



# Digital Walkthrough



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The *Math & YOU* digital experience, **ada**, is a new, exciting, highly flexible teaching and learning environment. On **ada**, teachers can efficiently plan, teach, and assess their students, all while offering engaging digital resources that foster the learning of mathematical knowledge and skills.

### **Planning, Teaching, and Assessing**

You can leave the Teaching Edition in the classroom because **ada** provides you with everything necessary to plan your lessons. The teacher's Digital Experience includes interactive resources, practice, homework, and both formative and summative assessments that support any learning environment and accelerate learning for all students.

With **ada**, everything is at **point of use**; you no longer need to search through an entire site to find all the content and resources.

- Plan with all your resources... at point of use.
- Present the content you want to use... at point of use.
- Customize your lessons... at point of use.
- Assign all content... at point of use.
- See what students see... at point of use.
- Formatively and summatively assess ... at point of use.
- View and analyze reports ... at point of use.

At Big Ideas Learning, we believe that empowering teachers is crucial for implementing effective teaching strategies that accelerate student learning. That is why **ada** is designed to empower you in your teaching journey.

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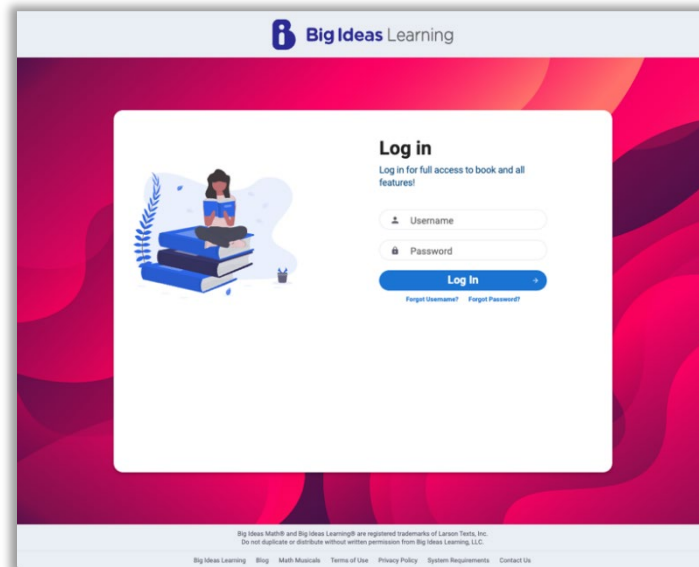
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## GETTING STARTED

### Sign On

At **myadamath.com**, enter the username and password provided to you, and click **Log In**. If you do not have a username and password, reach out to your National Geographic Learning Representative.



Once logged in, you will land on the **Courses** tab, where you will see any classes that have already been set up for you.

## Optional: Create a Class

Classes are preloaded for you. If you would like to review the “Add a Class” feature, follow these steps.

1. Click **Manage** and then select **Classes**.
2. Select **Create New Class**.
3. Name the class and assign a grade. Click **Save**.
4. Assign a course to the class by clicking **Allocate Course**. This becomes active once you save the class.
5. Select the course and click **Allocate Course**. This becomes active once you select the book.

The screenshots illustrate the following steps:

1. Click **MANAGE** in the top navigation bar.
2. Select **CLASSES** in the dropdown menu.
3. Click **CREATE NEW CLASS** in the 'Class Listing' screen.
4. Click **Save** in the 'Create New Class' form.
5. Click **ALLOCATE COURSE** in the 'Allocate Course' screen.

The 'Allocate Course' screen displays a table of available courses:

Course Name ↑	Grade
<input type="radio"/> AGA 2024: Algebra 1	Grade 9
<input type="radio"/> AGA 2024: Algebra 2	Grade 11
<input type="radio"/> AGA 2024: Geometry	Kindergarten
<input type="radio"/> Math & YOU: Grade 1	Grade 1
<input type="radio"/> Math & YOU: Grade 2	Grade 2

## Optional: Add Students

If you would like to experience the **Manage Students** feature, follow these steps.

1. Click **Manage** and then select **Students**.
2. Search for a student from the list in the search bar and then select the student.
3. If the student is not yet in the system, click **Create New Student** and fill out the required information.
4. Select **Add to Class** to add a student to a specific class.
5. Select the box next to the class name and select **Add to Class**.

The first screenshot shows the 'MANAGE' menu being selected. The second screenshot shows the 'Student Listing' page with a search bar and a table of students. The third screenshot shows the 'Add to Class' page with a search bar and a table of classes.

**Student Listing Table:**

Name	Username	Grade	Classes	Courses	Actions
Demo Student-HL	Demo1	3	1	1	...
Demo Student 1 Student 1	teddyr	3	6	7	...
Demo Student 2 Student 2	GWSanders	3	6	7	...
Demo Student 3 Student 3	DemoStudent3	3	7	7	...
Demo Student 4 Student 4	DemoStudent4	3	6	7	...
<input checked="" type="checkbox"/> Charlotte Nez	charlottenez	3	2	1	...

**Add to Class Table:**

Class Name	Program	Grades	Students
<input checked="" type="checkbox"/> Math and YOU Grade 6	-	6	0

## Optional: Create Groups

Groups allow teachers to quickly and easily assign practice or assessments to certain students. If you would like to experience the **Create Groups** feature, follow these steps.

1. Click **Manage** and then select **Classes**.
2. Select the **Class Name** where the groups will be created.
3. Scroll down until you see **Students**. Select **Groups**.
4. Select **Create New Group**.
5. Enter a name for the group. The Group Description is optional.
6. Click **Save**.

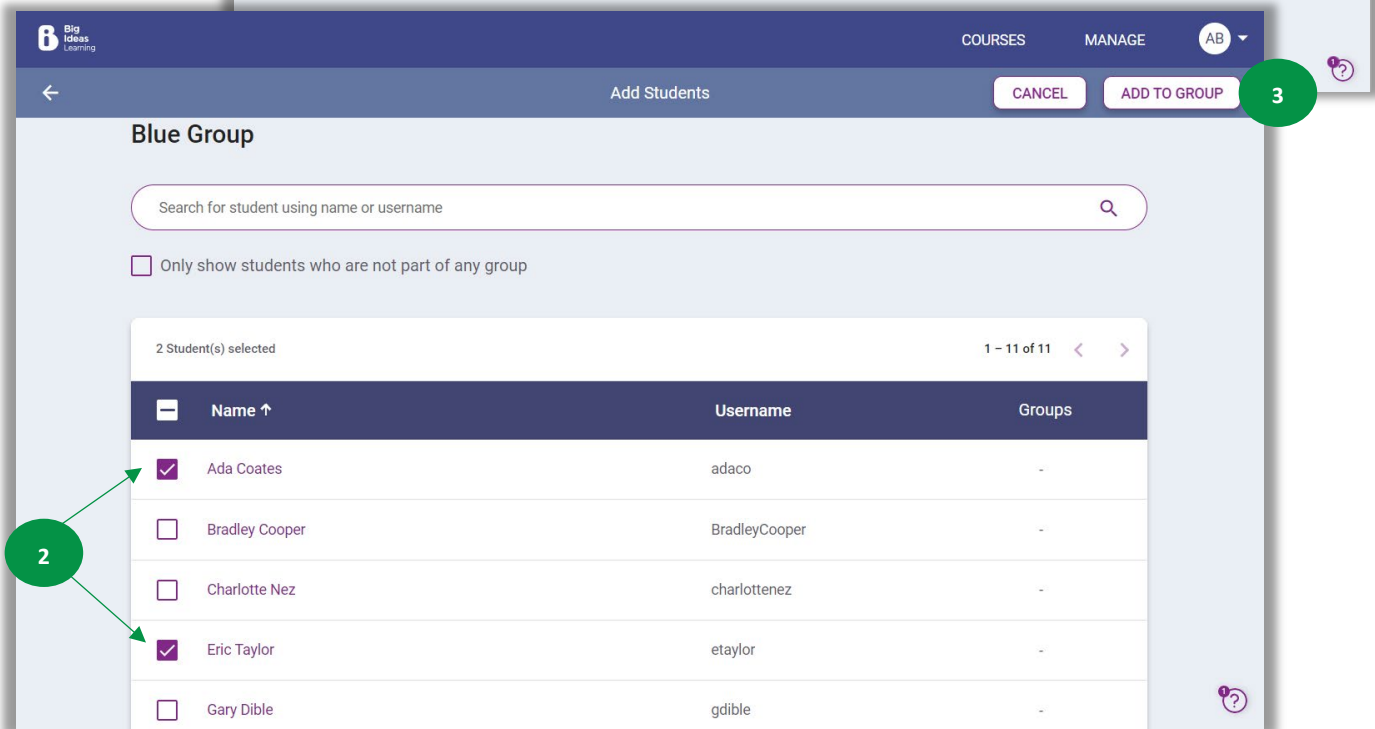
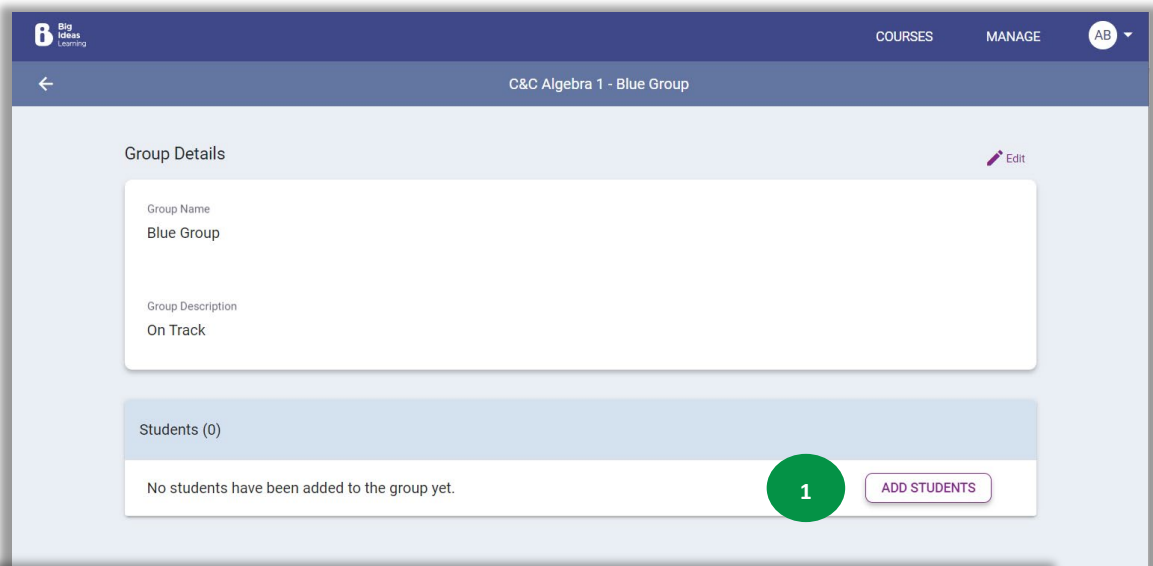
The screenshots illustrate the following steps:

1. Click **MANAGE** in the top navigation bar.
2. Select **CLASSES** in the left sidebar.
3. In the **Class Listing** view, select the class **C&C Algebra 1** and click **Groups** under the **Students** section.
4. Click **CREATE NEW GROUP** in the **Groups** section.
5. In the **Group Details** form, enter the group name **Blue Group** and the group description **On Track**.
6. Click **Save** in the top right corner of the form.

## Optional: Create Groups, cont.

Once you click **Save**, you can add students to the groups.

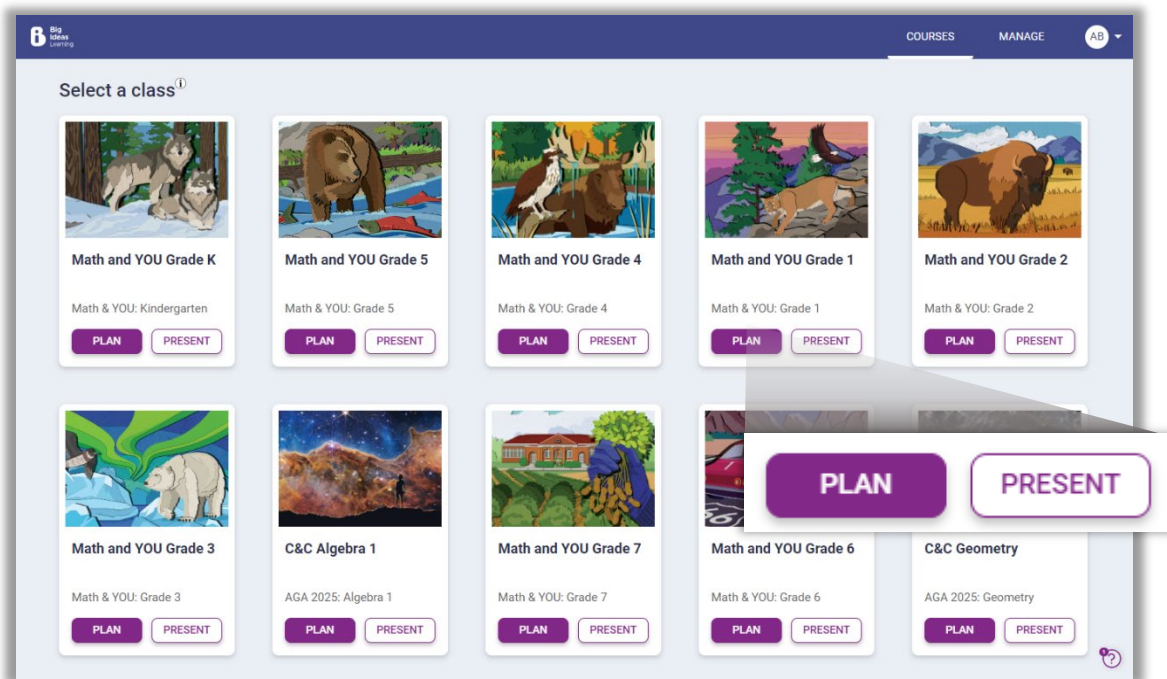
1. Click **Add Students**.
2. Select the students to add to the group.
3. Click **Add to Group**.





## Explore

On the **Courses** tab, class tiles provide you with the class name, book associated to the class, and the option to **Plan** or **Present**.



To plan your chapters and lessons, click **Plan**. Here you can:

- review your program content,
- access resources,
- create assignments, and
- customize the learning path to suit both your presentation style and the specific needs of your students.

Click on **Present** when you are ready to teach a lesson, which turns the content into presentation slides.

## PLAN AND TEACH

### Navigate Plan Mode

**Plan** mode allows teachers to preview content and make informed decisions about which aspects of a lesson to include in **Present** mode and/or provide to students in their learning path.

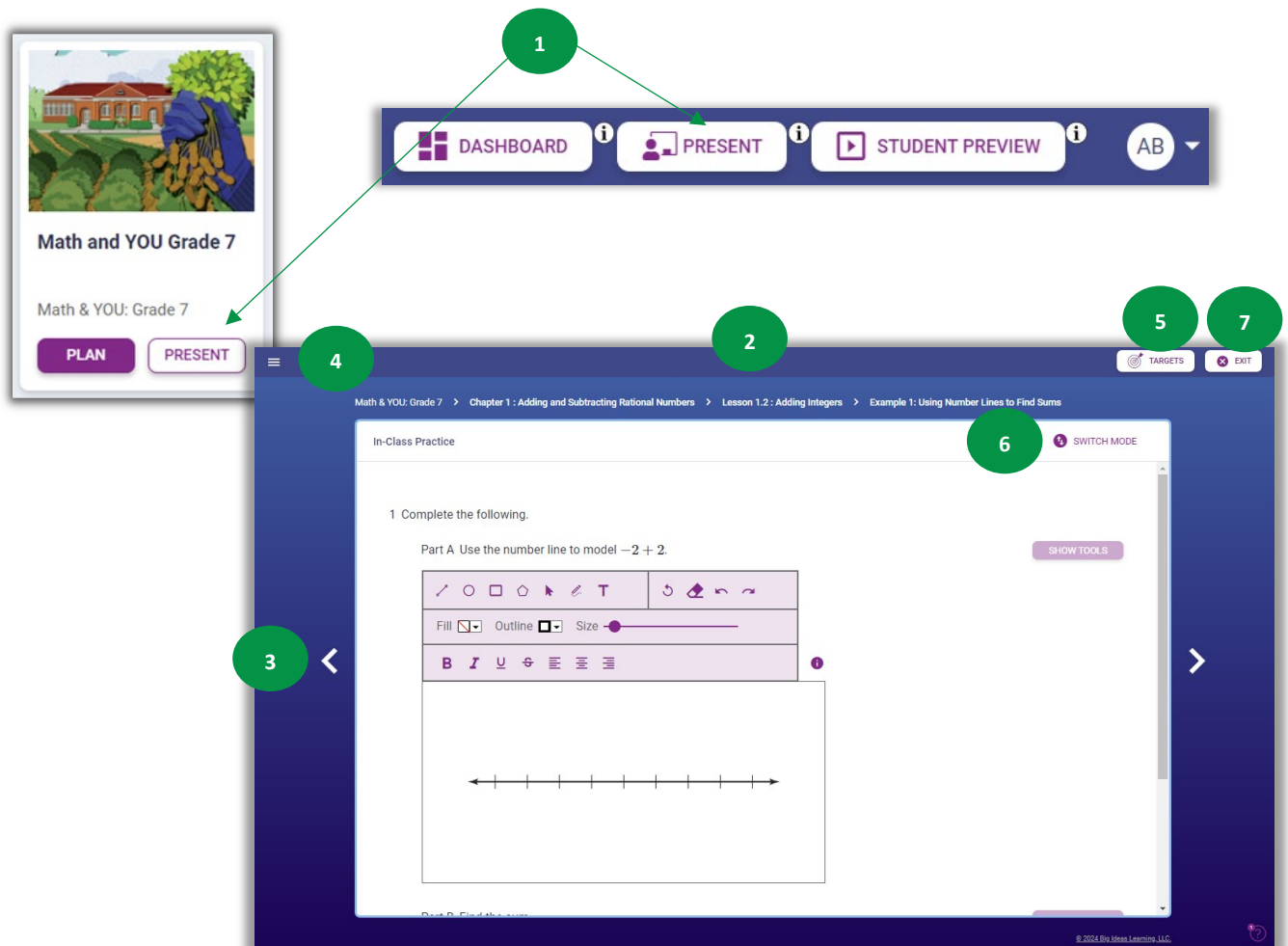
1. Select **Plan** for one of the classes on your **Courses** tab.
2. Choose **Dashboard** to see an overview of student assignment and assessment data.
3. Select **Present** to launch the current content into teaching mode.
4. Choose **Student Preview** to see content exactly how your students will see it.
5. Look at the hierarchy, or "breadcrumbs," to identify where you are in the sequence of content. Click any of the links to go to that part of the Learning Path.
6. To switch to a different class, use the drop-down menu in the upper left-hand corner, or select your initials in the top right-hand corner, and choose **Courses**. This will take you back to the Courses tab.

The screenshot illustrates the navigation process through the Big Ideas Learning platform. It shows a sidebar with a course card for 'Math and YOU Grade 7' (step 1), a top navigation bar with 'DASHBOARD', 'PRESENT', and 'STUDENT PREVIEW' buttons (steps 2, 3, 4), and a main content area displaying a lesson on 'Using Number Lines to Find Sums' (step 5). A dropdown menu is open in the top right corner, showing the 'COURSES' option selected (step 6). The lesson content includes a number line diagram and a key concept: 'The length of each arrow is the absolute value of the number it represents.' The lesson steps are: a. Find  $4 + (-4)$ . Draw an arrow from 0 to 4 to represent 4. Then draw an arrow 4 units to the left to represent adding  $-4$ . So,  $4 + (-4) = 0$ . b. Find  $-1 + (-3)$ . Draw an arrow from 0 to  $-1$  to represent  $-1$ . Then draw 3 units to the left to represent adding  $-3$ .

## Navigate Present Mode

**Present** quickly launches your content into full-screen teaching mode for whole class, small group, and individual instruction.

1. Select **Present** from one of your classes on the **Courses** tab, or if already in **Plan** mode, select **Present** from the navigation bar.
2. Lesson content opens in full screen mode.
3. Use the left and right arrows to progress through content that you toggled on during your planning. (See page 15.)
4. The **hamburger menu** opens the Table of Contents to navigate to other lessons.
5. **Targets** opens the Learning Targets, Success Criteria, and Standards to display to students.
6. **Switch Mode** changes the functionality during **Present** mode to **View Only, With Answer and Feedback**, or **Interactive + Feedback**. View Only is only for display. With Answer and Feedback display the answers and positive feedback. Interactive + Feedback allows you to input answers and check them live to get instant feedback.
7. Select **Exit** in the top right corner to close **Present** mode and go back to **Plan** mode.



## Learning Path

With **ada**, the Learning Path is the table of contents and lesson plan. Use it to browse for resources and review the sequence of the content provided.

1. From **Plan** mode, use the table of contents to choose a **chapter**.
2. Use the arrows to expand or collapse the content.
3. Choose any of the resources from the **Learning Path**, such as **Pre-Course Tests, Course Resources, Standards-Based Practice, Math Tools and Graphic Organizers**, and more. You can also choose any of the chapter opening content, a specific lesson, or the chapter ending content.
4. Review **Teacher Notes, lesson activities, and resources** to prepare lessons.
5. Select **Targets** to review the Learning Targets, Success Criteria, and Standards for the lesson.

The image displays two screenshots of the Big Ideas Learning 'ada' interface. The top screenshot shows the 'Learning Path' for 'AGA 2025: Algebra 2'. A sidebar on the left contains a table of contents with numbered callouts: '1' points to the 'Course Resources' section, '2' points to the 'Chapter 2: Quadratic Functions' section, and '3' points to the 'Math Tools & Graphic Organizers' section. The main content area shows 'Algebra 2 Teaching Edition' with two book covers: 'Algebra 2 -- Instructional Guide' and 'Algebra 2 -- Answer Guide'. The bottom screenshot shows a lesson page for 'Lesson 1.1: Parent Functions and Transformations'. A sidebar on the left shows the lesson structure with callout '5' pointing to the 'Lesson 1.1' section. The main content area shows 'Paul's Notes - Identifying Function Families' with callout '4' pointing to the text. Below the notes are sections for 'Example 1: Identifying a Function Family', 'In-Class Practice', and 'English Learner Support'. The interface includes navigation buttons like 'DASHBOARD', 'PRESENT', and 'STUDENT PREVIEW'.

## Dashboard

The **Dashboard** provides a convenient overview of student assignments and assessment data without navigating to a new page.

1. From **Plan** mode, select **Dashboard**.
2. The **Overview** tab shows Recent Assignments, a Summary of Past Assignments, Student Self-Assessment data by chapter and lesson, the class Roster, any Favorite Resources, and Recommended Resources using the system's recommendation engine.
3. The **Assignments** tab provides access to all assignments for the class in three categories.
4. **Now** assignments are current, active assignments. **Upcoming** are scheduled assignments that students cannot access yet. **Past** assignments are any assignments that are completed or are past the due date.

The screenshot displays the dashboard interface with several key elements:

- Navigation Bar:** Contains tabs for DASHBOARD (highlighted with a green circle '1'), PRESENT, STUDENT PREVIEW, and a user profile icon (AB).
- Overview Tab:** The active tab, highlighted with a green circle '2'. It features a sub-tab for Assignments (highlighted with a green circle '3').
- Recent Assignments Table:** A table with columns: Name, Start Date, End Date, Mean Score %, and Turned in %.

Name	Start Date	End Date	Mean Score %	Turned in %
In Class Practice 3	07-22-22	07-23-22	75	50
In Class Practice 3: Reasoning	07-22-22	07-23-22	50	100
Practice Test 2	07-22-22	07-23-22	100	75
1.3 Practice	09-22-22	09-23-22	0	0
- Assignments Panel:** A panel with tabs for Now, Upcoming (highlighted with a green circle '4'), and Past. It displays a table of assignments.

Name	Type	Start	Due	Not Started	Completed	Graded	Actions
<b>Student Assignment</b> Lesson 1.1: Use Equal Groups to Multiply Description - Please do this assignment	Pre-check + Self-assessment	06-05-23 2:20 PM	06-28-23 2:20 PM	4 of 4	0 of 4		...

## Student Preview

The **Student Preview** button allows you to see and interact with content from a student's perspective.

1. From **Plan** mode, select **Student Preview**.
2. Lesson content opens in full screen mode.
3. Students can view the Learning Targets, Success Criteria, and Standards with **Targets**.
4. Select **Exit** in the top right corner to close the **Student Preview** and go back to **Plan** mode.

The screenshot illustrates the Student Preview interface. At the top, a dark blue navigation bar contains four buttons: 'DASHBOARD', 'PRESENT', 'STUDENT PREVIEW', and 'AB'. A green circle with the number '1' is positioned above the 'STUDENT PREVIEW' button. Below this, the main content area is shown in full-screen mode. At the top of this area, there are 'TARGETS' and 'EXIT' buttons, with green circles containing the numbers '3' and '4' above them. The main content displays the title 'Example 3: Evaluating an Expression' and the problem: 'Evaluate  $2x + y$  when  $x = \frac{1}{4}$  and  $y = -\frac{3}{2}$ .' The solution steps are shown:  $2x + y = 2\left(\frac{1}{4}\right) + \left(-\frac{3}{2}\right)$ , followed by 'Substitute  $\frac{1}{4}$  for  $x$  and  $-\frac{3}{2}$  for  $y$ .' The next step is  $= \frac{1}{2} + \left(-\frac{3}{2}\right)$ , followed by 'Multiply.' A large pink play button is centered on the screen. Navigation arrows are visible on the left and right sides of the content area. At the bottom, there is a small upward arrow button and a copyright notice: '© 2024 Big Ideas Learning, LLC.'

## Student Locker

The **Student Locker** allows students to view and navigate their assignments as well as various components of their Learning Path.

1. Open the **Student Preview**.
2. Click the up arrow to open the **Student Locker**.
3. **Assignments** tab shows students all their current, upcoming, overdue, and completed assignments.
4. **Course Menu** tab shows students the current chapter and lesson and any corresponding **Learning Path** resources turned on by the teacher.
5. Click the down arrow to close the **Student Locker**.

**1**

DASHBOARD PRESENT STUDENT PREVIEW AB

Math & YOU: Grade 6 > Chapter 6: Equations > Lesson 6.2: Solving Equations Using Addition or Subtraction > Example 3: Solving Equations Using Subtraction

Example 3: Solving Equations Using Subtraction

a. Solve  $x + 2 = 9$ .

Undo the addition.  $x + 2 = 9$   
 $-2 \quad -2$   
 $x = 7$

Write the equation.  
Subtraction Property of Equality  
Simplify.

Check  
 $x + 2 = 9$   
 $7 + 2 = 9$

The solution is  $x = 7$ .

b. Solve  $26 = 11 + x$ .

**2**

Math & YOU: Grade 6 > Chapter 6: Equations > Lesson 6.2: Solving Equations Using Addition or Subtraction > Example 1: Checking Solutions

Assignments Course Menu

Name	Type	Start $t_1$	Due $t_2$	Not Started	Completed	Graded	Actions
Practice: Writing Expressions	Pre-check + Self-assessment	07-17-24 11:53 AM	07-18-24 12:00 PM	1 of 1	0 of 1	0 of 0	...
Lesson 5.2: Writing Expressions							
Practice: Solving Equations Using Addition or Subtraction	Pre-check + Self-assessment	07-17-24 1:13 PM	07-18-24 1:20 PM	1 of 1	0 of 1	0 of 0	...

**3**

Math & YOU: Grade 6 > Chapter 6: Equations > Lesson 6.2: Solving Equations Using Addition or Subtraction > Example 1: Checking Solutions

Chapter 6: Equations

Lesson 6.2: Solving Equations Using Addition or Subtraction

Warm-Up Investigate Example 1: Checking Solutions Key Concept

Example 2: Solving Equations Using Addition Example 3: Solving Equations Using Subtraction Example 4: Connecting to Data Example 5: Connecting to Real Life

Practice Tier 1 Support Tier 2 Support Tier 3 Support

Student Edition PDF

**4**

Math & YOU: Grade 6 > Chapter 6: Equations > Lesson 6.2: Solving Equations Using Addition or Subtraction > Example 1: Checking Solutions

Assignments Course Menu

Now Upcoming Past Due Done

Name	Type	Start $t_1$	Due $t_2$	Not Started	Completed	Graded	Actions
Practice: Writing Expressions	Pre-check + Self-assessment	07-17-24 11:53 AM	07-18-24 12:00 PM	1 of 1	0 of 1	0 of 0	...
Lesson 5.2: Writing Expressions							
Practice: Solving Equations Using Addition or Subtraction	Pre-check + Self-assessment	07-17-24 1:13 PM	07-18-24 1:20 PM	1 of 1	0 of 1	0 of 0	...

**5**

## Customize Lessons

ada has been designed to streamline the planning process, making it quick and effortless with all the necessary tools conveniently accessible.

1. Choose any chapter and/or lesson from the **Learning Path**.
2. All available content appears in the main view, including digital interactive content and printable PDFs for students as well as all teacher-only resources.
3. **Practice** and **Assessments** are also available at point of use in the Learning Path, but **Assessments** are only visible to teachers until assigned.
4. Toggle content on or off for students using **Student View**. This allows the resource to appear as students navigate through content during **Free Exploration** and in the **Student Locker**.
5. Toggle content on or off for facilitating lessons using **Present View**.
6. **Free Exploration** assignments are part of the **Lesson Progress Report**. (See page 18.)
7. Customize the sequence of content by dragging and dropping collapsed content into different orders or by clicking the three dots and selecting **Move Up** or **Move Down**.

The screenshot displays the Big Ideas Learning interface for customizing lessons. It features a sidebar on the left with a 'Learning Path' section (1) and a 'PROGRESS REPORT' section (6). The main content area shows a list of lesson items (2) with toggle switches for 'Present View' (5) and 'Student View' (4). A detailed view of a lesson item (7) is shown below, highlighting the 'Warm Up: Multiply by Multiples of 10' item and its associated PDF. A context menu is open over the PDF, showing 'MOVE UP' and 'MOVE DOWN' options. A green box highlights the three-dot menu icon in the top right corner of the PDF viewer.



## Course Resources

**Course Resources** include resources for teachers that are not directly connected to the **Learning Path**. This includes the Teaching Edition, Pacing Guide, Formative Assessment Tips, Language Routines, and more.

1. From the **Learning Path** in **Plan** mode, select **Course Resources**.
2. Expand content using the arrows.
3. Select the content you want to use or view.

The screenshot displays the Big Ideas Learning interface for 'AGA 2025: Geometry'. The top navigation bar includes 'DASHBOARD', 'PRESENT', 'STUDENT PREVIEW', and 'AB'. The left sidebar shows the 'Learning Path' with 'Course Resources' selected, indicated by a green circle '1'. The main content area is titled 'AGA 2025: Geometry > Course Resources'. It features a 'Geometry Teaching Edition' section with two book covers: 'Geometry -- Instructional Guide' and 'Geometry -- Answer Guide', both by Ron Larson, Paul Battaglia, and India White. A green circle '2' points to the expandable arrow on the left of the 'Geometry Teaching Edition' header, and a green circle '3' points to the book covers. Below the book covers is a 'COLLAPSE' button. Further down, there are sections for 'Pacing Guide PDF' and 'Math Practice Connections to Social and Emotional Learning PDF', each with a 'Present View' button and a three-dot menu icon. The bottom right corner shows a copyright notice: '© 2024 Big Ideas Learning, LLC'.

## Resources

All chapter and lesson printable and digital **Resources** are embedded at point of use within the **Learning Path**. (See page 11.) Knowing the options teachers can use with their class right in the moment simplifies planning and reduces time.

Resources include:

- Alternate Assessments
- Answer Presentation Tool
- Author Insight Videos
- Big Idea of the Chapter
- Big Idea of the Chapter Videos (K–5)
- Career Explorations Videos
- Chapter Tests with Practice
- Concepts and Tools Videos (K–8)
- Connecting Big Ideas
- Correlations
- Diagnostic Adaptive Progression
- Differentiating the Lesson
- Dig In
- Digital Examples
- End of Course Test with Practice
- English Learner Support
- Everyday Connections Videos
- Family Letters
- Games
- Getting Ready for the Chapter (6–12)
- Graphic Organizers
- In-Class Practice
- India’s Equity Videos
- India’s Notes
- Instructional Resources (K–5)
- Interactive Investigations
- Laurie’s Notes
- Lesson Dig Deeper
- Lesson Extra Practice
- Lesson Plans
- Math Tool Paper
- Mid-Chapter Tests with Practice
- Multi-Chapter Tests with Practice
- Multi-Language Glossary
- Newton and Descartes’s Math Musicals (K–5)
- Nick’s Notes
- Pacing Guides
- Pedagogical Approach Videos
- Performance Tasks
- Practice
- Self-Assessments
- Skill Builder
- Skill Foundations
- Skills Trainer
- Standards-Based Practice
- STEAM/STEM Videos (3–12)
- STEAM Video Performance Tasks (3–12)
- Student Edition
- Teaching Edition (K–8)
- Teaching Edition: Instructional Guide (9–12)
- Teaching Edition: Answer Guide (9–12)
- Vocabulary Flash Cards
- Warm-Ups
- Worked-Out Solutions Keys (3–12)

# PRACTICE, ASSESSMENT, AND REPORTS

## Lesson Progress Report

The **Progress Report** provides teachers with a powerful tool through formative data on students' progress within a lesson. As students complete lesson content, teachers can view data for the entire lesson or individual components of the lesson. Each table provides teachers with information to make data-driven instructional decisions.

1. From **Plan** mode, find the **Progress Report** for any lesson at the top of the lesson contents within the Learning Path.
2. The summary Progress Report shows the entire lesson. It defaults to **All**, but teachers can choose a specific lesson component as well. The data that populates will relate to the selected activity or activities.
3. The **Proficiency** chart shows the number of students at each proficiency level on the entire lesson or the selected lesson component.
4. Use the **All Students** table to see each student's proficiency level at a quick glance.
5. Monitor student progress of the entire lesson in the **All Sections**, where teachers will see the percent of questions answered correctly, how many items were answered out of the total for that activity, and how many students completed the activity.

The screenshot displays the Progress Report for Lesson 2.4: Add Three Numbers. The interface includes a sidebar with lesson components, a main report area with a section selector, a proficiency chart, an 'All Students' table, and an 'All Sections' table. Red circles highlight key features: 1. Progress Report link in sidebar, 2. Section selector dropdown, 3. Proficiency chart, 4. All Students table, and 5. All Sections table.

Section	% Correct
All	58%

Proficiency Level	Percentage	Count
Emerging Students	29%	2/7
Proficient Students	14%	1/7
Advanced Students	0%	0/7

Activity Name	% Correct	Items Answered	Students who Answered
Key Concept In-Class Practice: Add Three Numbers	71%	14	2
Key Concept In Class Practice Reasoning - Add Three Numbers	50%	20	2
Practice: Add Three Numbers	57%	30	3

## Lesson Progress Report, cont.

Teachers can also drill down further in the **Progress Report** to see performance data on specific questions as well as how students answered each question.

1. From **All Sections** in the Progress Report, select a specific **Activity**. All reported data is now about the selected Activity.
2. To view how students answered specific questions, choose a question from the **Exercise Name list**.
3. Scroll through the answers to see each student's response.
4. Use the Exercise drop-down to switch to view students' responses to another question.
5. At any point, click **Refresh** to get the most up-to-date data as students are completing lesson content.

The screenshots illustrate the following steps:

- Step 1:** The 'All Sections' table in the first screenshot shows the following data:
 

Activity Name	% Correct	Items Answered	Students who Answered
Key Concept In-Class Practice: Add Three Numbers	50%	14	2
Key Concept In-Class Practice Reasoning - Add Three Numbers	50%	20	2
- Step 2:** The second screenshot shows the 'Key Concept In-Class Practice: Add Three Numbers' activity selected. The table below shows the exercise details:
 

Exercise Name	% Correct	Students who Answered
Choose two numbers from $7 + 3 + 4$ to add first. Write their sum.	50%	2
Choose two numbers from $1 + 5 + 3$ to add first. Write their sum.	100%	2
Choose two numbers from $9 + 4 + 4$ to add first. Write their sum.	50%	2
Choose two numbers from $5 + 2 + 5$ to add first. Write their sum.	100%	2
Choose two numbers from $5 + 2 + 8$ to add first. Write their sum.	100%	2
- Step 3:** The third screenshot shows the exercise details for the question: 'Choose two numbers from  $7 + 3 + 4$  to add first. Write their sum.' The student response is shown as:
 
$$7 + 3 + 4 = 14$$

## Understand Assignments

All **Practice** and **Assessments** from throughout the year are collected in the **Assignments** tab on the **Dashboard**.

1. From **Plan** mode, select **Dashboard**.
2. Select **Assignments**. This provides access to all assignments for the class in three categories.
3. **Now** assignments are current, active assignments. **Upcoming** are scheduled assignments that students cannot access yet. **Past** assignments are any assignments that are completed or are past the due date.
4. Select the **three dots** on any assignment to edit or grade the assignment, as well as provide feedback to students, view student self-assessment data, or remove (delete) the assignment.

The image shows a sequence of screenshots from a software interface. Callout 1 points to the 'DASHBOARD' button in the top navigation bar. Callout 2 points to the 'Assignments' tab in the top navigation bar. Callout 3 points to the 'Now' tab in the 'Assignments' modal. Callout 4 points to the 'three dots' menu icon next to an assignment in the 'Now' tab.

**Recent Assignments Table:**

Name	Start Date	End Date	Mean Score %	Turned in %	
In Class Practice 3	07-22-22	07-23-22	75	50	il
	07-22-22	07-23-22	50	100	il
	07-22-22	07-23-22	100	75	il
	09-22-22	09-23-22	0	0	
	09-22-22	09-23-22	0	0	

**Assignments Modal - Now Tab Table:**

Name	Type	Start t <sub>1</sub>	Due ↑	Not Started	Completed	Graded	Actions
6.1 Warm Up Lesson 6.1: Understand Area	Pre-check + Self-assessment	06-09-23 12:00 PM	06-10-23 12:00 PM	4 of 4	0 of 4		...
Student Assignment Lesson 1.1: Use Equal Groups to Multiply Description - Please do this assignment	Pre-check + Self-assessment	06-05-23 2:20 PM	06-28-23 2:20 PM	4 of 4			

**Assignments Modal - Now Tab - Action Menu:**

- EDIT
- GRADE AND COMMENT
- VIEW SELF-ASSESSMENT
- REMOVE

## Assign Content to Students or Groups

Any of the content from the **Learning Path** can be digitally assigned to students. Completion of these assignments generates reports for teachers to make data-driven decisions.

1. From **Plan** mode, select the **three dots** on a piece of content, and click **Assign**.
2. **Specify Details** for the assignment: name the assignment, provide a description of the assignment (optional), enter the start date and time (when the assignment becomes available to students), and the due date and time.
3. Select **Practice** or **Scored**. You can also **Enable Student Self-Assessment**, so students can still provide feedback to teachers on their level of understanding upon completion. You will also see the option to **Reset Answers** from any free exploration the students have done. Click **Next**.
4. **Select Assignees** for the assignment. Teachers can select **Individual Students** or **Groups**. From Individual Students, teachers can select the entire class, a few students, or an individual student to receive the assignment. From **Groups**, teachers can select the group(s) or students within the group to receive the assignment. Click **Assign**.
5. A small yellow star appears with the content as a reminder that an assignment was created.

The image displays four screenshots from the Big Ideas Learning interface, illustrating the steps to assign content:

- Step 1:** A screenshot of the 'Practice: Writing Expressions' content page. A three-dot menu is visible, and the 'ASSIGN' button is highlighted.
- Step 2:** A screenshot of the 'Create Assignment - Specify Details' dialog box. Fields for 'Name', 'Description', 'Start Date and Time', and 'Due Date and Time' are shown. The 'Assignment Mode' section has 'Practice' selected, and 'Enable Student Self-Assessment' is checked.
- Step 3:** A screenshot of the 'Create Assignment - Select Assignees' dialog box. The 'Groups' option is selected, and a list of students is visible.
- Step 4:** A screenshot of the 'Practice: Writing Expressions' content page. A yellow star icon is visible next to the content title, indicating it has been assigned.

## Standards-Based Practice

On **ada**, Standards-Based Practice offers students the opportunity to practice questions commonly found on high-stakes tests, aligning with the full intent of the standards.

1. From the **Learning Path** in **Plan** mode, select **Standards-Based Practice**.
2. Use the arrows to expand or collapse content by standard.
3. Preview the content on the main screen by selecting any of the numbered questions or using the arrows. Note that **PDFs** of the Standards-Based Practice are also available to download or use in **Present** mode.
4. As with other content, toggle the content for Present View, Student View, or use the **three dots** to **Assign** to students. (See page 21.)

The screenshot displays the Big Ideas Learning interface for C&C Geometry - AGA 2025: Geometry. The interface is divided into a left sidebar and a main content area. The sidebar, labeled 'Learning Path', contains a list of course resources and chapters. A green circle with the number '1' highlights the 'Standards-Based Practice' option in the sidebar. The main content area shows a list of standards-based practice items. A green circle with the number '2' highlights the expand/collapse arrows next to the items. The first item is 'Congruence: Know Definitions of Geometric Figures', and the second is 'Congruence: Know Definitions of Geometric Figures PDF'. A green circle with the number '3' highlights the main content area, which displays a question: '1 Describe a single transformation that maps  $\triangle ABC$  onto  $\triangle DEF$ .' Below the question is a coordinate plane with two triangles,  $\triangle ABC$  and  $\triangle DEF$ , and a list of four options: a. dilation, b. vertical translation, c. a reflection in the  $x$ -axis, and d. a reflection in the  $y$ -axis. A green circle with the number '4' highlights the 'Present View' and 'Student View' toggle buttons and the three-dot menu icon for each item. At the bottom of the main content area, there is a navigation bar with numbered buttons from 1 to 7, and a green circle with the number '3' highlights the button '1'.

## Assessments

On **ada**, assessments are provided at point of use in the **Learning Path**, making it easy to develop assessments and assign them all at the same time. All assessments also come with a practice version to help students prepare for the assessment.

1. From **Plan** mode, use the **Learning Path** to find the **Mid-Chapter** or **Chapter Assessments**. Note that Assessments can be previewed during **Plan** mode but are not visible to students until they are assigned. When assigned, Assessments are visible in Present mode for review upon completion.
2. Select the assessment name.
3. Scroll through the questions to preview the assessment and the correct answers.
4. Click **Done** when finished.
5. **Assign** the assessment by selecting the **three dots**. (See page 21.)

The composite image illustrates the steps to assign an assessment in the Big Ideas Learning platform. It consists of four overlapping screenshots:

- Screenshot 1:** The left sidebar menu is shown with 'Chapter Assessments' highlighted. A green circle with the number '1' is next to it.
- Screenshot 2:** The 'Chapter Assessments' list is displayed. The 'Grade 3 Chapter 6 Chapter Practice Test' is selected, indicated by a green box and a green circle with the number '2'.
- Screenshot 3:** The 'Grade 3 Chapter 6 Chapter Practice Test' content is shown, featuring a grid problem. A green circle with the number '3' is next to the title.
- Screenshot 4:** The 'Assign' menu is open for the 'Grade 3 Chapter 6 Chapter Practice Test'. The 'ASSIGN' option is highlighted with a green circle and the number '5'.

A 'DONE' button is visible in the bottom right of the third screenshot, with a green circle and the number '4' next to it.



## Customize Assessments: Properties and Content

Teachers can customize assessments to support differing student needs.

1. From **Plan** mode, use the **Learning Path** to find the **Mid-Chapter** or **Chapter Assessments**.
2. On the assessment name, select the **three dots**, and choose **Copy and Edit**.
3. Customize the **Assessment Properties**, **Assessment Content**, and **Score and Properties**.
4. Customization of **Assessment Properties** includes the Assessment Name, Description, Instructions, Subject, Strand, Grades, Keywords, and Suggested Duration.
5. Customization of **Assessment Content** includes changing the order by dragging and dropping from the **eight dots**, removing a question by the **x**, or adding your own item.

The image consists of three overlapping screenshots from the Big Ideas Learning platform, illustrating the steps to customize an assessment. The first screenshot shows the 'Learning Path' on the left sidebar, with 'Chapter Tests' highlighted (1). The main content area shows a list of assessments: 'Chapter Practice Test', 'Algebra 1 Chapter 5 Chapter Test', and 'Alternate Assessment PDF'. A dropdown menu is open for the 'Algebra 1 Chapter 5 Chapter Test', showing options like 'ASSIGN', 'COPY AND EDIT', 'MOVE UP', and 'MOVE DOWN' (2). The second screenshot shows the 'Edit Assessment' screen for 'Copy of Chapter Test'. It has tabs for 'Assessment Properties', 'Assessment Content', and 'Set Score and Properties' (3). The 'Assessment Properties' tab is active, showing fields for 'Assessment Name' (containing 'Copy of Chapter Test'), 'Assessment Description' (containing 'Chapter Test'), and 'Assessment Instructions' (containing 'Read each question carefully and answer all questions. Some questions have more than one part, answer all parts of all questions.') (4). The third screenshot shows the 'Assessment Content' section (5), which is a list of math problems. Each problem has an eight-dot menu for reordering and an 'x' icon for removal. The problems include: 'Complete the following. ID: 104675', 'Solve the system by substitution.  $y = 6x - 5$ ,  $7x - 3y = -7$  Solution: [Token] ID: 104706', 'Solve the system by elimination.  $3x - 2y = -4$ ,  $15x - 2y = 20$  Solution: [Token] ID: 104727', 'Determine the number of solutions of the system.  $3x - 4y = 4$ ,  $9x - 12y = 12$  ID: 104769', 'Complete the following. ID: 104789', and 'Identify the graph of  $y < -\frac{1}{3}x - 2$ '.

## Customize Assessments: Add Item

One way teachers can customize assessments is to add their own items.

1. From the **Customize Assessment Content** screen referenced above, choose **Add Item**.
2. Choose the set of standards and the grade level. Then select **Load Standards**. Note you can also search by **Course, Chapter, and Lesson**.
3. Select the entire set of standards or choose one or more smaller selections within those standards. Then click **Search**.
4. Use **More Filters** to narrow the bank of items based on Grade, Subject, Difficulty Level, Language, Depth of Knowledge, and Question Type.
5. Use the **arrows** to expand the questions to preview them. Use the **check box** to select questions and then click **Add Items**.

The collage consists of four overlapping screenshots from the Big Ideas Learning assessment tool interface:

- Screenshot 1 (top left):** Shows the 'Edit Assessment' screen. The 'Assessment Content' tab is active. A green circle labeled '1' highlights the 'ADD ITEM' button.
- Screenshot 2 (top right):** Shows the 'Search By' dialog. The 'State Standards' radio button is selected. A green circle labeled '2' highlights the 'LOAD STANDARDS' button.
- Screenshot 3 (middle left):** Shows the 'Selected Standards' dialog. The 'Common Core State Standards' are selected. A green circle labeled '3' highlights the 'SEARCH' button.
- Screenshot 4 (bottom right):** Shows the 'Question Library' screen. A green circle labeled '4' highlights the 'MORE FILTERS' button. A green circle labeled '5' highlights the 'ADD ITEM (2)' button. A question is expanded, showing a math problem and multiple-choice options.

## Customize Assessments: Set Score and Properties

Once teachers have finished adding and removing exercises, they can customize how the assessment is presented and scored, including changing the point value for each exercise.

1. **Score and Properties** allows you to edit Properties, Global Scoring, and individual item scoring.
2. **Properties** include a split screen, randomize questions, and randomize answer choices.
3. **Global Scoring** includes points for each question and how to score the different item types. Be sure to click **Apply** when finished.
4. After **Global Scoring**, you will see the individual items that can be edited by type or points.
5. When finished, select **Save and Publish** to be able to assign the assessment. You can also **Discard** your edits or **Save as Draft** to continue editing later.

The screenshot shows the 'Edit Assessment' interface. At the top, there are buttons for 'DISCARD', 'SAVE AS DRAFT', and 'SAVE & PUBLISH'. Below that, a progress bar shows three steps: 'Assessment Properties', 'Assessment Content', and 'Set Score and Properties'. The 'Set Score and Properties' step is highlighted with a green circle '1'. Below the progress bar, there are sections for 'Properties' (with a green circle '2') and 'Set Global Scoring Rules (Optional)' (with a green circle '3'). The 'Properties' section has checkboxes for 'Split screen for stimuli based questions', 'Randomize questions', and 'Randomize options'. The 'Set Global Scoring Rules' section has a 'Points to be awarded' field set to '1'. At the bottom, there are 'RESET' and 'APPLY' buttons. A green arrow points from the 'APPLY' button to the 'Set Global Scoring Rules' section. In the top right corner, there are buttons for 'DISCARD', 'SAVE AS DRAFT', and 'SAVE & PUBLISH', with a green circle '5' above them. A 'CHECK FOR ERRORS' button is also visible. Below the main interface, a list of assessment items is shown, with a green circle '4' highlighting the 'Edit Scoring Type' button for the first item.

## Grade and Comment

Teachers can provide feedback to students using the **Comments** on an assignment. Comments can be sent to students on the overall assignment or on individual questions, providing students with the targeted, point-of-use feedback needed.

1. From **Plan** mode, select the **down arrow** in the navigation bar.
2. Choose **Grade and Comment**.
3. Select **By Content**, then choose the **class** and **course**. The **Assignment** radio button is pre-selected. Then select the **Assignment** to open for comments.
4. Click **Show Results** to display the question details.
5. Click on the **Actions** icon for any question.
6. Select **Add General Comment** to add a comment to the entire assignment or scroll to the comment box beneath each question to add question-specific comments. Be sure to click **Save** once the comment is entered!

The screenshots illustrate the following steps:

1. The top navigation bar with a dropdown arrow (1).
2. The dropdown menu with 'GRADE AND COMMENT' selected (2).
3. The 'Grade and Comment' filter screen with 'By Content' selected, 'Math & YOU: Grade 3' chosen, and 'Assignment' selected (3).
4. The 'SHOW RESULTS' button on the filter screen (4).
5. The 'SHOW RESULTS' button on the question details screen (5).
6. The 'ADD GENERAL COMMENT' button on the question details screen (6).

## Practice and Assessment Reports

When students complete assignments, data is populated in the **Item Analysis Report**. Reports include a summary of the assignment, a report by question, and a report by student.

1. Select the profile icon in the top right.
2. Select **Item Analysis Report**.
3. Choose your **Course**, **Class**, and **Assignment** from the drop-down menus, and click **Go**.
4. A summary of the details is provided at the top, including how many students have attempted the assignment from the class, the total number of questions in the assignment, and how many of those questions are system-graded versus those that need to be manually graded by the teacher.

The first screenshot shows the main interface with a profile icon in the top right corner, circled with a green '1'. A dropdown menu is open, showing options like 'PROFILE', 'COURSES', 'MANAGE CLASSES', 'MANAGE STUDENTS', 'GRADE AND COMMENT', 'GRADEBOOK', 'ITEM ANALYSIS REPORT', and 'LOGOUT'. The 'ITEM ANALYSIS REPORT' option is circled with a green '2'. The background shows a 'Grade 2 Prerequisite Skills Test PDF' with math problems: '1. Use mental math. 59 - 10 = \_\_\_', '2. 9 + 4 = \_\_\_', '3. 46 + 37 = \_\_\_', and '4. \_\_\_'. A green '3' is placed over the '4.' in the problem list.

The second screenshot shows the 'Item Analysis Report' page. It has dropdown menus for 'Course\*' (Math & YOU: Grade 2), 'Class\*' (G2 Math Class), and 'Assignment\*' (G2 Math Class 1.1 Practice). A 'GO' button is visible. A dropdown menu for 'Assignment\*' is open, showing 'Chapter Practice: Repeated Addition...' and 'G2 Math Class 1.1 Practice'. Below the filters, it says 'Select filters and the GO button to load the report.'

The third screenshot shows the 'Item Analysis Report' page with the filters set to 'Course\*: Math & YOU: Grade 2', 'Class\*: G2 Math Class', and 'Assignment\*: G2 Math Class 1.1 Practice'. A 'GO' button is present. Below the filters, a summary box shows '4' (circled in green) for '1 out of 1 Student has attempted' and '10 | 0 Questions' (System Graded | Teacher Graded).

The fourth screenshot shows the 'Item Analysis Report' page with the summary box. Below the summary, there are two buttons: 'By Question' and 'By Student'. A search bar at the bottom says 'Search using question name'.

## Practice and Assessment Reports, cont.

Two reports are available, By Question and By Student. These detailed reports for individual assignments allow teachers to make data-driven decisions to accelerate learning.

1. The report lands on the **By Question** report tab.
2. View details for each question: question type, average time spent, average score, and the percentage of students who answered correctly, incorrectly, partially correct, or skipped it.
3. The **By Student** report tab shows specific students in the class and their responses to the assignment.
4. Click on the **eye** icon to view a student's specific responses.

The screenshot shows the 'By Question' report tab. At the top, there are filters for Course\* (Math & YOU: Grade 2), Class\* (G2 Math Class), and Assignment\* (G2 Math Class 1.1 Practice). Below these filters is a 'GO' button. The main content area displays '1 out of 1 Student has attempted' and '10 | 0 Questions System Graded | Teacher Graded'. A search bar is present with the text 'Search using question name'. Below the search bar is a legend for question status: Correct (green), Incorrect (red), Partially Correct (blue), Attempted (yellow), and Skipped (grey). A table follows with columns: Question, Type, Average Time Spent, Average Score, Correct, Incorrect, Partially Correct, Skipped, and Response summary. The table contains five rows of questions, each with a corresponding colored circle in the 'Response summary' column. A green circle with the number '1' is overlaid on the 'By Question' tab, and a green circle with the number '2' is overlaid on the table.

Question	Type	Average Time Spent	Average Score	Correct	Incorrect	Partially Correct	Skipped	Response summary
Is the number of objects even or odd? [image]	Single Select System Graded	NA	100%	100%	0%	NA	0%	Green circle
Is the number of objects even or odd? [image]	Single Select System Graded	NA	100%	100%	0%	NA	0%	Green circle
Is 13 even or odd?	Single Select System Graded	NA	0%	0%	100%	NA	0%	Red circle
Is 16 even or odd?	Single Select System Graded	NA	100%	100%	0%	NA	0%	Green circle
Is 18 even or odd?	Single Select System Graded	NA	0%	0%	100%	NA	0%	Red circle

The screenshot shows the 'By Student' report tab. It has the same filters and 'GO' button as the 'By Question' tab. The main content area displays '1 out of 1 Student has attempted' and '10 | 0 Questions System Graded | Teacher Graded'. Below this is a search bar with the text 'Search using student name or username'. There is a checkbox for 'Show only students that have submitted the assignment'. Below the search bar is a table with columns: Name, View Responses and Feedback, and a status indicator. The table contains one row for 'Chris Toothman'. A green circle with the number '3' is overlaid on the 'By Student' tab, and a green circle with the number '4' is overlaid on the 'View Responses and Feedback' icon.

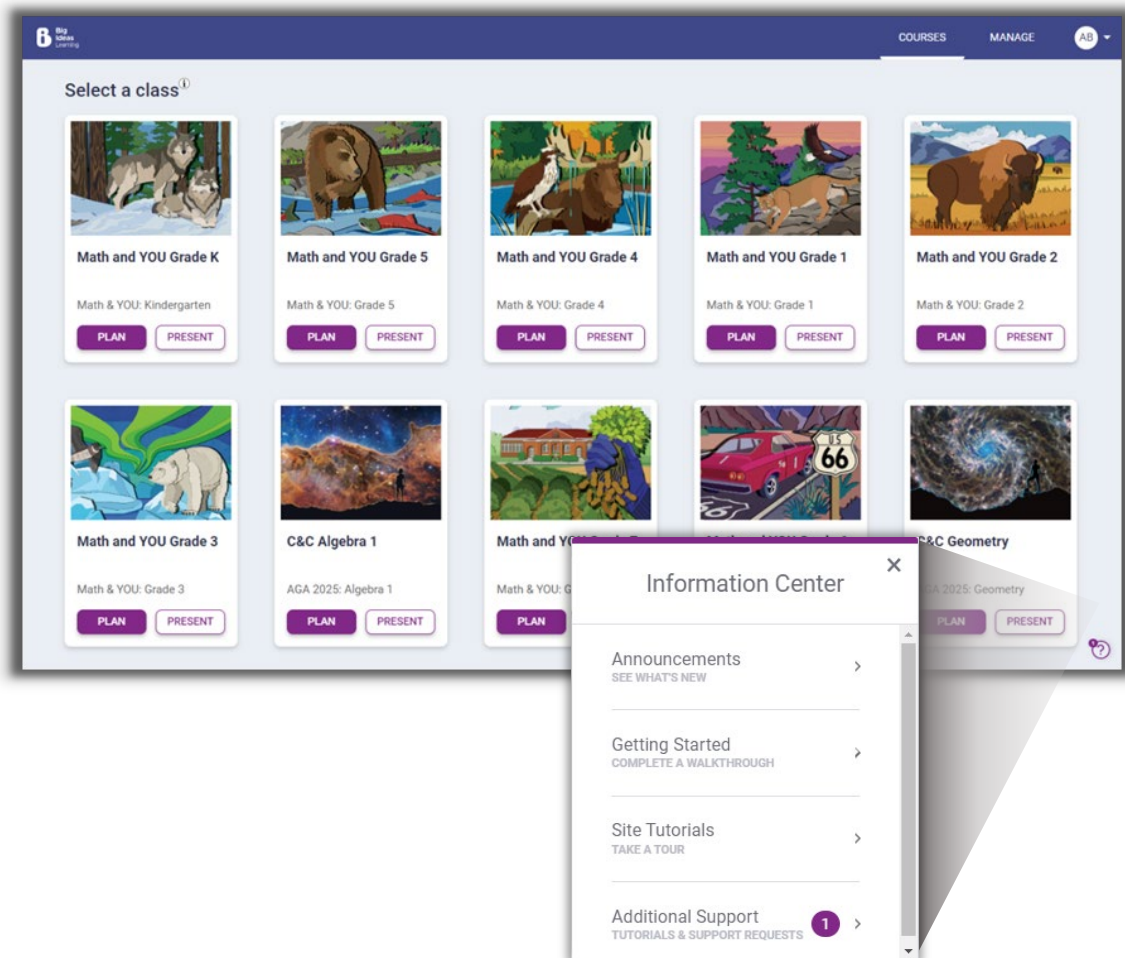
Name	View Responses and Feedback	Status
Chris Toothman	Eye icon	1 - 1 of 1

## SUPPORT OPTIONS

### Support

Visit the **Information Center** in the bottom-right corner for announcements, details on new features, a complete walkthrough of **ada**, a variety of tutorials, and even submit a support ticket!

For additional information on available resources and training documentation, please visit [support.myadamath.com](https://support.myadamath.com), our official digital experience support website.



Have questions? We are here to help! Find your rep at [NGL.Cengage.com/RepFinder](https://NGL.Cengage.com/RepFinder)

