ZEARN

Math Tutoring with Zearn Program Guide

Zearn offers complete math tutoring content with a mix of hands-on problem solving and immersive digital learning that reinforces concepts learned in the classroom and doubles down on math learning.

ZEARN

Zearn Math is the top-rated online math learning platform that is built to help all kids be math kids.
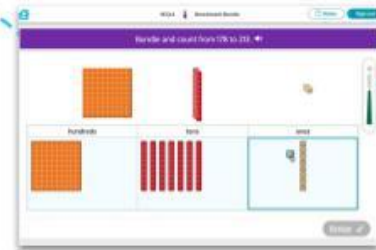
Zearn offers complete math tutoring content that accelerates math learning with a mix of hands-on problem solving and immersive digital learning.

Kids engage in rich math discussions with their tutor, exploring different ways to solve word problems.

Kids log in to Zearn and complete interactive digital lessons where they learn new grade-level concepts.

Math Magic! An embedded daily diagnostic assesses understanding and automatically launches just-in-time support when kids need it.

Program Materials include:

Top-rated instructional materials for every day of tutoring	
Digital math lessons covering every objective of K-8 math	✔
Just-in-time support & built-in Tier 1 intervention in all digital lessons	✔
Embedded daily digital diagnostic in every digital math lesson	✔
Daily instructional materials for tutors (in Spanish, too!)	✔

Resources to support tutors in creating meaningful student engagement	
On-demand PD to review instructional strategies	✔
Tutor guides (schedules, checklist, and more)	✔

Real-time data visibility	
Detailed reporting for each student including where students need support	✔
School & district-wide reports with progress across tutoring sessions	✔

Program Materials

Zearn is a top-rated program designed to help all students catch up *and* move forward.
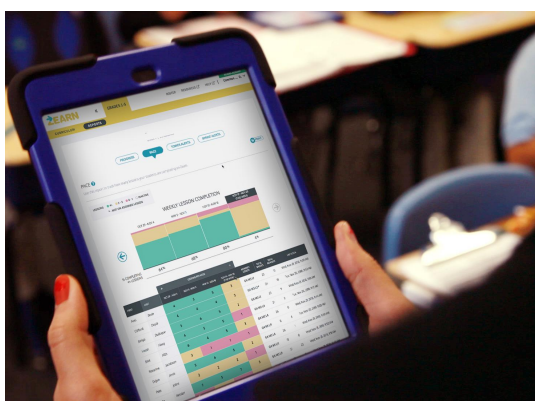
Digital lessons with just-in-time support

Zearn digital math lessons offer a consistent structure of learning activities, designed to accelerate learning by integrating unfinished learning into the context of new learning. Students explore new concepts with real on-screen teachers, interactive problem solving, and guided paper-and-pencil Student Notes. Check out a digital lesson in action in this **short video.**

Flexible Materials for hands-on problem solving

Flexible instructional materials support tutors with facilitating lively math discussions where students explore different ways to solve problems, unlocking creativity and joy with math. Tutors are supported through on-demand PD to review instructional strategies.
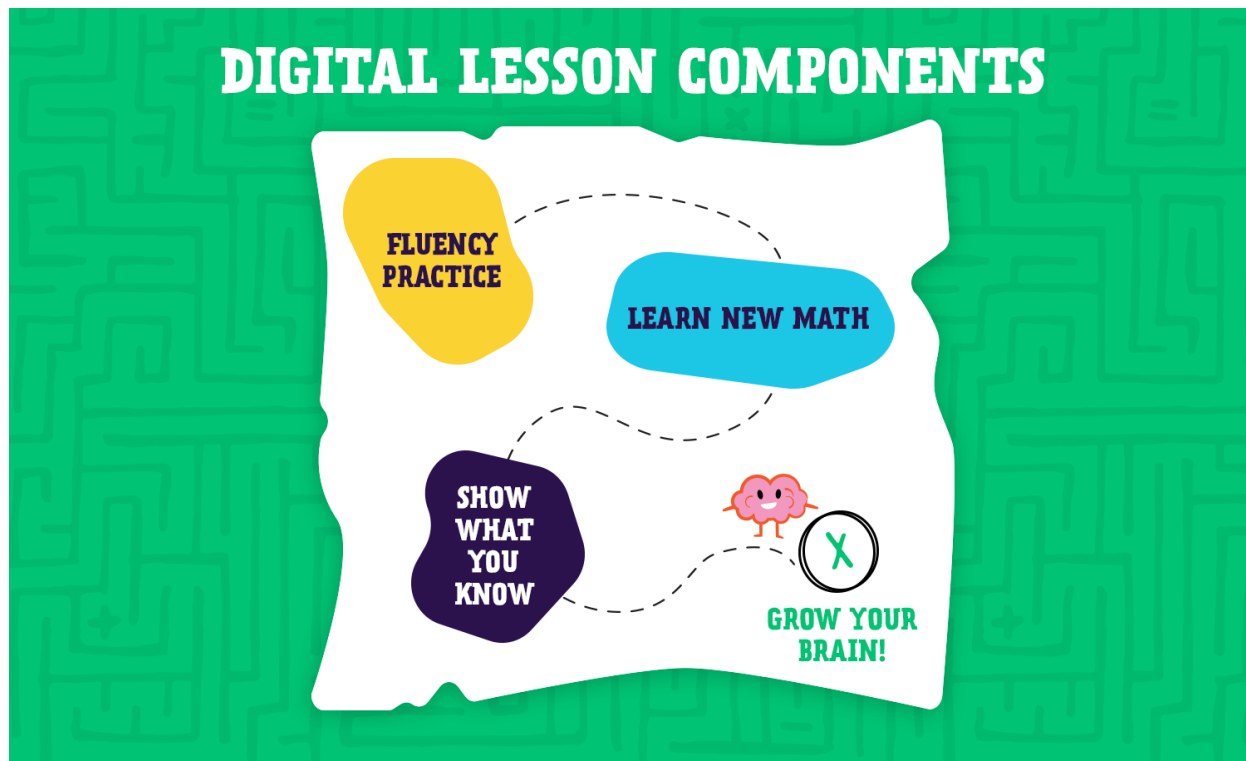
Real-time reports on student learning

Student-specific reports provide visibility into student learning and where students need additional support to move forward in their learning. Depending on the setup of your tutoring program, administrators and teachers can also see reports from tutoring sessions to monitor productivity and progress in math learning.

Digital Lesson Components

Zearn digital math lessons offer a consistent structure of learning activities, designed to accelerate learning by integrating unfinished learning into the context of new learning.

Fluency practice	**Number Gym** is a fluency experience that helps students in G1-5 build foundational number sense. After Number Gym, all students in G1-8 complete **Lesson-Aligned Fluencies** that develop procedural fluency and prepare students for new content.
Learn new math	After fluency practice, students learn new concepts during **Guided Practice** activities. Each activity explores new concepts with real on-screen teachers, interactive digital manipulatives, and pause points where students stop and do math. Throughout each activity, students are prompted to complete guided paper-and-pencil **Student Notes**.
Show what you know	Students demonstrate their understanding of the lesson in Zearn's **Tower of Power**, an embedded daily diagnostic that assesses understanding and automatically launches just-in-time support when students need it. After students complete a Tower of Power, they earn a digital **Badge** and automatically progress to the next lesson.

Preview a digital lesson! Check out a digital lesson in action in this **short video.**

Placing students with Zearn

Zearn connects unfinished learning into the context of new, grade-level learning so all students make connections and accelerate.

Technology designed for learning acceleration through daily diagnostics and just-in-time support that responds to evolving learning needs.

With Zearn, all students have the opportunity to engage with grade-level content with context and friendly on-ramps that activate prior learning. Each digital lesson includes an embedded daily diagnostic that assesses understanding and automatically launches just-in-time support.

Getting started with grade level concepts through embedded support and scaffolding needed from prior grades or units.

When starting Zearn at the beginning of the school year, all students should be placed at the first digital lesson of their grade. When starting tutoring mid-year, we recommend starting students on the first lesson of the mission, or module, that best aligns to what they are learning in their core math instruction. As students work through the digital lesson sequence at their own pace, an embedded daily diagnostic assesses understanding and automatically launches just-in-time support.

Catching up and Moving Forward: Research in support of learning acceleration

Research using data from over 600,00 individual elementary- and middle-school students across all 50 states shows that when a struggling student consistently engaged in grade-level learning and received just-in-time, coherent support (learning acceleration), they completed twice as many grade-level lessons and struggled less than when they engaged in below grade-level skill building (remediation). Put simply, this research shows that connecting unfinished learning into the context of new, grade-level learning allows all students to make connections and accelerate at scale. **Read the Study**

✔️ For Tutors: Sample Schedule

To maximize impact, students should complete at least 3 grade-level digital lessons each week.

Example Tutoring Schedule

45-60 minute sessions | 3x weekly

Problem Solving 10-15 minutes	Tutors open each session with problem solving using flexible instructional materials from Zearn (i.e., fluency activities or word problems). Tutors facilitate math discussions where students explore different ways to solve problems and discuss their thinking aloud with their tutor and peers.
Digital Lessons 30-40 minutes	Students log in to Zearn's online math platform and complete interactive digital lessons. Students work at their own pace, automatically progressing as they complete activities. If they don't finish a lesson in one session, that's ok! They begin where they left off the next time they log in.
Session Closing 5 minutes	Tutors prompt students to reflect on the session and what they've learned.

Example Tutoring Schedule B

30 minute sessions | 4-5x weekly

2 days each week

Problem Solving 10-15 minutes	Tutors open each session with problem solving using flexible instructional materials from Zearn (i.e., fluency activities or word problems). Tutors facilitate math discussions where students explore different ways to solve problems and discuss their thinking aloud with their tutor and peers.
Digital Lessons 10-15 minutes	Students log in to Zearn's online math platform and complete interactive digital lessons. Students work at their own pace, automatically progressing as they complete activities. If they don't finish a lesson in one session, that's ok! They begin where they left off the next time they log in.
Session Closing 5 minutes	Tutors prompt students to reflect on the session and what they've learned.

Optional: 2 days a week

Digital Lessons 30 minutes	Students log in to Zearn's online math platform and complete interactive digital lessons. Students work at their own pace, automatically progressing as they complete activities. If they don't finish a lesson in one session, that's ok! They begin where they left off the next time they log in.

✔️ For Tutors: Getting Started Checklist

1 Get to know Zearn

- ☐ Engage in a few Digital Lessons from your grade level. Consider watching **this short video** for a refresher.
- ☐ Orient yourself to the data in your Zearn Reports by checking out **these videos.**
- ☐ Review tutoring **sample session schedules.**

2 Prepare for tutoring sessions

- ☐ Login and familiarize yourself with your account.
- ☐ Review your class list on the "Roster" tab to ensure they are accurate.
- ☐ **Set the assignment** for the students you work with.
- ☐ Preview digital lessons students will be completing & take note of the strategies they will learn
- ☐ As needed, complete Curriculum Study PD for the unit, focusing on Overview and Word Problem sessions

3 Get the materials ready

- ☐ Make sure students have login information. Print **student login cards**, if your school does not use Clever or Classlink.
- ☐ Ensure each student has access to resources such as a device, internet, headphones, and pencil.
- ☐ Make sure you have your instructional materials on-hand (e.g. Zearn Workbooks, printed **Student Notes)**.

4 Engage your students

- ☐ Orient students to the flow of a digital lesson by completing 2-3 Digital Lessons as a group.
- ☐ Get a few questions wrong to review and discuss the importance of making and learning from mistakes.
- ☐ Model using paper Students Notes during the Digital Lesson and persevering through parts that might
- ☐ be more challenging.
- ☐ At the end of each session, ask students to reflect on what they learned.

## 5 Establish Systems and Routines for Tutoring

- ☐ Enact systems and routines to celebrate Digital Lesson engagement. Check out our **anchor charts and ideas.**
- ☐ Set goals with students to encourage perseverance through struggle. Check out our **goal trackers and ideas**.
- ☐ Use the **Pace Report** to check on Zearn time and usage. Use the **Tower Alerts Report** to diagnose struggle and craft a plan to support.

6 Share Zearn with Families

- ☐ Support family **understanding of Zearn** and/or **ongoing communication** with families.
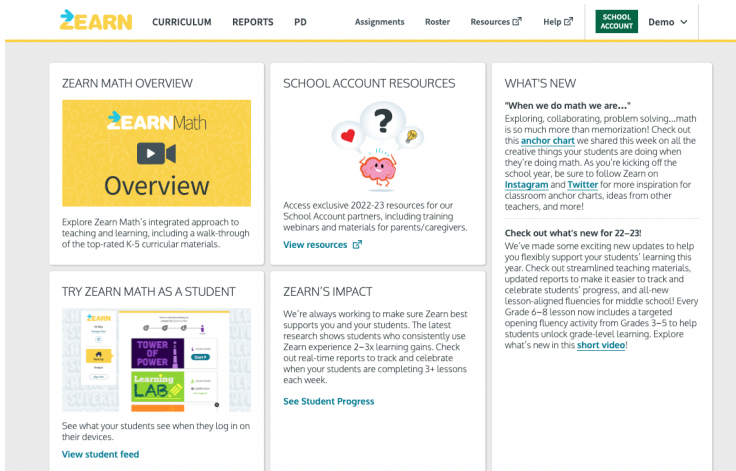
✓ For Tutors: Accessing Tutoring Materials
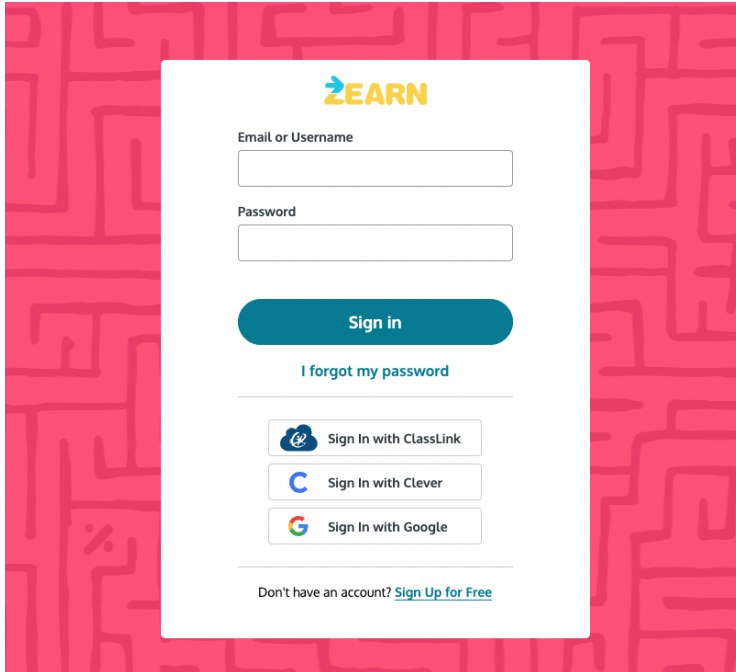

Go to www.zearn.org

Log in to your Zearn account

If you don't have a Zearn account, reach out to your school/district and/or Zearn Support.


After login, you will be directed to the Welcome page. From here, you can navigate to materials to review instructional strategies for each tutoring session, as well as access word problems and problem solving activities for tutoring sessions.
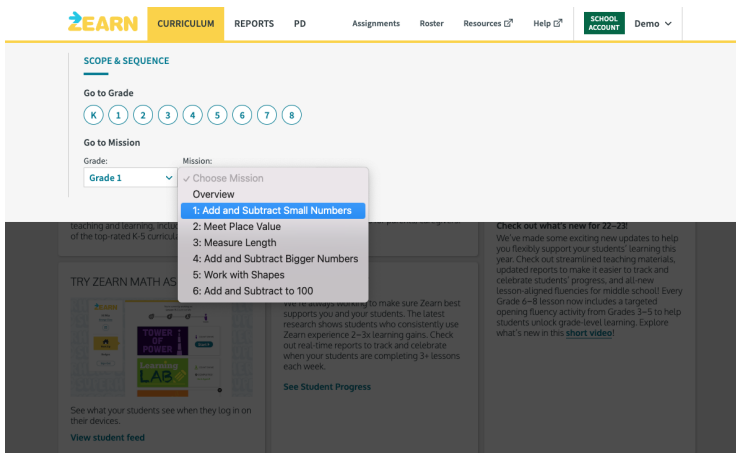
This view is only for teachers and tutors. Students will login and directly begin working on digital lessons.
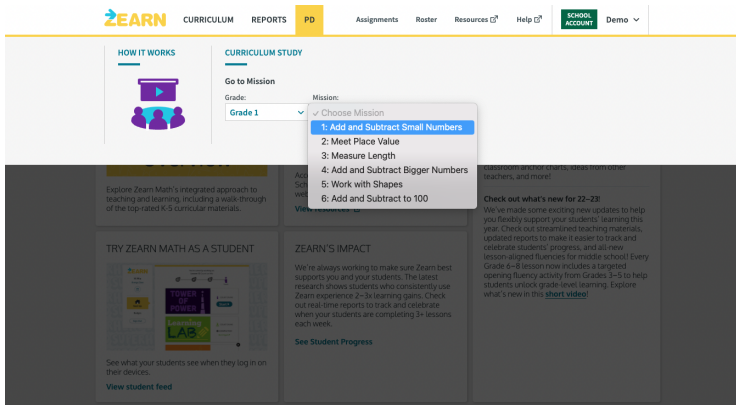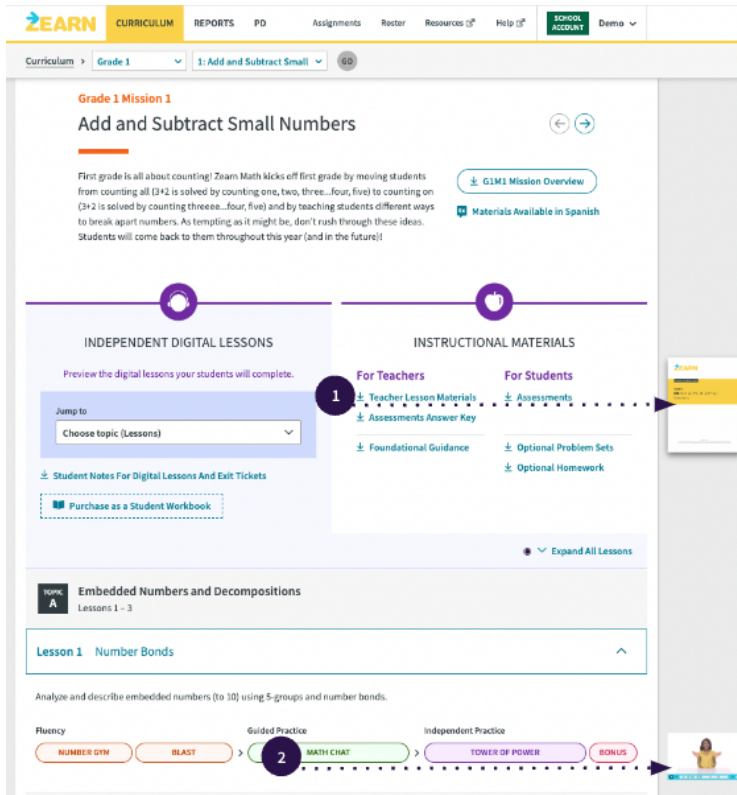
To begin, click on the PD tab and select your student(s) grade and mission.
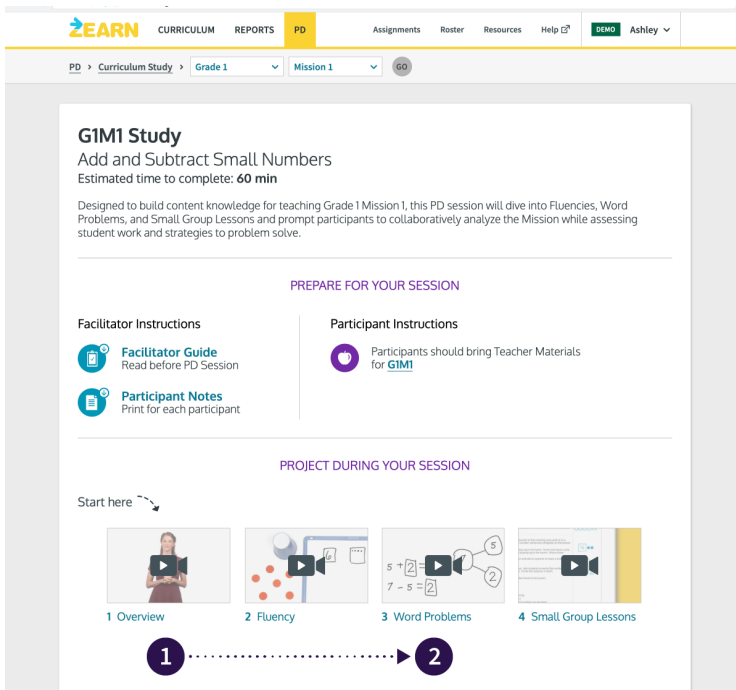
If applicable, complete Curriculum Study PD for the unit, focusing on (1) Overview and (2) Word Problem sessions.


Next, click on the Curriculum tab and select your student(s) grade and mission.

(1) G1-G8 tutors should open the Teacher Lesson Materials and review the warm-up task for upcoming lessons.

(2) Click on the Guided Practice for upcoming lessons to preview digital lessons students will be completing & take note of the strategies they will learn.
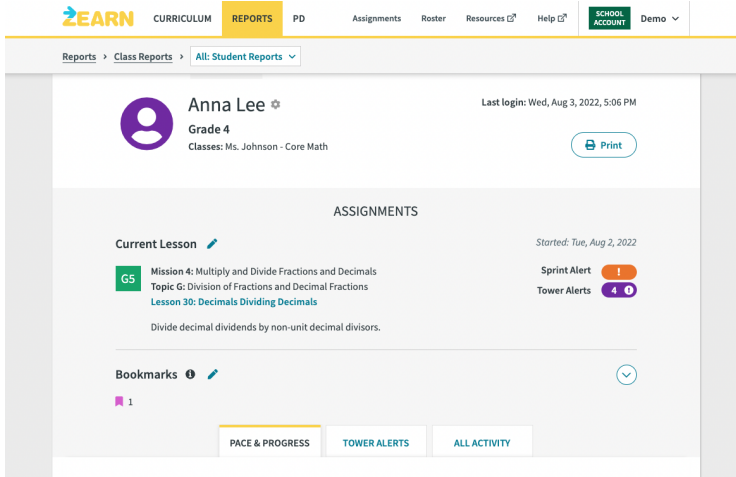
Get a few questions wrong in the guided practice (Math Chat, Learning Lab) to review scaffolding.
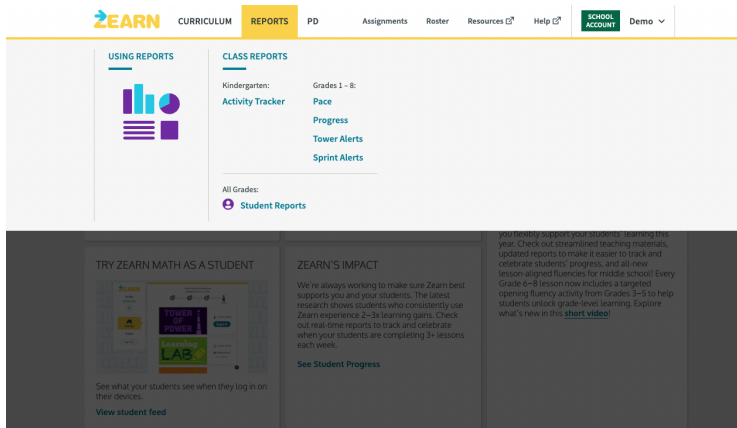
To review student progress, click on the Reports tab and select Student Reports.
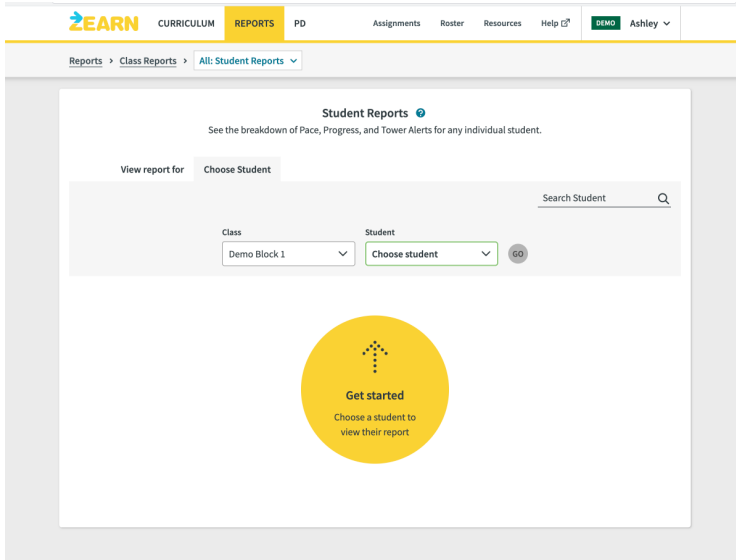
Select student(s) by class and name.

Review Zearn Reports to see where student(s) may be stuck and need extra support.

✔️ Guidance for community-based tutoring

Zearn is a flexible platform that can be used to accelerate math learning across instructional times. Caregivers, families, and tutors can also use Zearn outside of school to support student learning.
Districts can support caregivers, families, and community-based tutors by following the below steps.

Ensure students have access to their Zearn School Account

☐ **Ensure students have login information.** Print student login cards if your school does not use Clever or Classlink.

Ensure tutors who are not part of your Zearn School Account have access to student progress information

☐ **Guide tutors to monitor the digital "Student Calendar" with Zearn student accounts.** The Student Calendar helps students track their weekly lesson progress. When students log into their accounts, they can click on the calendar at the top of the screen to see their progress with Zearn. This lets students look back at (and celebrate!) all of the Zearning they completed the week before. Tutors should ask students to click on the Student Calendar from within their Zearn Student account and share their lesson progress.

☐ **Print "Student Reports" and share with tutors weekly**. The Student Report is a printable report available within Zearn School Accounts that provides educators and tutors with visibility into student progress and where students need additional support. Districts and Schools can print this report to share with community-based tutors. Step by step instructions for accessing and printing the Student Report can be found in [this Zearn Help Center article](#).

Guide tutors to support student learning during each session

☐ **Prompt students to log in to their digital lessons.** Each Zearn digital lesson offers a consistent structure of learning activities with guided problem solving and independent practice. Each lesson explores new concepts with real on-screen teachers, interactive digital manipulatives, and pause points where students stop and do math.

☐ **Ensure students have paper and a pencil during digital lessons.** Throughout each lesson, students are prompted to complete guided paper-and-pencil activities to strengthen and transfer their learning.

☐ **Remind students that mistakes are how we learn.** If they don't know an answer in a digital lesson, remind them to take their best guess and Zearn will help them.

☐ **At the end of each session, ask students to reflect on what they learned**. Remind students that they did math today, so they are a math person!