click on the "i" of the targeted competency. This will highlight the column in dark blue (shown below).

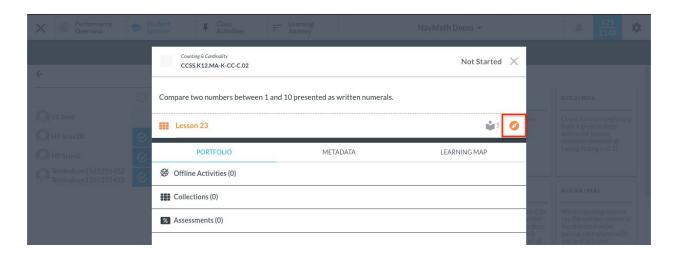


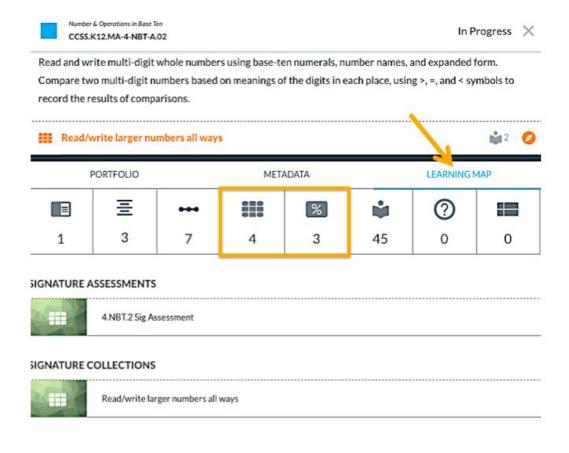
On the right side of the screen, click on the orange suggestion icon.





In the pop-up window, click on the orange suggestion icon to assign the additional resources and assessments to the cohort of students you selected.





You can also select the "Learning Map" tab in the pop-up window, and then click on the collection or assessment tabs (highlighted in the image to the left) to assign any collection or assessment from the list to the student.

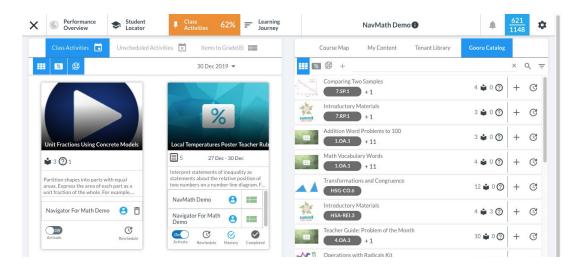


Class Activities:

Clicking your **Class Activities** tab brings you to your activities dashboard, where you can search for and assign collections, assessments, and offline activities.



Class activities are a great way to formatively assess understanding, fill in gaps, and challenge accelerated learners. You can use all or part of an existing activity from Gooru's catalogs or you can create your own from scratch.



Once posted, Class Activities will appear on the left side of the page. Class Activities can be added from multiple sources to fit your needs:

Option 1: Assigning Class Activities from the Course Map

The Course Map allows you to assign collections and assessments from anywhere in the course. This is an easy way to find gaps in students' understanding.

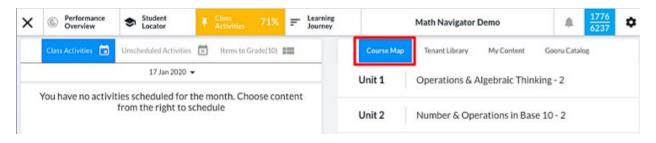
For instance, if you are teaching 6th grade but you're not sure how well your students really know a particular 2nd grade standard, select a 2nd grade assessment from the course map and assign it as a class activity. This is a great way to assess prior knowledge and to help kids fill in gaps.



To view the course map, click on the "Class Activities" tab at the top of the classroom page.

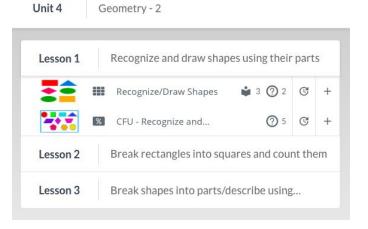


On the right side of the page, select "Course Map." This will surface all of the units in the course.



Click on a unit and a lesson to view the associated collections and assessments.

To preview the collection or assessment, click on its name. To assign, click the "+" icon. To schedule for later, click on the clock icon and select a date.

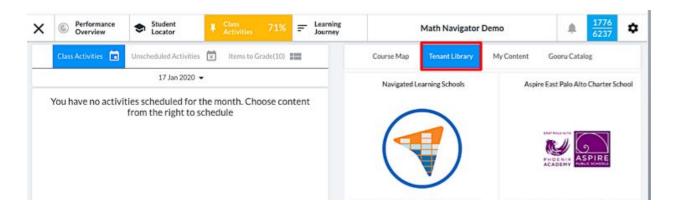




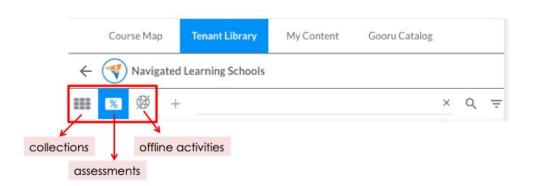
Option 2: Assigning Class Activities from the Tenant Library

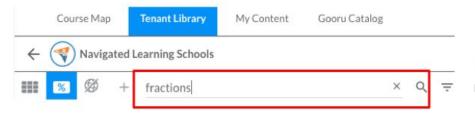
The Tenant Library is a set of curated resources made by educators and Gooru content creators. It contains assessments that are <u>not</u> included in the Course Map.

On the right side of the page, select "Tenant Library". Choose the desired library from the cards shown.



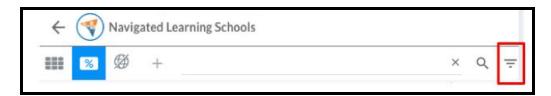
Use the icons (shown below) to narrow the search by activity type.



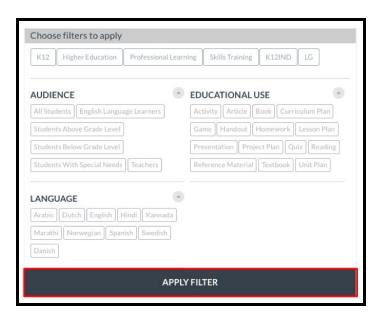


Use the search bar to narrow results.





You can narrow the results even further by clicking the filter icon. Select a framework and competency, and click "Apply Filter".



Option 3: Assigning Class Activities from My Content

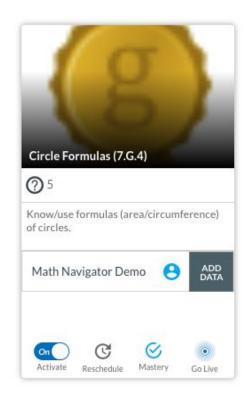
"My Content" includes collections and resources that you have already created or edited.



Option 4: Assigning Class Activities from the Gooru Catalog

The Gooru Catalog includes all collections and assessments created by Gooru users.





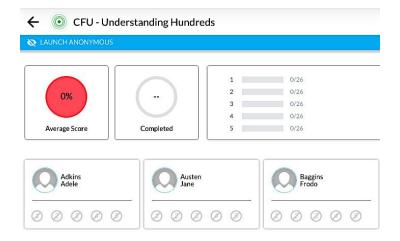
Once added to your class, activities can be viewed by day, week, or month. To activate, toggle to "On."

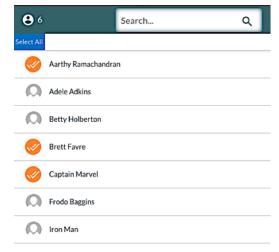
You can also reschedule the activity and allow it to be used for mastery (to build students' skylines). You also have the option to select the students the activity assigned to by clicking the blue student icon next to the activity name.

Go Live

Clicking the Go Live icon opens a new, dynamic window. As the activity runs, the dashboard updates in real-time, giving an in-the-moment snapshot of what topics you need to revisit and with which students.

Go Live can be run using student names or anonymously.





Teachers also have the option to select the students to whom each class activity is assigned. This allows you to provide personalized support and enrichment.

When you click the blue student icon next to the activity name, the pop-up window shows the selected audience for your activity. You can deselect students or select them by clicking on their avatars.



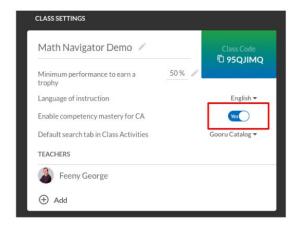
Enabling Competency Mastery for Class Activities

When you post a Class Activity, you have the option to use it to determine mastery of the competency it covers.

To enable this, click on the wheel icon to access your Class Settings.

Under the Class Settings section, competency mastery can be enabled or disabled (below):





When enabled, all Class Activities you post will automatically count towards mastery and building a student's skyline (right).

You can un-check mastery or turn off the setting at any time.

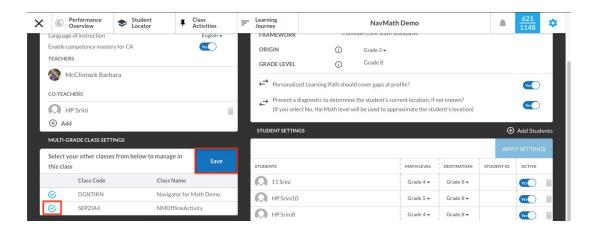




Multi-Grade Support (For Select Tenants Only)

The objective of this feature is to support a combined class view, allowing instructors to add and manage multiple classes without the need to click in and out of each one.

All classes of the same subject and using the same framework will appear under Multi-Grade Class Settings, as shown on the Class Settings page (below). To move between classes, click on the class name and press save.



Accessing Student Data:

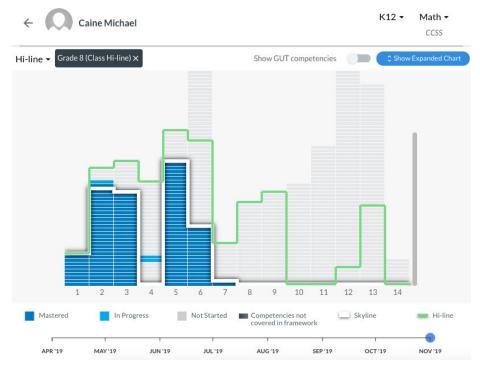
Clicking your **Student Locator** tab brings up your data dashboard. From here, you can access classand individual-level reports on progress and proficiency.





The default screen is the Class Proficiency Report.

Click on individual student's graph to access their **skyline**. The skyline is dynamic and updates as the student works.



Recall that on a student's skyline, the white line shows their current level of proficiency while the green line is their destination.

If you click the blue "Show Expanded Chart" button, you can zoom into a student's skyline to click on any competency block for descriptions and data.

Selecting **Domain Competency Report** from the dropdown menu will bring up class and individual data broken down by the standards or competencies in your course.

DOMAIN COMPETENCY REPORT

CLASS PROFICIENCY REPORT

DOMAIN COMPETENCY REPORT

CLASS PROGRESS REPORT



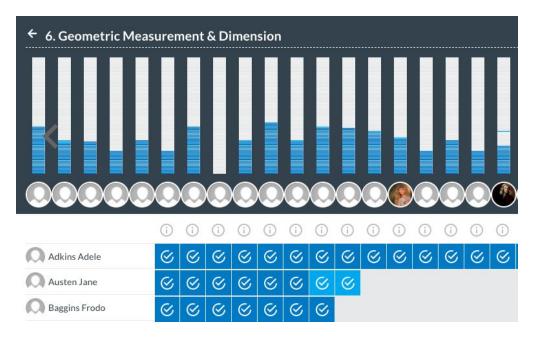
In this partial Domain Competency Report, we can see that our 3 students (Adele, Jane, and Frodo) have each mastered all 9 competencies in the Counting and Cardinality domain.

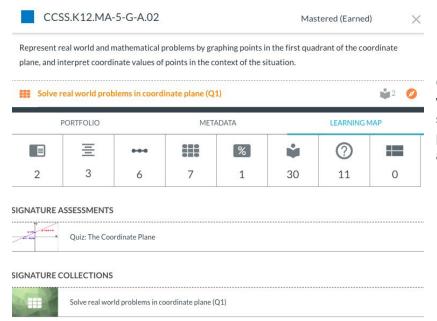
That means that all 3 students will have 9 blocks in their skylines for this domain.

gooru

By clicking on an individual domain, you can access data broken down by competency.

Hovering over the "i" symbol produces a description of the competency. A dark blue check indicates mastery.





Selecting **Class Progress Report** from the dropdown menu shows progress in terms of competency gains, time spent on resources, mastery badges earned, and suggestions taken.

Clicking on any of the blue checkmarks will bring up a new window like this one, showing a description, student performance data, and the resources associated with the specific competency.

CLASS PROGRESS REPORT ▼

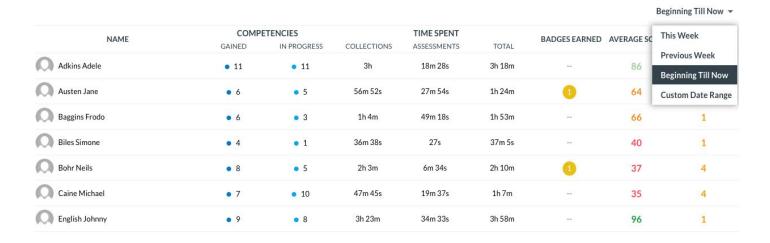
CLASS PROFICIENCY REPORT

DOMAIN COMPETENCY REPORT

CLASS PROGRESS REPORT

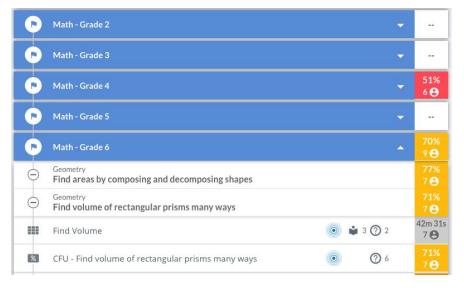


These data can be presented for the current week, the previous week, from the beginning of the school year, or over a custom date range.



Learning Journey and Course Map:

Click on the **Learning Journey** tab on your classroom page to view your course's content broken down by grade, domain, and competency. You can click into any competency to see the collections and assessments associated with it.



For example, here we have clicked on the competency "Find the volume of rectangular prisms many ways" in Grade 6 geometry.

There is a collection of resources ("Find Volume") and an assessment ("CFU") linked to this competency.

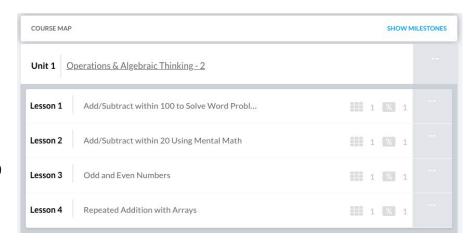
Reviewing your course Learning Journey can give you a quick summary of your students' average performance per competency. In the example above, 7 students scored an average of 71% on the assessment ("CFU").



All scores have been color-coded to help you make quick, in-the-moment decisions about re-teaching.

Clicking on the blue "Show Course Map" text in the upper right corner of your Learning Journey will show all Math Navigator content from grades 2-8.

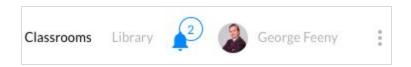
The complete course covers all 268 Common Core Standards across 10 domains and 8 mathematical practices.



Content Management:

Teachers can also **search**, **remix**, and **create** their own content. This includes collections of resources, assessments, and activities.

To begin, return to your homepage and click on "Library" in the top right corner of your screen.



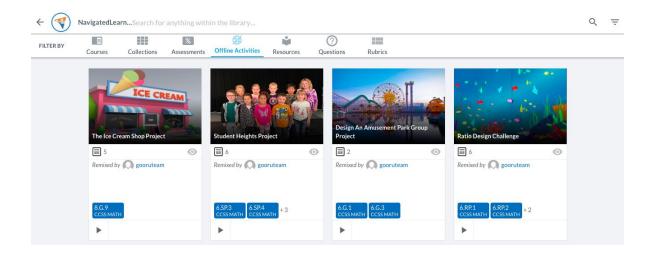


To search for new content, you can click on **Gooru Catalog**, which includes resources made by Gooru users. You can also click on **Navigated Learning Schools**. This will give you access to a curated selection of standards-aligned materials.

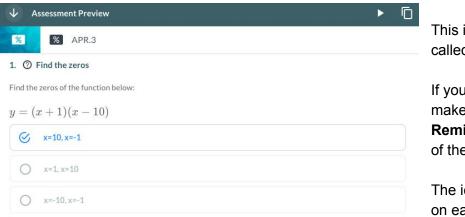
You can search by keyword or the material type (course, collection, assessment, offline activity, etc.)

By clicking the inverted pyramid to the right of the search bar, you can also filter your results by competency.





Preview anything you like by pressing the play button.



This is a preview of an assessment called "APR.3".

If you want to edit the assignment or make a copy for yourself, click the **Remix** icon in the upper right corner of the window.

The icon looks like two cards resting on each other.

Remixing adds the item to your account. From "My Content," the item is yours and can be changed however you want.

To access content you have remixed, click on "Library" in the top right corner of your screen. Then, select "My Content."





Glossary

Terminology	Definition
Performance overview	Quick view of the entire class plotted on a graph, depicting progress vs performance of each student.
Classroom Code	A code unique to each classroom that students can use to join the classroom
Collection	A playlist of multimedia resources (videos, website, images, etc) and questions
Competency	This term is synonymous with learning standard. K-12 educators generally understand competencies and content developed at the competency level. Much of Gooru's current content is developed around learning at the competency level.
Content Editor	Where a user can build and edit their content on Gooru. Also where they develop the course hierarchy (unit, lesson, and collection folders) and add and organize content
Content Settings	The status of content in terms of visibility - can be private, shared individually, assigned to a student or students, or publically visible.
Course	A "folder" that allows you to organize your learning content into units and lessons.
Course Map	View of all the content available in a classroom
Current Location	Where a student is in a Gooru course in terms of mastery of a standard with regard to the learning targets. Demonstrates understanding and progression through the collections, lesson, unit, and course.
Data	Data of student assessments, attempts, scores, etc for a classroom
Go Live	When the teacher selects "Go Live" for an assessment, the results for each question for the whole class is visible on the teacher's dashboard in real-time
Gooru Catalog	The set of all content available in Gooru, searchable by collection, resource, and standard.
Grade Line	Line connecting the highest competencies in each domain within a subject that is expected to be covered at a specified Grade level.
Learner Profile	Biography, Progress, Performance, Proficiency, Portfolio, Preference and Content



Lesson	A lesson is a sub-folder in the course folder hierarchy.
Library	The content on a user's profiletheir courses, collections, assessments, questions, and uploaded resources
Metadata	Information associated/tagged on resources, assessments, collections, courses; includes areas such as standard, grade level, type of media, etc.
Performance Data	View of progress within a unit, lesson, or collection
Proficiency	Student skill level.
Profiles	A collection of information on the user and the user's content (the user could be an individual or an organization) that the user can update. Profiles are publicly visible.
Reaction	Student response to a resource via a likert-type scale
Real-Time Performance	Visual representation of completion and mastery within a collection, lesson, unit and course
Remix	Copy and save content to your account
Resource	A resource is multimedia content in a variety of formats such as videos, interactives, websites, images, Google docs, and more.
Route-0	This is a list of lessons to help the learner gain knowledge in competencies not covered by the course, but, required to learn the competencies that the course covers
Search (Collection)	User enters keyword in search box to find and filter Gooru's catalog to find relevant collections
Search (Resource)	User enters keyword in search box to find and filter Gooru's catalog to find relevant resources
Signature Assessment	Assessment offered to students when they receive >= 80% on their Course Assessment, allowing them the opportunity to gain mastery of a competency.
Signature Collection	Additional resources offered to students to enhance their understanding of the concept if they receive < 80% on the Course Assessment.
Skyline	A white line on the Proficiency Chart that represents the highest-level concepts and skills they have mastered in each domain.

Standards	District, state or national frameworks that define content areas and skills. Well-known standards include Common Core, Next Gen Science Standards
Teacher Suggestion	Additional collections or assessments offered to students to reinforce concepts where students may be struggling.
Time Spent	Amount of time spent on a question, resource, assessment, or collection
Unit	A unit is a sub-folder in the course folder hierarchy.