Welcome to MAP Accelerator!

Hello there,

We know that students enter your classrooms every year at various skill levels. That's why we created MAP® Accelerator™, a personalized learning tool that empowers educators to create differentiated learning experiences for students.

MAP Accelerator uses MAP Growth™ scores and Khan Academy's content to provide each student with custom learning paths while educators get insights and student data to inform instruction.

Each student's personalized learning paths include recommended practice problems, instant feedback, scaffolded help, personalized spiral review instructional videos, and articles.

Here's how MAP Accelerator works:

- See where students stand—*After students take the MAP Growth math assessment, scores are automatically imported into MAP Accelerator, so teachers get a clear picture of each student's current level.*
- Every student gets started at the right level for them—*We make sure each student gets custom learning paths based on their MAP Growth scores. Teachers can adjust a student's placement in any instructional area at any time.*
- Students work on their personalized learning paths—*Students get practice exercises and instructional materials just right for them, with immediate feedback, and access to scaffolded help.*
- Get insights, data, and reports—*View progress reports, and see the impact of MAP Accelerator on classes and students. Use our reports to form small groups and focus instruction.*

Khan Academy content has been shown to accelerate student achievement with 30+ minutes of student learning per week. We're here to help your students and make differentiation easier.

Onward,

Chris Minnich, NWEA

Sal Khan, Khan Academy

What's in this guide?

This guide gives you a brief introduction to MAP Accelerator and helps you set up MAP Accelerator in classrooms.

Get started now:

Additional content

We recommend that educators log in to their MAP Accelerator account and follow along with each step below.

Teachers can cover the content of this guide in the *MAP Accelerator Introduction to Teachers* eLearning that is available for all MAP Accelerator partners in NWEA's Professional Learning Online.

Need help? We're here for you. Email our MAP Accelerator **support team** or give us a call at 866.329.2315.

PRE-WORK:

Set up your teacher account

Task time: 10–15 minutes.
Participants: Teachers only.
Task description: This section will help you activate your MAP Accelerator account and begin monitoring student progress and results.
Additional resource: Setting up teacher accounts is Lesson 4 in *MAP Accelerator Introduction to Teachers* eLearning and includes a 3-minute video.

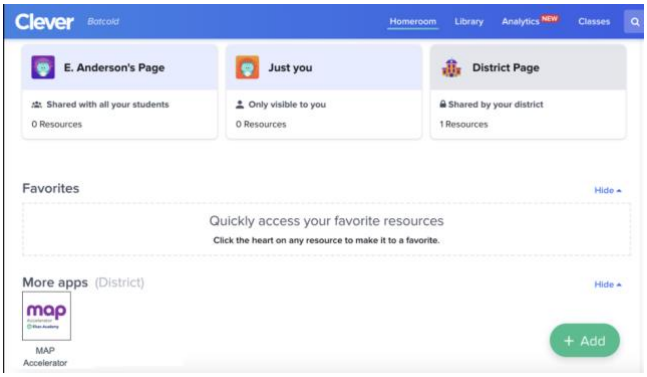
If you have previously signed up for Khan Academy using a district provided email, your MAP Accelerator account will already be activated during the Clever rostering process, and you can skip the activation steps outlined below. All you need to do to access MAP Accelerator is log in via Clever, select the MAP Accelerator tile, and you'll be taken to your Teacher dashboard.

If you've signed up for Khan Academy using a personal email or if you've never used Khan Academy before, you will need to activate MAP Accelerator using the following steps.

STEP 1:
Log in to the Clever portal and select the MAP Accelerator tile.

The website www.clever.com has a link for teacher login. Or, your district may provide a shortcut URL to your Clever portal to make the login process easier.

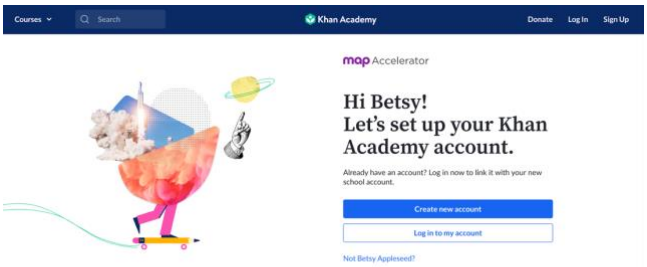
Alternative method: Teachers can also set up their accounts via email. Teachers will either receive an initial activation email (during the first year of usage) or a welcome back email (during subsequent years of usage).



STEP 2:

Select how you want to set up your Khan Academy account.

Next, you will be directed to the Khan Academy website.



If you do not have a Khan Academy account with your school district email address, you can choose from two options:

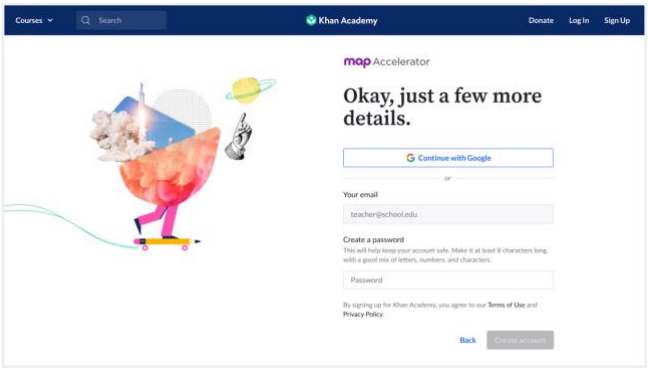
- Create a new account
- Log in to my account

Teacher tip: If you have an existing Khan Academy account with a personal email, we suggest you link it to MAP Accelerator to have all student data and progress for all classes in one place. *This choice is available one time only, and you cannot unlink accounts.*

STEP 3:

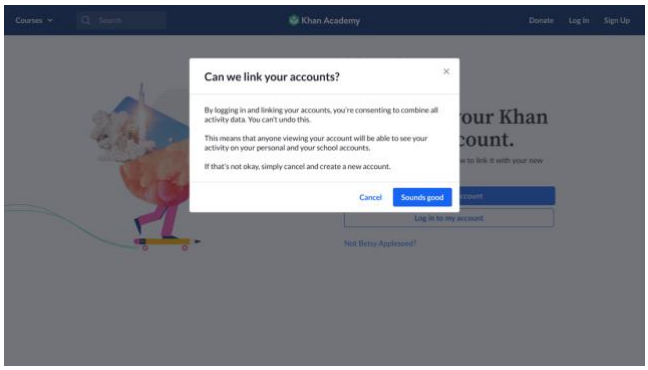
Create a new account or log in to your existing account.

To create a new account, add your school district email address and set a password or connect your Google account to your Khan Academy account.



Creating a new account

To log in to an existing account, you need to first confirm that we can link your accounts. Linking accounts will combine all activity data and cannot be undone. If you consent to linking your two accounts, you can log in with Google or your email/password combination, just like you normally would.

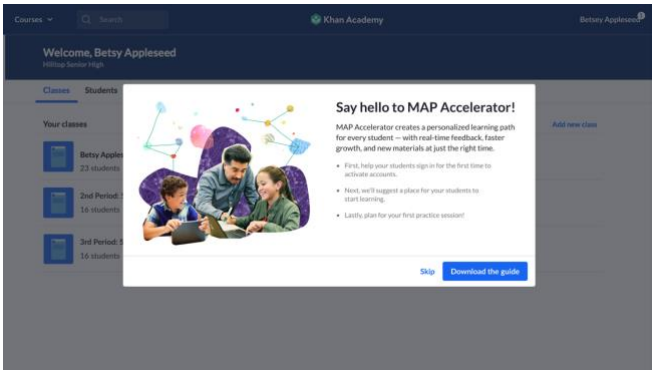


Logging in to an existing account

STEP 4:

Welcome to your new account!

Your account is created. You are ready to start Task #1 with your students.



For frequently asked questions, check out [the MAP Accelerator Help Center on Khan Academy.]

TASK 1:

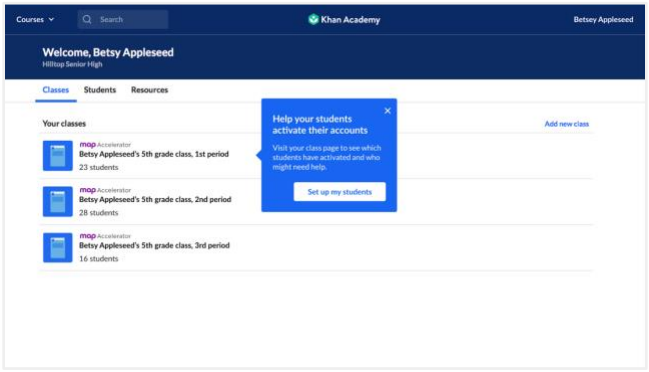
Help your students activate their accounts

Task time: 10–15 minutes per class.
Participation: Teachers and students.
Task description: This task will help teachers become familiar with their MAP Accelerator dashboards and walk through the steps needed to activate student accounts.
Associated resource: Lesson Five of the *Introduction to MAP Accelerator for Teachers* eLearning includes a 5-minute video that walks through activating student accounts.

STEP 1:
Access the teacher dashboard.

This page is the teacher dashboard and will be the first page you see every time you log in to your MAP Accelerator teacher account on Khan Academy.

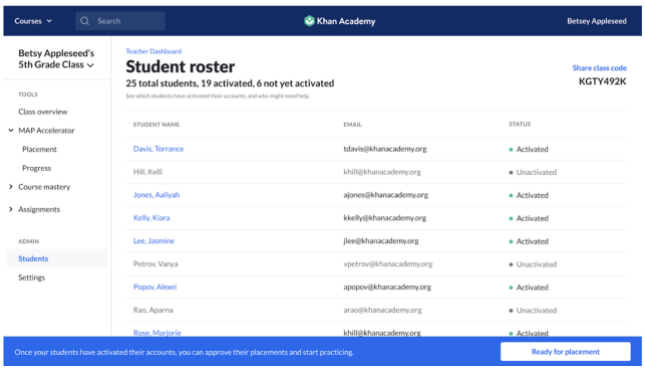
MAP Accelerator automatically creates your classes based on your class rosters in Clever.



STEP 2:
Start the activation process.

Select a class from the dashboard to access your student roster and check activation status for each of your students. Any student who has used Khan Academy with their school district email address will show up as "activated."

Students who show up as "unactivated" will need to activate by selecting the MAP Accelerator tile on their Clever portal. If you have students who are unactivated, see Step 3. If all your students are activated, feel free to skip Step 3.

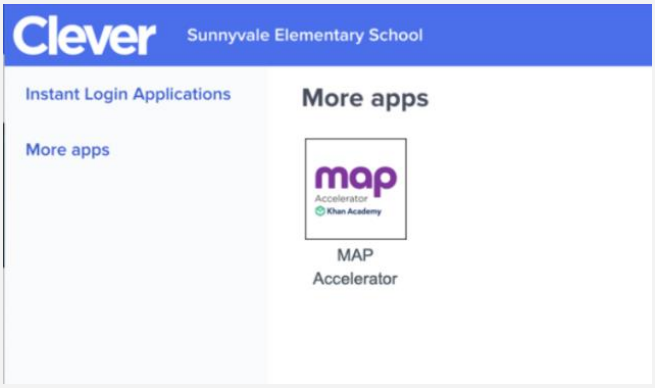


Students can also go to www.khanacademy.org/join and type in the unique class code to activate. Your class code will be listed in the top-right corner of the Students page. For example, in the image above, the example class code is KGTY492K.

STEP 3:
Help your unactivated students get started.

Preferred method: Log in via Clever

1. Students can find the MAP Accelerator tile under “More apps” (where the district has placed it). Or you can add the MAP Accelerator app to your class page on Clever.

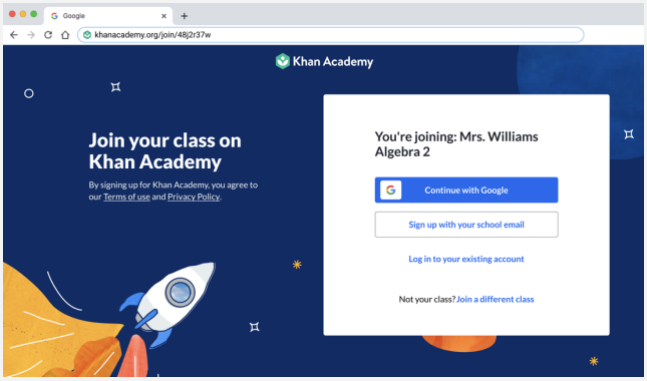


2. Next, students are brought to the initial activation screen. Students under the age of 13 must create a new account associated with their school email. Students who are 13 and over have the option to link an existing Khan Academy account associated with a personal email address.

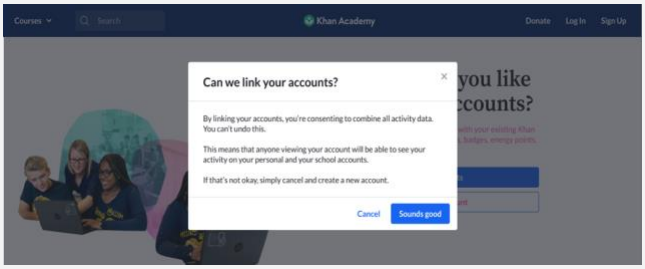
Alternative method: Join with the class link

1. In the student roster page (shown in Step 2), write down the class code provided.

   Students will go to khanacademy.org/join and type in the eight-digit class code you have provided to them.



2. Students under the age of 13 must sign up with their school email address. Students over the age of 13 have the option to log in to an existing account associated with a personal email address and then verify their school email to link their two accounts.



TASK 2:

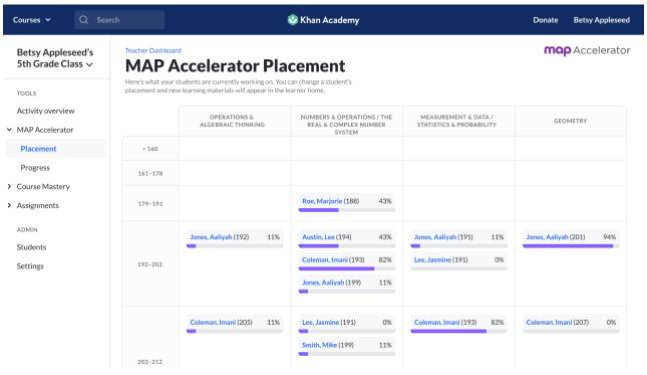
Review your students' suggested placement in each instructional area

Task time: 5–10 minutes per class.
Participants: Teachers and students.
Task description: Set MAP Accelerator placements. Placement determines the difficulty level for each instructional area.

NOTE: Student accounts must be activated before students can get started on their learning paths.

STEP 1:
Select the Placement page.

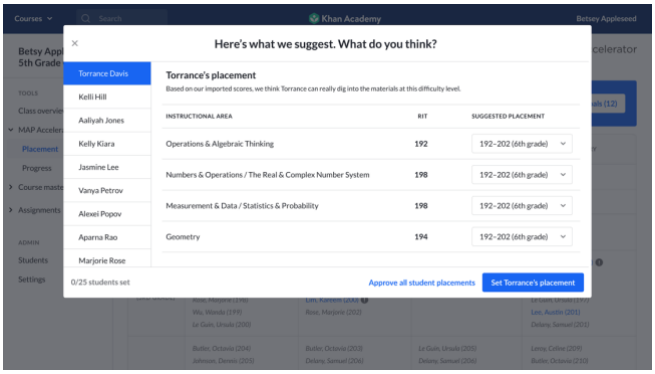
Once your MAP Growth scores are imported into Khan Academy, you can access them by selecting the **Placement** page under the menu on the left side.



Teacher tip: Students without MAP Growth scores can still use MAP Accelerator! They will automatically be placed at grade-level content to start.

STEP 2:
Begin viewing and adjusting MAP placement for each student.

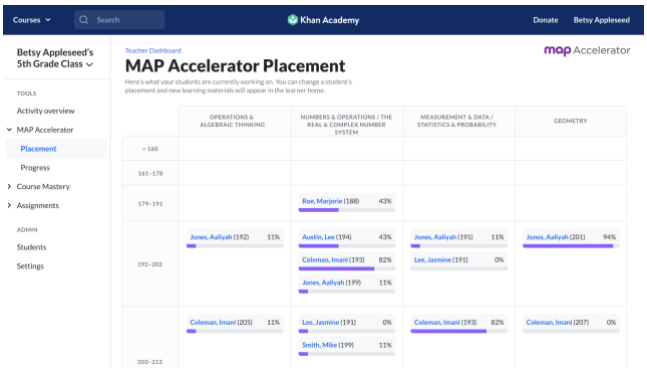
Review each student's placement individually or accept all suggested student placements at once. The placement suggestions are based on students' individual MAP Growth RIT scores. You can edit student placements at any time.



Need to adjust placement?

If you'd like to adjust a student's placement, select their name on the "Placement" page to adjust their placements using this screen.

Want to see how to adjust placements? Watch Lesson Six of the *Introduction to MAP Accelerator for Teachers* eLearning for a guided walkthrough.

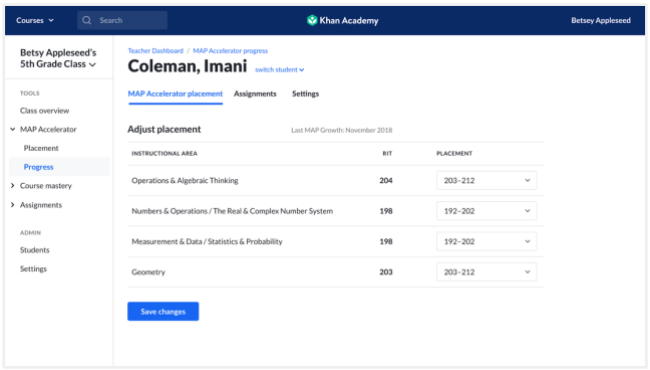


STEP 3:
Review placement.

Once you have reviewed and set all the placements for your students, return to the MAP Accelerator Placement screen. Remember, you can add, view, and adjust MAP Accelerator placements at any time.

If a student's name is in blue, their account is activated. If there is an exclamation mark next to their name, the student has activated their account, but you have not yet set their placement.

If a student's name is in gray and italicized, the student has not yet activated their account.



TASK 3:

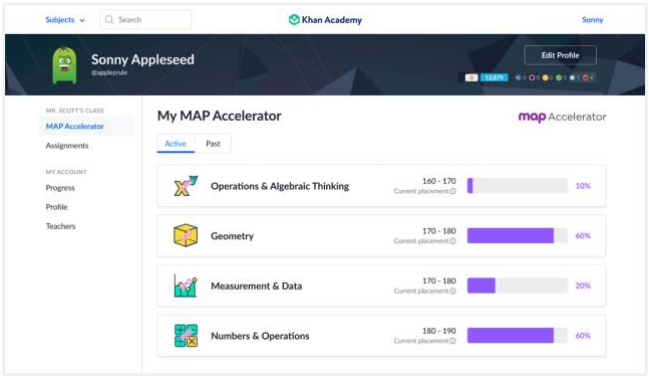
Plan your first learning session and check your students' progress!

Task: 10–15 minutes per class.
Participants: Teachers and students.
Task description: Plan your first learning session with students, and learn how to track their progress.

NOTE: Student placements must be set before students can work on content in MAP Accelerator.

STEP 1:
Familiarize yourself with the student experience.

We've detailed the student experience in the "MAP Accelerator highlights" section of this guide on page 14.



STEP 2:

How will you implement MAP Accelerator into your weekly classroom instruction time?

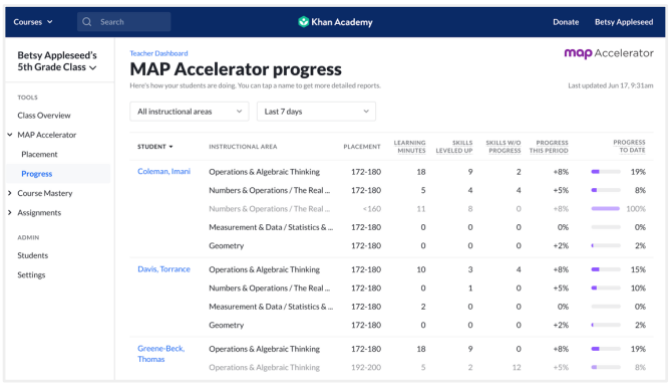
To achieve the recommended usage of 30 to 45 minutes of student learning, we recommend three 15- to 20-minute learning sessions per week for elementary students and two 30-minute sessions per week for middle school students. The decision is up to you, but having a consistent routine will help your students make steady progress.

For more tips:

- Check out the "Implementation tips and tricks" section in this guide on page 18.
- Complete the *Introduction to MAP Accelerator for Teachers* eLearning.

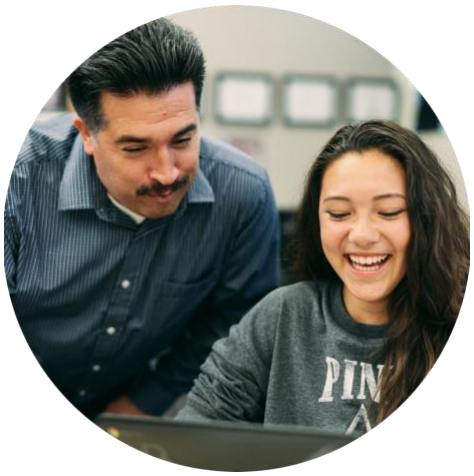
STEP 3:
Preview the MAP Accelerator Progress page.

By selecting Progress under the MAP Accelerator section, you can monitor student skill progress based on each instructional area.



STEP 4:
Start using MAP Accelerator with your students.

You are now ready to share MAP Accelerator with your students! Remember to incorporate the planning you created from Step 2.



For frequently asked questions, check out the MAP Accelerator Help Center on Khan Academy.

MAP Accelerator highlights

MAP Accelerator is a comprehensive tool, and we want you to use this tool to its fullest potential.

Here's what makes MAP Accelerator special:

Quality content
Page 13

Student experience
Page 14

Data and reporting
Page 17

Quality content aligned to CCSS and the MAP Growth Learning Continuum

As part of MAP Accelerator, we have built out comprehensive mathematics content aligned to both Common Core State Standards (CCSS) and the MAP Growth Learning Continuum.

Here is what we offer in mathematics:

K	1	2	3	4	5	6	7	8	9

Remediation | **MAP Accelerator content available for students in these grades** | **Enrichment**

3rd grade math standards
100+ exercises
1000+ practice problems
120+ instructional videos and articles

4th grade math standards
130+ exercises
1300+ practice problems
210+ instructional videos and articles

5th grade math standards
100+ exercises
1500+ practice problems
165+ instructional videos and articles

6th grade math standards
150+ exercises
1500+ practice problems
230+ instructional videos and articles

7th grade math standards
100+ exercises
1000+ practice problems
160+ instructional videos and articles

8th grade math standards
120+ exercises
1200+ practice problems
240+ instructional videos and articles

Practice on Khan Academy provides immediate feedback. Students can take ownership of their learning and tackle misconceptions with guidance and support. There are hints available for all practice problems and links to related instructional videos and articles.

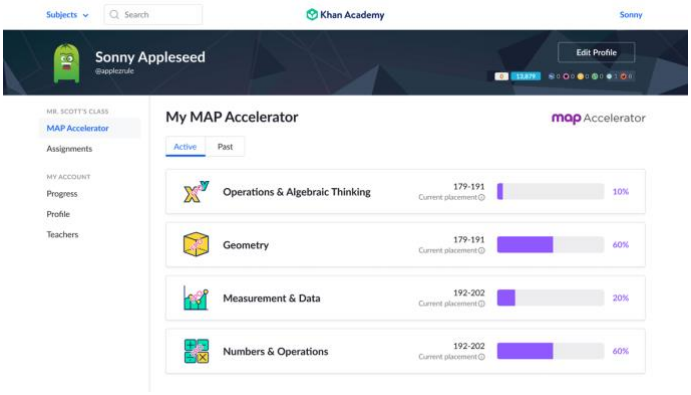
If the student answers a question incorrectly, Khan Academy will immediately let the student know.

Students can also use a hint, which includes the step-by-step solution and related content. Please note: If a student uses a hint, the problem is counted as incorrect.

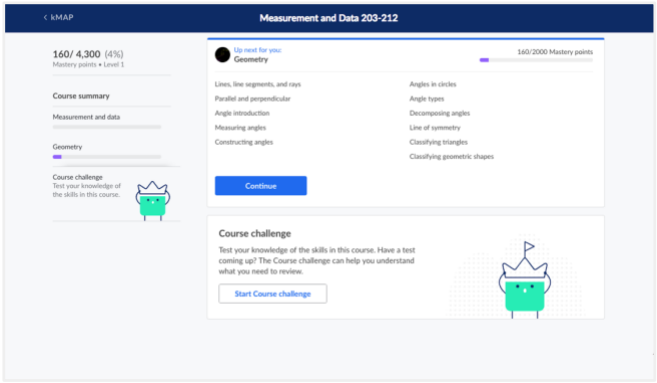
The student experience

Once you check, customize, or confirm suggested placements based on students' imported MAP Growth scores, they will be able to work on skills at the right level for them.

Students will see personalized goals on the "My MAP Accelerator" tab of their homepage. From this page, they can see how they have progressed toward mastering the content in the placement you've assigned them. Selecting these boxes will take students to their personalized content for each instructional area.

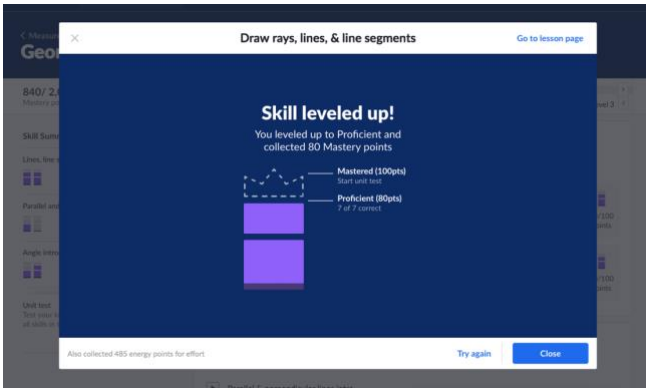


Once students choose one of the instructional areas to work on, they can select "Continue" to be directed to learning materials just right for them.



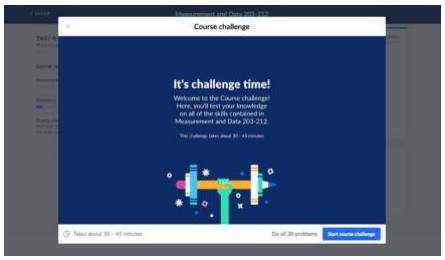
As students engage in practice on individual exercises as well as mixed practice (quizzes, unit tests, course challenges, and mastery challenges), they can level up their skill mastery.

Based on their performance, students move up and down individual skill mastery levels.



What are my students working on in MAP Accelerator?

Quizzes, Unit Tests, Course Challenges, and Mastery Challenges



Students will gain mastery levels based on the accuracy of their responses to quizzes, unit tests, and course challenges.

Unit tests and quizzes: These assess a set of skills within the section of content. Quizzes are shorter than unit tests.

Course challenge: The course challenge consists of 30 questions across multiple skills in a student placement band.

Mastery challenges: Mastery challenges are personalized spiral review problem sets of 6 questions. They consist of 2 questions each for 3 different skills. Mastery challenges are available for a limited time for students to complete until the challenges reset with new questions.

Exercises

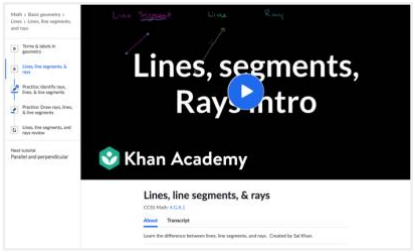
Students will gain mastery levels based on the accuracy of their responses to individual exercises.

If students get 70–99% of the questions correct on a single skill practice set, they move to **Familiar.**

If students get 100% of the questions correct on a single skill practice set, they move to **Proficient.**

Students can only move from Proficient to the final level, **Mastered,** by getting questions right on unit tests, course challenges, and/or Mastery Challenges.

Videos and Articles

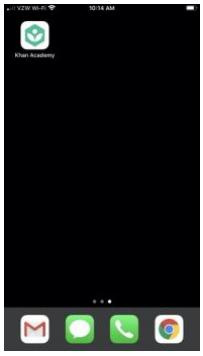


Watching videos and reading articles is for additional instruction or review and will not contribute toward your students' mastery levels. Students can gain energy points based on the time they spend watching the video or viewing an article.

Time spent watching videos and reading articles will also count toward learning minutes on their "Progress" page.

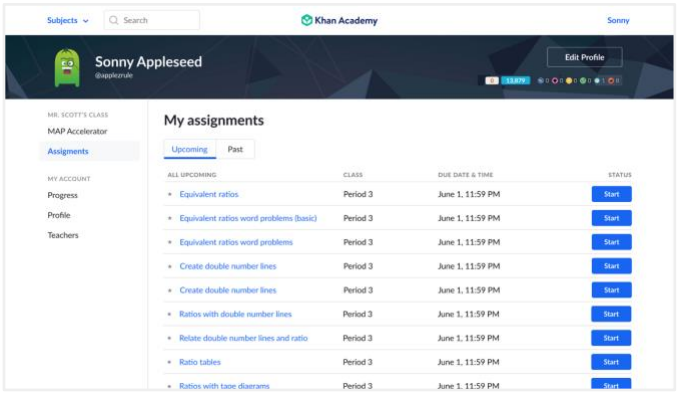
Other student features:

Mobile app: MAP Accelerator is available for students on mobile via the Khan Academy mobile app for iOS and Android™. All content that can be accessed by a student on the desktop browser website can also be accessed via the mobile app.

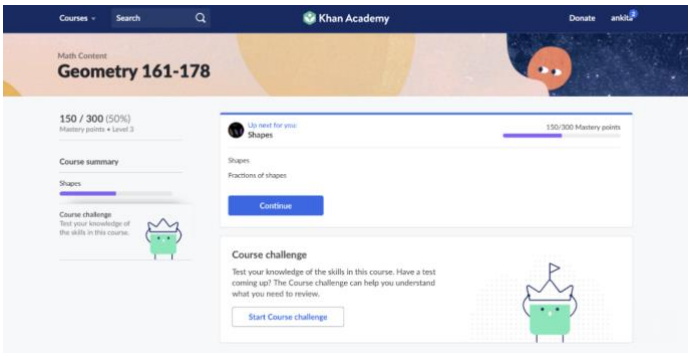


Assignments: If you would like to be more prescriptive on what skills or content your students (whole class or individuals) are working on, you can assign students specific content (on and off grade level). Students can access their assignments from their student dashboard using the navigation menu on the left.

Learn more about Khan Academy Assignments, including how teachers can use assignments, assign assessments, and review assignment reporting.



On-task banner: If your students are working in their MAP Accelerator learning paths, they will see an orange banner at the top of their course page. ("Orange = on-task"). You may want to emphasize this to your students, and if you are using MAP Accelerator during class, scanning for the orange banner is a quick way to verify that students are working in their personalized learning paths.



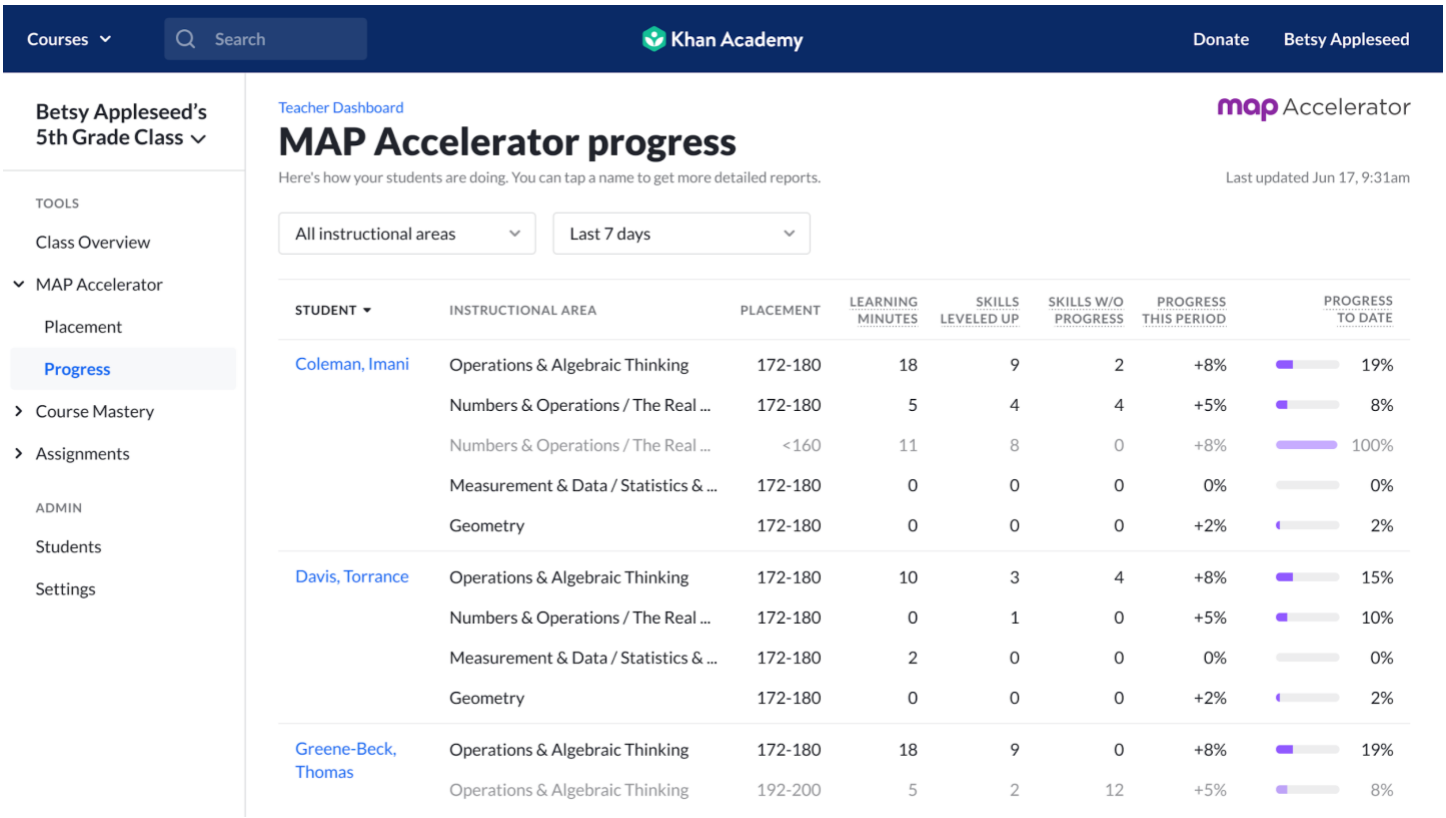
Data and reporting

You can view progress on MAP Accelerator using the Progress report.

Using the **Progress page** under MAP Accelerator, you can see how your students are progressing in mastering the skills within each instructional area during a specific time period by viewing:

- Learning minutes—Total time learning on MAP Accelerator (not including navigating and non-learning pages).
- Skills leveled up—Number of skills that moved up a mastery level within an instructional area.
- Skills without progress—Number of skills (that a student has spent time working on) that stayed at the same mastery level or moved down a mastery level.
- Progress this period—Percentage of mastery points earned toward an instructional area during your selected time period.
- Progress to date—Percentage of mastery points earned toward an instructional area to date.

Note: The percentage of mastery points earned is calculated by the number of mastery points earned divided by the total number of mastery points available in an instructional area.



Implementation tips and tricks

To help integrate MAP Accelerator in your classroom, we put together some tips and tricks from teachers. You know your classroom the best; feel free to adapt these tips to what works for your students.

Focus on motivation and progress
How can you engage and empower students? Here are tips from fellow teachers:

- **Start each learning session with a set of clear instructions.** Students benefit from clear guidance each time they begin using MAP Accelerator. Your instructions may be for everyone to work on their Geometry learning path. Or, they could be for everyone to attempt the Course Challenge for their learning path. Whatever the instructions may be, ask your students to repeat them back to you before releasing students to work.

- **Encourage students to use hints and watch videos when stuck.** Past analysis indicates that students who use these resources make greater progress in the long run. Students may be reluctant to slow down and use these supports at first. Make it a classroom practice to use hints, pause to watch instructional videos, or read instructional articles when stuck. Privately celebrate students who are demonstrating these learning behaviors.

- **Have students track their progress each week.** On a sheet of paper or in a journal or notebook, students can write down the percentage mastery for their learning paths. By doing this, their gradual progress will become visible. Many students are more motivated when they have physical reminders of the progress they are making.

- **Decide when to adjust student placement.** We recommend adjusting student placement when a student has mastered more than 90% of their learning path. Some teachers prefer to wait until a student has reached 90% mastery in *all* of their instructional paths and then adjust all four placements at the same time. Other teachers prefer to adjust a student's placement as soon as the student reaches 90% mastery in a single instructional path. The choice is yours, but consider clearly communicating to students your plan for when you will adjust student placements.

Get more best practices from MAP Accelerator teachers to maximize MAP Accelerator's impact in the classroom.

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Create routines

Set up a consistent routine for your classroom. When students know what to expect, they will be better prepared for class. Some routines and structures that teachers have implemented in their classrooms are:

- Station rotation—Students work on engaging activities that are mathematically purposeful. Split your classroom into two or three groups, and rotate them through MAP Accelerator for personalized skill practice, another station for lesson-aligned work, and a third station for small group instruction led by you.

- Quick student conferences—When students are working on MAP Accelerator, some teachers cycle through their students, holding quick conferences and asking each student reflection questions, such as: "What are you learning? Are you making progress? How do you know?"

Integrate MAP Accelerator practice into your lesson—Focus the class on the instructional area in MAP Accelerator that your lesson relates to as independent practice for that day. For example, if you are teaching about area and perimeter of shapes, have the students work on the Geometry MAP Accelerator learning path so that there is cohesion between the mathematical instructional areas they are focused on throughout class. The Getting Started: Teacher Checklist can help you create rituals and routines with MAP Accelerator.

map® Accelerator™
powered by Khan Academy

Need help? We're here for you. Email our MAP Accelerator **support team** or give us a call at 866.329.2315.