SpringBoard®

Transforming Teaching Practices and Student Learning

Mathematics at a Glance Grades 6–12



Transform Teaching Practices and Student Learning

SpringBoard® is a strategically developed, comprehensive instructional program. Combining rigorous instruction, performance-based assessments, and immersive professional learning, SpringBoard prepares students for success in Advanced Placement® courses and in college-level work.

Beginning with the end in mind.

Effective instructional tools, back mapped to assessments, help teachers adapt the program to specific students' needs.

Unit Overview

provides the big picture of the unit for students.

Unit. Overview Ask students to send the past overview and mark the text to identify key phones that indicate what they will learn to this said.

Unpacking Embedded Assessments

identifies knowledge, skills, and vocabulary assessed on each Embedded Assessment.



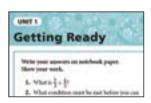
Key Terms (Academic Vocabulary and Mathematic Terms)

separate academic and mathematic terms to support literacy in the mathematics classroom.

Nay Terms. As students measured race terms in this sain, help them to shower an appropriate graphs or guession for thriv would study. As they complete a graphic regardine, here there gives it is of this much notethnois and arotic as smoled as they gare additional knowledge about ook wood in concept.

Getting Ready

assesses students'
prerequisite skills and
connects to the focused
Getting Ready Practice
available on SpringBoard
Digital.



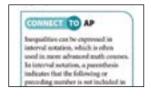
Essential Questions

guide rigorous instruction and student understanding using universal questions.



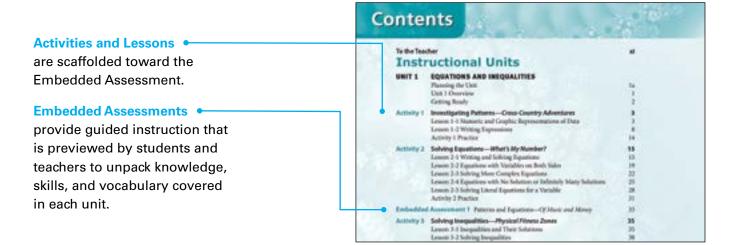
AP® Connections

serve as explicit pathways to college readiness and advanced mathematics course work.

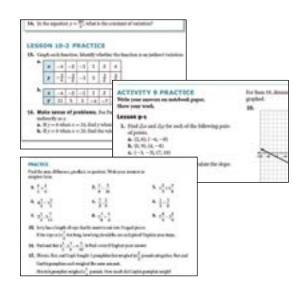


A road map of every unit.

A variety of texts, tools, and activities in a clear learning sequence.

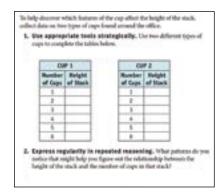


Formative Assessment, Differentiation, and Practice



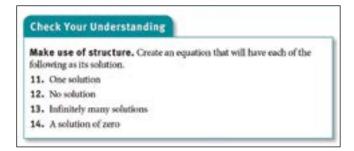
Lesson Practice, Activity Practice, and Additional Unit Practice

provide the opportunity for students to practice new learning and build fluency, with additional practice available in SpringBoard Digital Editions.



Mathematical Practices

guide teaching and learning and are called out in bold print for easy identification.



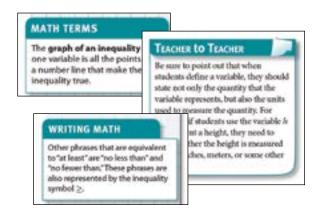
Check Your Understanding

provides fast, formative assessments prior to lesson practice.

SUGGESTED LEARNING STRATEGIES: Levels of Questions, Think-Pair-Share, Interactive Word Wall, Construct an Argument, Quickwrite

Strategies

suggest a variety of research-based approaches to meet learning targets.



Callouts for Differentiating Instruction, Reading Terms, Writing Math, and Teacher to Teacher

provide additional support for teachers and students at point of use.



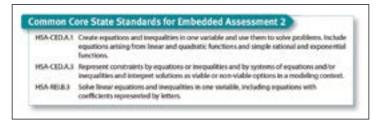
Work Worth Doing

SpringBoard activities are strategically scaffolded.

ACTIVITY 3 Guided **Activity Standards Focus** In Activity 3, students write and solve linear inequalities in one variable, including multi-step inequalities and inequalities with variables on both sides. They graph solutions of inequalities onnumber lines and explore how inequalities can represent constraints in real-world situations. They also solve and graph compound inequalities. Throughout this activity, emphasize the importance of paying attention to the inequality sign and the circumstances in which it should be reversed. Lesson 3-1

Activity Standards Focus

targets components of the standards addressed by each activity.



College and Career Readiness Standards

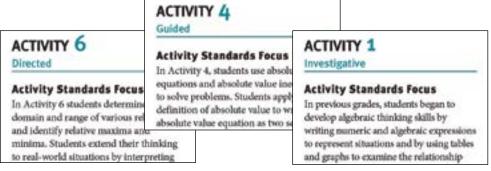
are explicitly called out.

Learning Targets:

- Understand what is meant by a solution of an inequality.
- Graph solutions of inequalities on a number line.

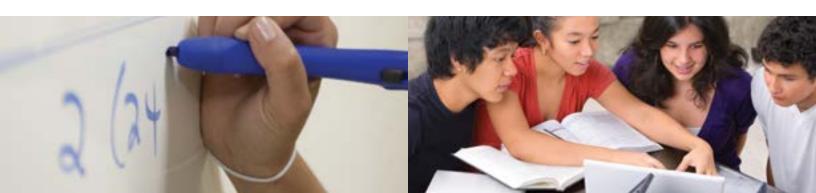
Learning Targets

show standards in student-friendly language.



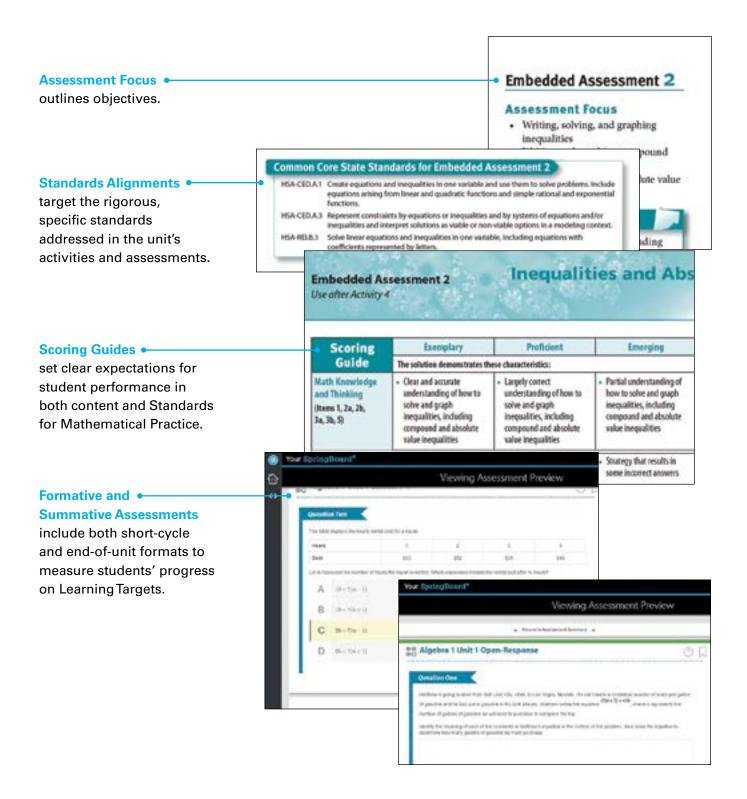
Balanced Approach:

- 1. Directed activities build fluency and procedural understanding.
- 2. Guided activities support concepts requiring both direct instruction and investigative learning.
- 3. Investigative activities empower students to explore and discover mathematical concepts through a contextual setting.



Assessment Drives Instruction

Each Instructional Unit is built around a performance-based Embedded Assessment.



SpringBoard® Digital

Seamless integration for instructional continuity.

24/7 online access.

Assessments •

with multiple-choice, short answer, and technologyenhanced items can be printed or delivered online.

Planning and Organizational Tools •

for teachers include Lesson Planner, Teacher Notebook, Class Manager, and Gradebook.

Reports •

cover student performance, standards mastery, item analysis, and trend data.

Differentiation Resources

provide personalized instruction, additional unit practice, mini-lessons, and Spanish/English Glossary.



Teacher Resources

are just a click away and include blackline masters, graphic organizers, parent letters, and reproducible manipulatives.

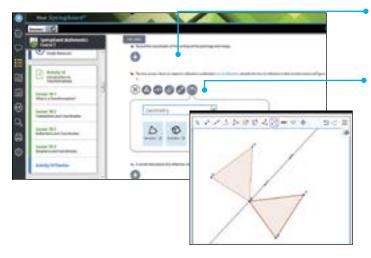
Communications Tools

enable messaging and portfolio development, and provide a channel for teacher-to-student feedback.

The SpringBoard • Online Community

connects educators with a peer-to-peer Online Learning Community and resources, including a video for sharing best practices and addressing daily instructional needs.

Interactivity enriches teaching and learning.



Editable

Student and Teacher Editions with interactive textmarking tools (underline, circle, highlight, sticky notes).

Interactive Mathematic Tools

are available, such as GeoGebra dynamic software and probability tools, virtual algebra tiles, a graphing calculator powered by Desmos, a protractor, and more. These support the Mathematical Practices and Processes.

Videos at Point of Use

cover mathematical background, pedagogy, and program support to aid successful implementation.

For more information about SpringBoard Mathematics, go to collegeboard.org/springboard or call us at 877-999-7723.

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