

Khan Academy

Cost: Free Khan Academy's mission is to provide free world class education for everyone.

Web and App Based.

Curriculum Connections: This program aligns with Eureka Math/EngageNY curriculum. The early Math curriculum covers counting, place value, addition and subtraction, measurement and data and geometry.

Overall Goals: Students work on their assignments to improve their Math skills. Teachers create assignments for their students by choosing instructional videos and exercises their students need to complete. As students work through assignments there are supporting videos and hints students can select when needed. Students also can choose missions to complete to test and practice individual skills.

How Students Win: Students receive feedback through a progress tracker as they complete exercises (problem sets). There are three types of stars they can receive. Watching a video for help doesn't affect their progress but if they use a hint the program will count the question as incorrect in their progress. Students also receive Energy Points as they complete assignments and missions. These points convert to badges along their learning path. There are six levels of badges students can receive and in each level there are numerous badges students can earn.

Are There Levels? There are grades within the early Math program and the program adjusts the difficulty level according to student's score. Teachers select assignments unless students are choosing a mission. Students collect points and badges as motivation along the way.

How It Benefits Students: Students are able to learn Math skills and progress at their own pace. Students can practice targeted skills in an engaging way. Students can also sign in at home to practice their Math skills, allowing parents to see what areas they are working on.

Why We Like It: We chose Khan Academy as a must have for our classrooms when beginning blended learning due to their teacher training videos and free access. The program has extensive teacher training videos on how to set up a classroom and choose assignments to help personalize instruction for your students. The program is flexible as it allows you to choose assignments from various concept areas and different grade levels when needed if certain prerequisite skills are not grasped. As a teacher becomes comfortable using Khan Academy for Math they can then begin using the program for other subjects. Khan Academy allows a teacher to set up assignments in various subjects.

Assessment: Teachers can view assignment reports to see how individual students are progressing on both video assignments and exercise performance. Instructional video assignments won't show as a completed assignment if a child fast forwarded, skipped a portion or jumped to the end. Exercise assignments show the completion date, attempts and best score. If you want to see what specific questions students had difficulties with you can also open a link for individual answers.

How We Use It: This program would be used as a station in a Station Rotation approach to provide personalized instruction and practice. The ability to assign instructional videos for students to review before completing assignments is very helpful when working with younger students.

Live Link: <https://www.khanacademy.org/math/early-math>