

SAVVAS

Program
Overview

successmaker®

FOUNDATIONS OF HIGH SCHOOL MATH



- Adaptive Personalized Intervention
- Real-Time Data

Prepare Students for Success in High School Math

SuccessMaker®: Foundations of High School Math provides personalized adaptive instruction for high school students who haven't yet mastered all the prerequisite skills necessary for success in early high school math classes like Algebra 1, Integrated Mathematics I, or Geometry.

Instructional Design

A simple 3-step instructional design provides effective intervention for high school students who need more support to succeed in high school math.

1

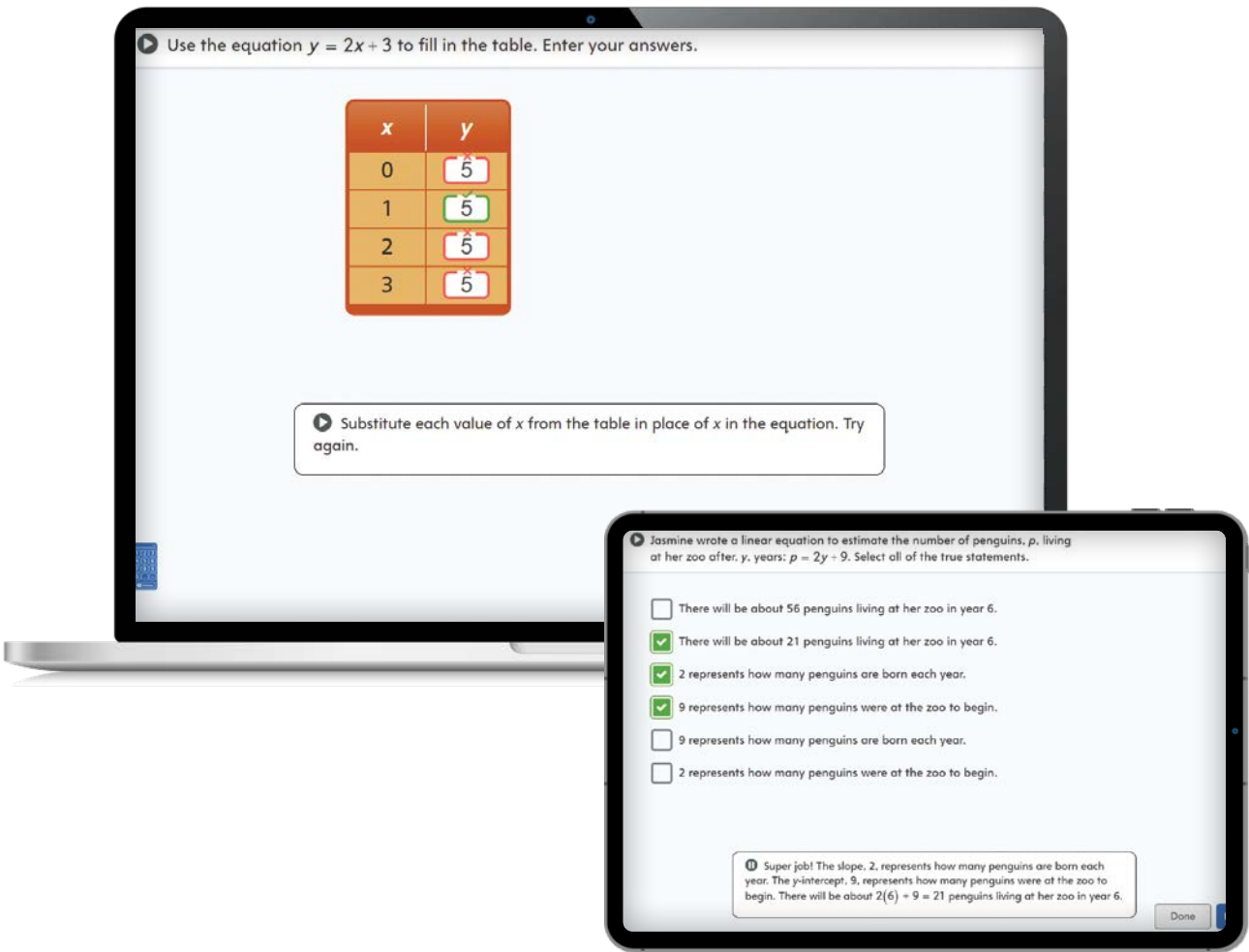
Continuously adaptive instruction adjusts to student performance in real time as students work in short 20-minute sessions 3 to 5 times per week.

2

Instant instructional insights are provided through up-to-the-minute student mastery and growth data.

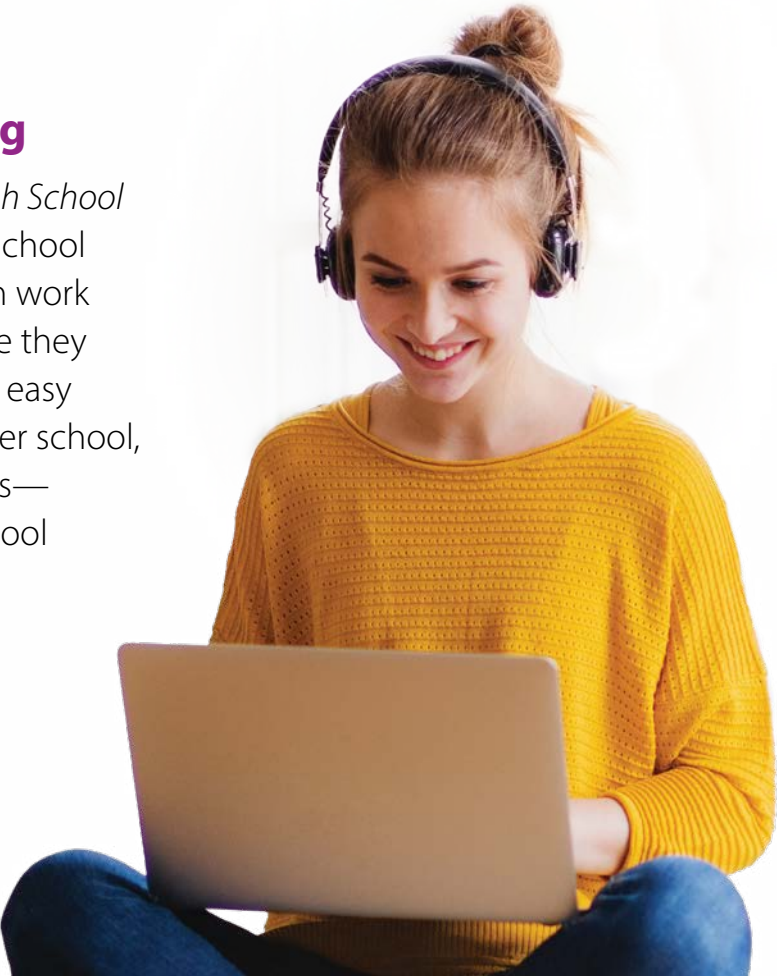
3

Teachers can deliver additional instruction with targeted lessons provided for prerequisite elementary and middle school skills.



Anytime, Anywhere Asynchronous Learning

SuccessMaker: Foundations of High School Math can flexibly fit into a high school student's schedule. Students can work on a supported device anywhere they have an Internet connection. It's easy to use the program before or after school, for homework, during study halls—wherever it fits into the high school student's day!



A Personalized Pathway for Every Student

SuccessMaker: Foundations of High School Math provides each student with an individualized learning pathway that addresses their specific instructional needs.

Real-Time Adaptive Intervention

Each student takes an Initial Placement test that determines their just-right starting level. From there, *SuccessMaker's* adaptive engine takes over and determines the exact content a student sees next based on their real-time response pattern.

Students will receive adaptive, personalized instruction in any elementary or middle grades skills they haven't yet mastered. When ready, students will also receive adaptive, personalized instruction in content addressed early in Algebra 1, Geometry, or Integrated Math I that is critical to later success in high school math.

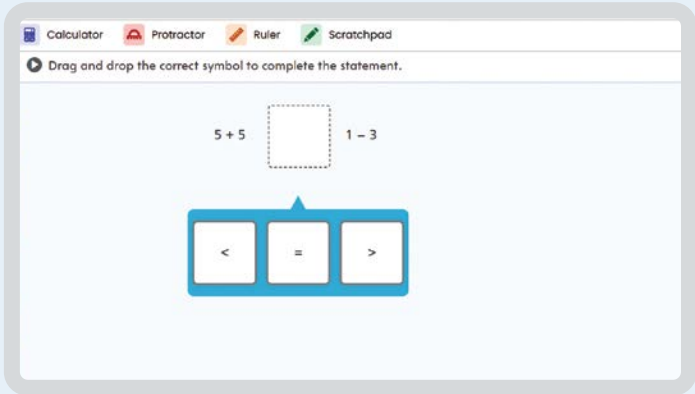


Address Specific Gaps in Prerequisite Skills

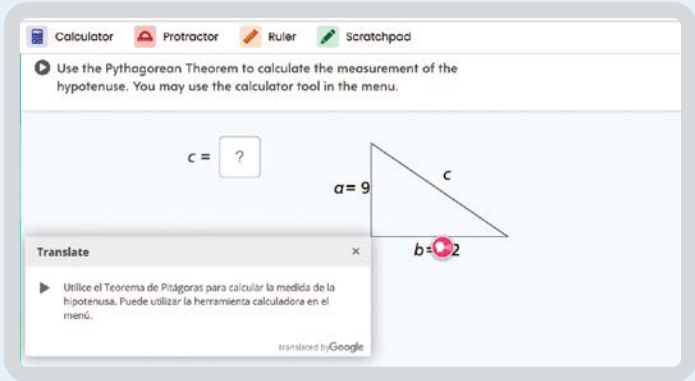
The program's adaptive engine will automatically target each student's specific instructional needs, as shown in the examples below:



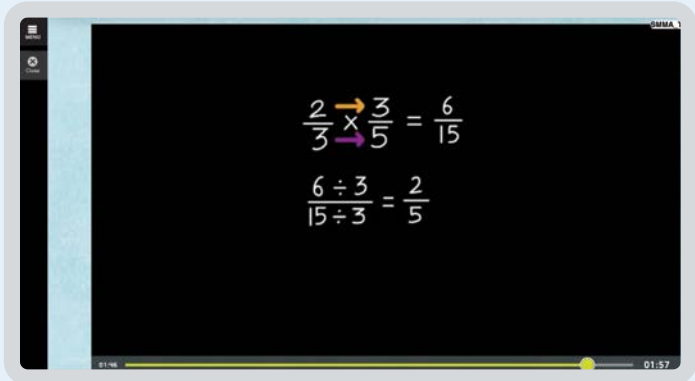
Paige is nearly ready for high school math, but still needs more instruction to master integer operations. The program provides her with personalized instruction while closing any other gaps.



Leon is a multilingual learner who hasn't yet mastered middle grades geometry standards and benefits from *SuccessMaker's* personalized instruction that also provides him with home language support.



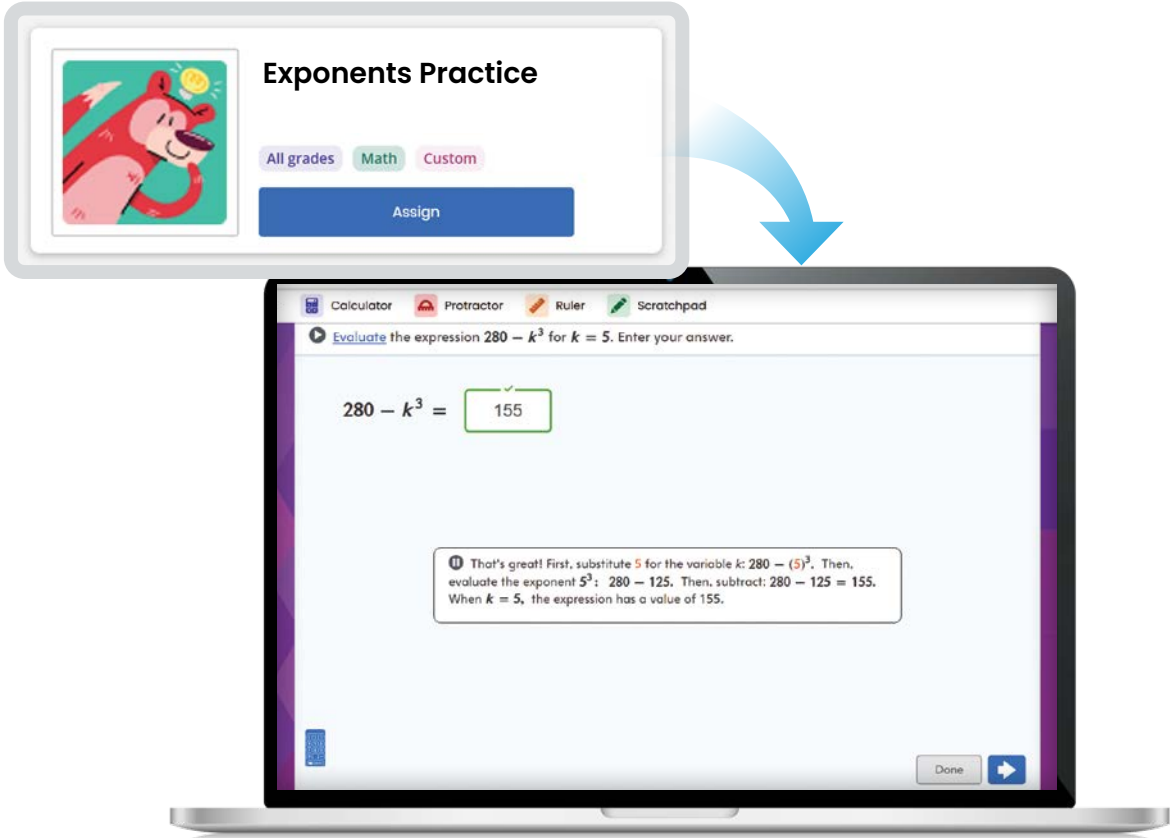
Morgan hasn't mastered math facts to automaticity and requires significant instructional support with rational numbers, which *SuccessMaker's* personalized adaptive engine automatically provides.



Just-In-Time Support for Grade Level Instruction

Align to Core Grade-Level Instruction

Along with the system-driven adaptive course, *SuccessMaker: Foundations of High School Math* allows high school teachers to create additional adaptive targeted assignments to support grade-level Algebra 1 or Integrated Math I instruction.



For example, if a student is working on earlier foundational skills in the system-driven adaptive course, but an upcoming Algebra 1 lesson requires a student to have a solid understanding of exponents, a teacher can create an adaptive practice assignment to give a student more work with exponents to support the upcoming Algebra 1 lesson.

What's Included

SuccessMaker: Foundations of High School Math provides comprehensive coverage of all K-8 state mathematics standards. The program also includes select high school math content chosen for its coherence and connections to middle grades mathematics standards, and its criticality to later success in high school mathematics. The high school content lets teachers provide additional personalized instruction for specific high school skills.

Included High School Content

Strand	High School Skills Addressed
Number and Quantity	• Extend the properties of exponents to rational exponents.* • Use properties of rational and irrational numbers • Reason quantitatively and use units to solve problems
Algebra	• Seeing structure in expressions • Add, subtract, and multiply polynomials • Create equations that describe numbers or relationships • Reasoning with equations and inequalities
Functions	• Interpreting functions • Building functions* • Linear and Exponential Models*
Statistics and Probability	• Interpret categorical and quantitative data* • Make inferences and justify conclusions*
Geometry	• Congruence* • Similarity, Right Triangles, and Trigonometry* • Expressing Geometric Properties with Equations*

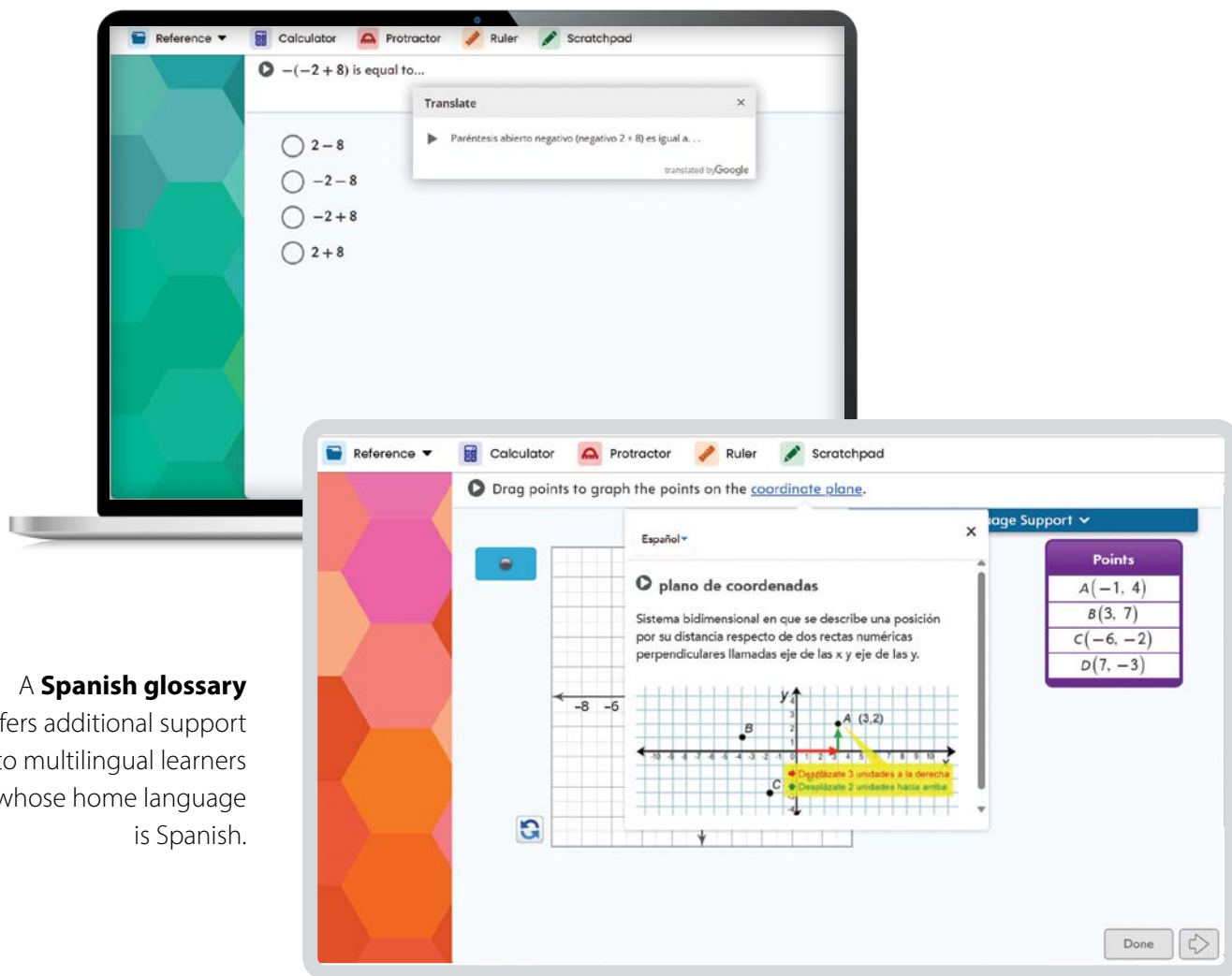
*Coverage focuses on key concepts and is not inclusive of every high school math skill.

Digital Scaffolding & Support

SuccessMaker: Foundations of High School Math provides just-right levels of scaffolding to provide effective, engaging mathematics intervention to high school students.

Support Multilingual Learners

The program provides translations in 100+ languages to support multilingual learners in accessing math skills and concepts.



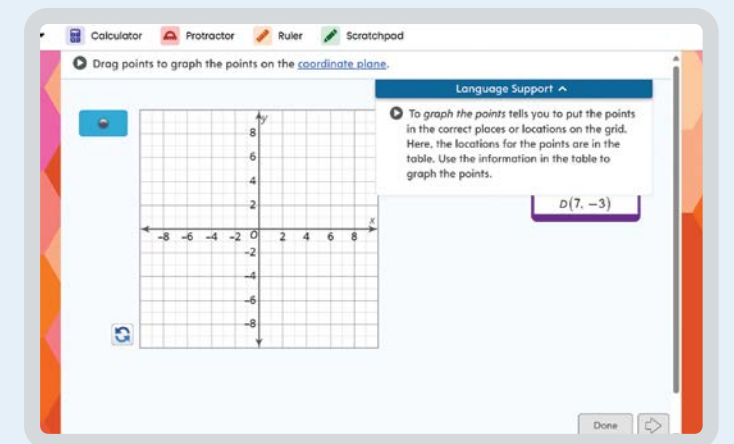
A **Spanish glossary** offers additional support to multilingual learners whose home language is Spanish.

Language Scaffolding Makes Math Content Accessible

SuccessMaker: Foundations of High School Math provides intervention students with point-of-use access to easy-to-understand explanations that build their comprehension of both academic language and math vocabulary.

The program's unique embedded language support breaks down exactly what a problem is asking a student to do, just the way a teacher or tutor would.

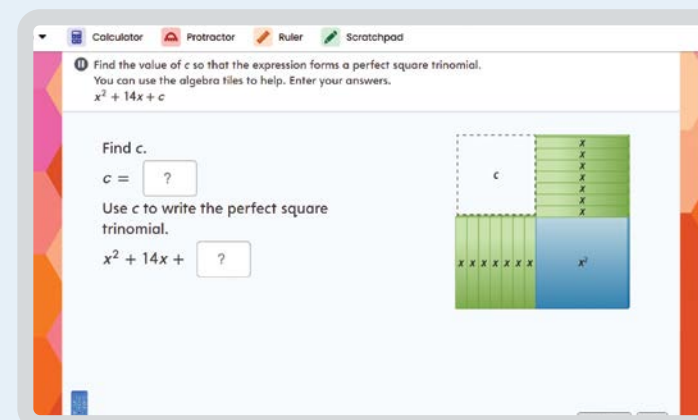
Embedded language support can be read aloud to students or translated in 100+ languages.



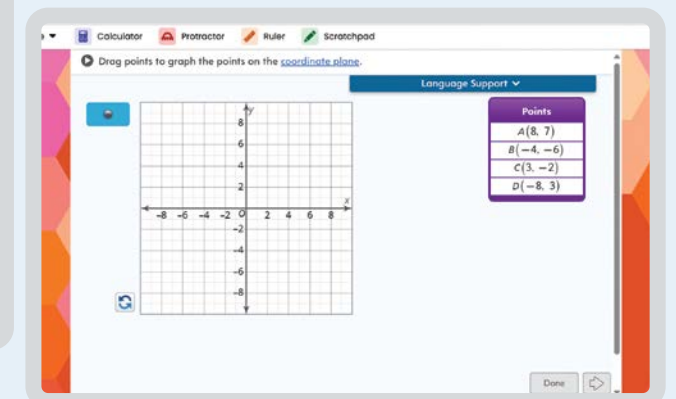
Digital Manipulatives

The program includes digital manipulatives to strengthen students' understanding of foundational math concepts critical for success in high school math.

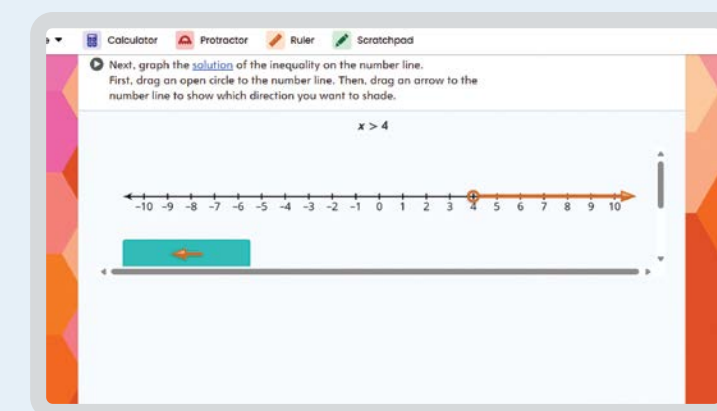
Algebra Tiles



Coordinate Plane Graphing



Interactive Number Line

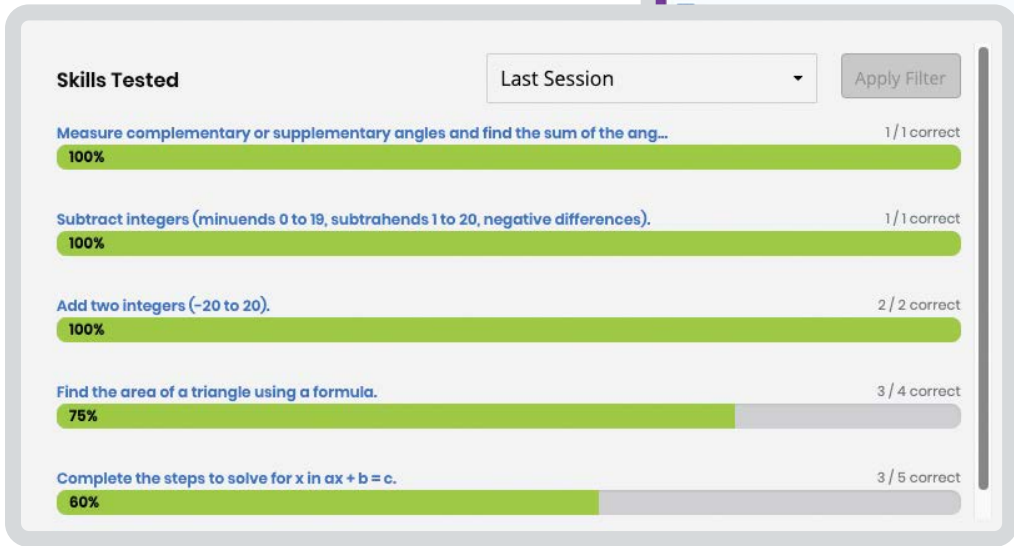
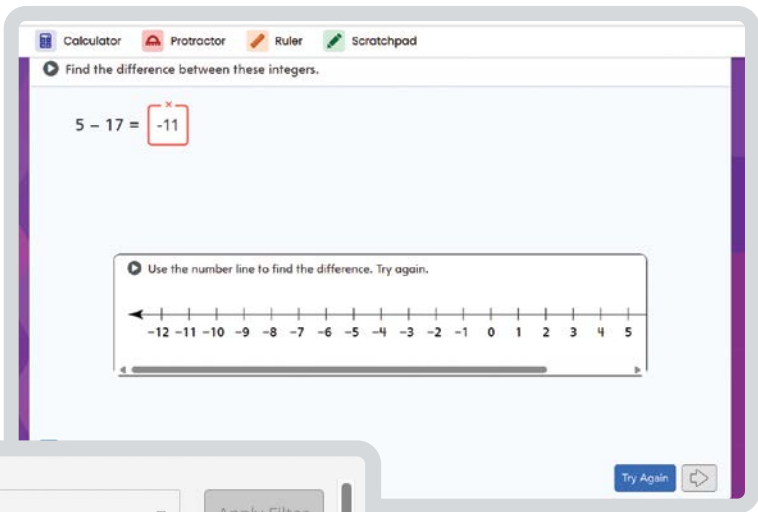


Real-Time Growth Monitoring

SuccessMaker: Foundations of High School Math adapts to student performance in real time, so teachers never need to wait for a benchmark assessment period to get a real-time view of student mastery and growth.

Monitor Skills and Standards Mastery

The program makes it easy to monitor which skills and state standards students have mastered and where they require more support.

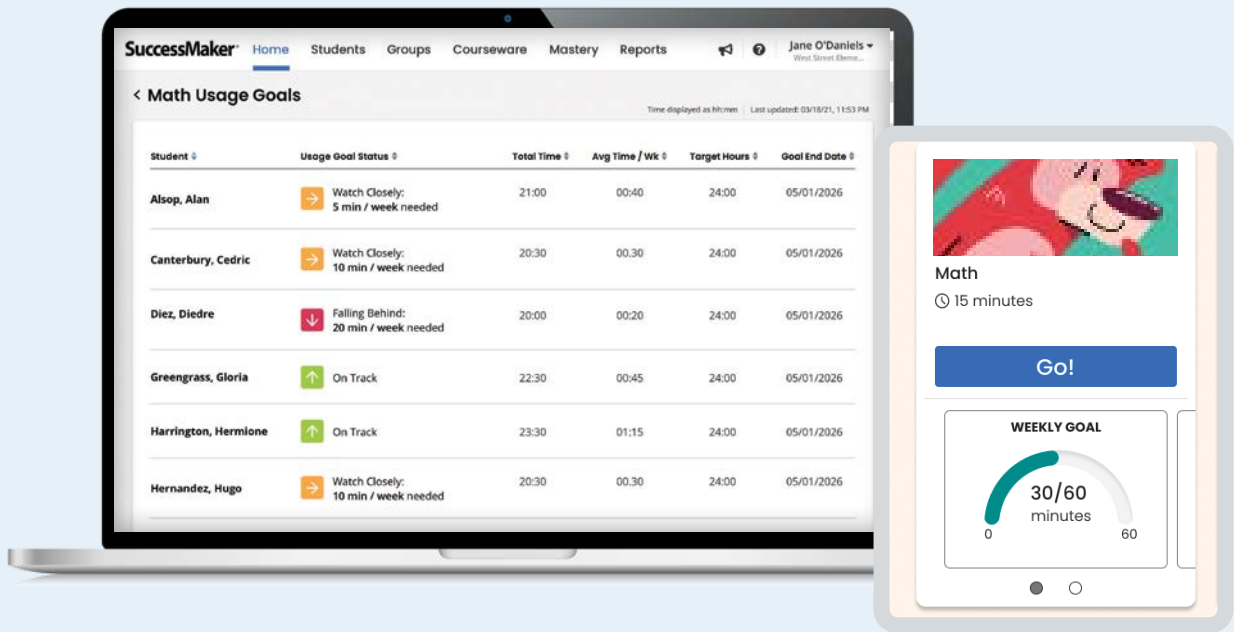


Instant Instructional Insights

It's easy to see how students performed on their most recent sessions in the program. Teachers can see exactly where students struggled. Teachers also have access to English and Spanish targeted lessons that can be used if students need additional teacher or tutor-led support on elementary or middle grades prerequisite skills.

Growth from Any Starting Point

The program lets educators set an individualized target learning goal and target learning date for each student. Want a 9th grader to be up to speed on all Grade 8 content by December? Just set that target learning goal and date within the program.



No Guesswork for Success

With *SuccessMaker: Foundations of High School Math*, high school students know exactly where they stand and exactly what they need to do to reach their math learning goals. The program forecasts student performance based on their up-to-the-minute usage, then prescribes the exact amount of weekly usage each student needs to reach a specific target learning goal.



successmaker®

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