Welcome to MAP Accelerator!

Hello there,

We know every year students enter your classroom at a wide variety of skill levels.

That’s why we created the MAP Accelerator, a personalized learning program that empowers educators to create differentiated learning experiences.

MAP Accelerator uses MAP® Growth™ scores and Khan Academy’s personalized learning system to provide each student with a custom learning path, while educators get insights & data to inform instruction.

Each student’s personalized learning path includes recommended practice problems, instant feedback, scaffolded help, personalized spiral review and instructional videos and articles.

Here’s how MAP Accelerator works:

● See where students stand - After students take the MAP Growth assessment, scores are automatically imported into MAP Accelerator, so you 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 a custom learning path based on their MAP Growth scores. You can adjust a student’s placement in any instructional area at any time.

● Students work on their personalized learning path - Students get practice exercises and instructional materials just right for them, get immediate feedback, and access to scaffolded help.

● Get insights, data and reports - View progress reports and see the impact of the MAP Accelerator for classes and students. Use our reports to form small groups and target your 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 the MAP Accelerator and also helps you set up MAP Accelerator in your classroom.

Get started now

- Pre-Work: Set up your teacher account.  
  5-10 minutes total  
  Without students

- Task 1: Help your students activate their accounts.  
  10-15 minutes per class  
  With students

- Task 2: Review your students’ suggested placement in each instructional area.  
  5-10 minutes per class  
  Without students

- Task 3: Plan for your first learning session and check your students’ progress!  
  10-15 minutes per class  
  With students

Additional content

- MAP Accelerator highlights  
  Page 11  
  What makes MAP Accelerator special?

- Implementation tips and tricks  
  Page 17  
  What does MAP Accelerator look like in a classroom?

In order to make the most of your time, we suggest that you follow along with your MAP Accelerator account. To get familiar with the product, no matter your technical skill level, please click around and explore.

Need help? We’re here to help. Email our support team or give us a call (866) 329-2315.
P R E - W O R K:

Set up your teacher account

This task should take about 5 to 10 minutes and should be completed independently. No student involvement is necessary for this task.

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

www.clever.com has a link for teacher/staff login. Or, your district may provide a shortcut URL to your Clever portal to make the log-in process easier.

Backup 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.

Once you click on the get started button, you will be directed to the Khan Academy website.

Choose from the two options:
● Create a new account
● Log in to my account

If you have an existing Khan Academy account, we suggest you link it to MAP Accelerator. Your data and progress for all your classes will be in one place. This choice is available one-time only, and you can not unlink accounts.
STEP 3:
Create a new account or log into your existing account.

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

We recommend using the email associated with your district. You can always add a secondary email or change your primary email later.

To log into 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-on with Google, Facebook or your email/password combination, just like you normally would.

If you have an existing Khan Academy account, but you registered as a learner or parent, feel free to link your MAP Accelerator account to those Khan Academy accounts as well. Just change your homepage in the settings to the teacher dashboard.

STEP 4:
Welcome to your new account!

Your account is created. You’re ready to start on Task #1 with your students.

For commonly asked questions check out NWEA’s support website.
**TASK1:**

**Help your students activate their accounts**

In this task, you will get familiar with the teacher dashboard — the main page for all your teacher tools for MAP Accelerator. You will also set up your classes and student rosters.

This task should take about 10 to 15 minutes per class, depending on how many students you have. This task is to be completed with your students. You'll need to set aside time with each of your classes to walk your students through their account setup.

**STEP 1:**

**Access the teacher dashboard**

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

We import classes and rosters into the teacher account as part of MAP Accelerator.

**STEP 2:**

**Start the activation process**

Select a class to monitor the activation process with your students. Click on “Students” on the left-hand side.

Students will join their classes by selecting the MAP Accelerator app on their Clever portal.

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 to the right, the example class code is KGTY492K.
STEP 3:
Help your students activate their accounts

Preferred Method: Log in via Clever

1. Students can find the MAP Accelerator tile under “More apps” (where the district has placed it). Or if you, as the teacher, have added the MAP Accelerator app to your class page on Clever, then students can also find it there.

2. Next, students are brought to the initial activation screen. All students are given the choice of creating a new account or using an existing school-directed account. Students under the age of 13 cannot link an existing Khan Academy personal account.

Backup method: Class Join 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. When students type in your class code, they can choose to sign up with their school email or log in to an existing account.

3. For both methods, if a student decides to log in to an existing account, they will be asked to link all existing activity data and will receive a message that their accounts are linked. After this step, the student’s account is activated and created. Verify on your class page that each student’s Status has changed from Unactivated to Activated.
**TASK 2:**

Review your students’ suggested placement in each instructional area

In this task, you will set MAP Accelerator placements. Placement determines the difficulty level for each instructional area.

This task should take about 5 to 10 minutes per class, depending on how many students you have and how much you want to customize each student placement.

**NOTE:** You cannot begin placing a student until their account is activated.

**STEP 1:**

Click on the Placement page

Once your MAP Growth scores are imported into Khan Academy, you can access them by clicking on the **Placement** page under MAP Accelerator in the left-hand column.

If new placements are available, a blue banner will appear. Click the button to approve or adjust your student placements.

**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 their MAP Growth RIT scores. You can edit student placement at any time.
Trouble-shooting tip: If needed, remind students to activate their accounts. Otherwise, you will not be able to set their placement.

STEP 3: Review placement.

Once you have reviewed and set all the placements for your students, you will see this screen. You can return to this screen to add, view, and adjust MAP Accelerator placement.

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

If a student's name is gray and italicized, it means that a student has not yet activated their account.

Need to adjust placement?

If you'd like to adjust a students' placement later, click on their name on the 'Placement' page and you can adjust their placements using this screen.
**TASK 3:**

Plan for your first learning session and check your students’ progress!

In this task, you will plan for your first learning session with your students. We will also walk you through how you can track your students’ progress. This task should take about 10 to 15 minutes per class.

**NOTE:** Your students cannot practice and learn on MAP Accelerator if you haven’t set placements for them.

**STEP 1:**
Familiarize yourself with the student experience.

We’ve detailed the student experience in the ‘MAP Accelerator highlights’ section of this guide under the ‘Personalized placement’ on page 16.

**STEP 2:**
Think about how you plan to incorporate MAP Accelerator.

We recommend three 15-20 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 20.
- Attend a MAP Accelerator training with your district (if available).
STEP 3: Preview the MAP Accelerator Progress page

Using the Progress page under MAP Accelerator, you can see how your students are progressing in mastering the skills in their instructional areas during a specific time period.

STEP 4: Start using MAP Accelerator with your students.

You’re now ready to share MAP Accelerator with your students. Don’t forget the planning you did in Step 2. Good luck!

For commonly asked questions check out NWEA’s support website.
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 17

Student experience
Page 18

Data and reporting
Page 21
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 CCSS standards and MAP Growth Learning Continuum.

Here is what we offer in mathematics:

<table>
<thead>
<tr>
<th>Remediation</th>
<th>MAP Accelerator available for students in these grades</th>
<th>Enrichment</th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd grade math standards</td>
<td>4th grade math standards</td>
<td>5th grade math standards</td>
</tr>
<tr>
<td>100+ exercises</td>
<td>130+ exercises</td>
<td>100+ exercises</td>
</tr>
<tr>
<td>1000+ practice problems</td>
<td>1300+ practice problems</td>
<td>1500+ practice problems</td>
</tr>
<tr>
<td>120+ instructional videos and articles</td>
<td>210+ instructional videos and articles</td>
<td>165+ instructional videos and articles</td>
</tr>
<tr>
<td>6th grade math standards</td>
<td>7th grade math standards</td>
<td>8th grade math standards</td>
</tr>
<tr>
<td>150+ exercises</td>
<td>100+ exercises</td>
<td>120+ exercises</td>
</tr>
<tr>
<td>1500+ practice problems</td>
<td>1000+ practice problems</td>
<td>1200+ practice problems</td>
</tr>
<tr>
<td>230+ instructional videos and articles</td>
<td>160+ instructional videos and articles</td>
<td>240+ instructional videos and articles</td>
</tr>
</tbody>
</table>

Practice on Khan Academy provides immediate feedback. Students can take ownership of their learning and can 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 set the placement for your students based on their imported MAP Growth scores, they will be able to work on skills at the right level for them.

After you set placements for your students, they will see personalized goals on the “My MAP Accelerator” tab of their homepage. From this page, they can see how they have progressed towards mastering the content in the placement you’ve assigned them. Clicking on these boxes will take them to the curated content on MAP Accelerator for each instructional area based on their placement.

Once they choose one of the instructional areas to work on, your student will be directed towards learning materials just right for them, by clicking “Continue” on the unit that is “Up next for you.”

As students engage in practice on individual exercises as well as mixed practice (quizzes, unit tests, course challenges & 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 as part of MAP Accelerator?

<table>
<thead>
<tr>
<th>Quizzes, Unit Tests, Course Challenges &amp; Mastery Challenges</th>
<th>Exercises</th>
<th>Videos and Articles</th>
</tr>
</thead>
</table>

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

**Unit tests and quizzes:** These assessments 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 their 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 they re-set with new questions.

**Students will gain mastery levels based on the accuracy of their responses in 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.

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

Time spent watching videos and reading articles will also count towards learning minutes in 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 are working on, you can assign them specific content. Students can access their assignments from their student dashboard using the left navigation.

To learn more about how to use Assignments, go to khanacademy.org/coach/resources and click on the Khan 4 Educators link, which has a set of resources to explain how to use Assignments.

**On-task banner:** If your students are working within their personalized MAP Accelerator learning paths, they’ll see an orange banner at the top of your 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 on 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 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** - % of Mastery points earned towards an instructional area during your selected time period
- **Progress to date** - % of Mastery points earned towards an instructional area to date.

**Note:** The % 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.

<table>
<thead>
<tr>
<th>STUDENT</th>
<th>INSTRUCTIONAL AREA</th>
<th>PLACEMENT</th>
<th>LEARNING MINUTES</th>
<th>SKILLS LEVELED UP</th>
<th>SKILLS W/O PROGRESS</th>
<th>PROGRESS THIS PERIOD</th>
<th>PROGRESS TO DATE</th>
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<tr>
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<td>2</td>
<td>+8%</td>
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<tr>
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<td>4</td>
<td>4</td>
<td>+5%</td>
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<tr>
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<tr>
<td>Thomas</td>
<td>Operations &amp; Algebraic Thinking</td>
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<td>2</td>
<td>12</td>
<td>+5%</td>
<td>8%</td>
</tr>
</tbody>
</table>
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, it could be for everyone to attempt the Course Challenge for their learning path. Whatever the instructions may be, ask students to repeat them back to you before releasing them to work.

- **Encourage students to use hints and watch videos when stuck.** Past analysis indicates that students who use these resources end up making greater progress over the long run. But, students may be reluctant at first to slow down and use these supports. Make it a classroom mantra to use hints when stuck and to 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, 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.** As a rule of thumb, we recommend adjusting student placement up when a student has mastered 90%+ of their learning path. Some teachers prefer to wait until a student has reached 90% mastery in all of their instructional paths before adjusting all four placements at the same time. Other teachers prefer to adjust a student’s placement as soon as they reach 90% mastery in a single instructional path. The choice is up to you, but consider clearly messaging when you will adjust student placements.
Create routines

Set-up a consistent routine for your classroom. When students know what to expect, they will be better prepared for the class. Some routines & 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.

Looking forward to seeing you on MAP Accelerator!

Need help? We’re here to help. Email our support team or give us a call (866) 329-2315.

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