CollegeBoard SpringBoard

Instructional Newsletter: Math

Hello SpringBoard educators! In this quarter's Instructional Newsletter, you will find resources to make learning visible for students, professional learning experiences, and links to support your teachers and students.

Spring 2018

Visible Learning Opportunities in SpringBoard

How do educators make learning visible for students? Educators need to be able to see when learning has occurred and what type of tools or strategies have the greatest impact.

Teachers need to recognize when it is time to move forward once students have learned a concept, skill, or standard. Feedback can be used to solidify initial learning, determine if students are ready to move forward, or provide additional time and practice. Students need tools and strategies they can use to independently transfer their knowledge to multiple applications. Essentially, we are asking students to understand who they are as learners, what the task demands are, what strategies can be leveraged to solve problems, and how to persevere.

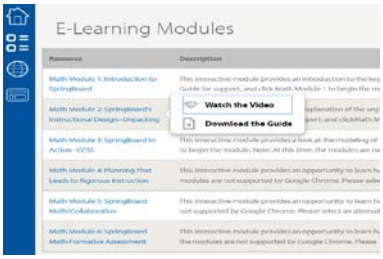
Resources to Create Meaning

- **Purposeful Planning** – Knowing what strategies to implement for maximum impact. A list of SpringBoard Learning Strategies to support teaching and learning is included in both Teacher and Student Editions. Review the Teacher Wrap for suggestions on how to utilize these strategies in daily lessons. Click here to view some high impact strategies in action.
- **Teacher Clarity** – Makes clear to students the learning and language targets, success criteria, and expectations for collaboration. Embedded in every SpringBoard Activity are learning targets to help communicate the expectations for learning and establish a connection to standards. Additionally, students can unpack the Embedded Assessment and corresponding rubric to understand the skills and knowledge needed to demonstrate proficiency.
- **Assessing Learning** – Includes teachers providing multiple opportunities for formative and summative assessments. Embedded Assessments, Check Your Understanding, as well as Short-Cycle Assessments are resources that support planning for formative assessments. Additionally, the Assess and Differentiation Instruction sections in the Teacher Wrap offer suggestions for various student populations. Consider using the End of Unit Assessments on SpringBoard Digital to summatively assess students.

Math eLearning Modules

Math Professional Learning Modules are available on SpringBoard Digital. Use these online professional learning modules to build your foundational knowledge of the SpringBoard Math program and to support your growing expertise in using SpringBoard in your classroom.

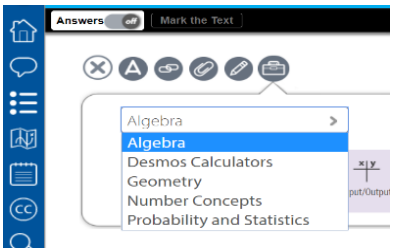
These modules are designed to work flexibly with your needs. You might complete them in the sequence listed for a cohesive, foundational learning experience as you are getting to know SpringBoard Math. Or, complete the modules as separate learning experiences on specific topics to refresh or extend your current SpringBoard Math expertise. Click here to learn how to access the modules.



Citation: Fisher, D., Frey, N., and Hattie, J. (2016). *Visible Learning for Mathematics, Grades K-12: What Works Best to Prioritize Student Learning*. Thousand Oaks, California: Corwin, a SAGE Company.

*** You must be logged onto the SpringBoard Community to access the embedded links ***

SpringBoard Math Tip



As we approach testing season, consider the tools within SpringBoard Digital to build student capacity with digital assessments:

- **Desmos Calculators** – students can access a four-function, scientific, and/or graphing calculator to fit their needs.
- **Equation Editor** – students can use mathematical notation embedded within a word processing text box to communicate their mathematical thinking.
- **Math Tool Box** – students can access a wide variety of virtual mathematical tools organized in four categories: Algebra, Geometry, Number Concepts, and Probability and Statistics.
- **GeoGebra Apps** – students can illustrate geometry concepts using 2D and 3D Geometry tools.

Learning for Leaders

The Leadership Support tab on the SpringBoard Community hosts several resources to support instructional leaders and encourage reflection. The Common Implementation Questions document contains questions that allow leaders to reflect on the expectations set at the beginning of the year. At this point in the instructional year, consider how you would respond to the following questions:

- What will you do when teachers want to revert back to using outdated materials that are not aligned to current standards?
- What will you do when teachers want to stop and reteach the activities until all students get the skills/concepts at a mastery level?
- How will you support teachers who see strategies as the purpose of activities?

Leader Tip: SpringBoard resouces are available to support responses to the reflection questions above. Additionally, Digital Admin Workshops provide interactive modules that can be used as a refresher or to extend your current SpringBoard knowledge.

Professional Learning Symposia

The Professional Learning Symposium is an intensive, immersive, and inspiring multi-day experience for districts moving into the building expertise phase (typically year 2 and beyond). Participants actively practice facilitating SpringBoard Professional Learning, collaborate with colleagues, enhance their content knowledge in SpringBoard ELA or Math, and receive expert coaching from SpringBoard National Faculty members. Districts choose from three different programs based on their participant's role in education and the district's professional learning needs.

East Coast Symposium	West Coast Symposium
April 14-16, 2018	July 13-15, 2018
Atlanta, GA	Phoenix, AZ

If you are interested in obtaining more information about this exciting opportunity please email springboardttt@collegeboard.org!

Showcasing SpringBoard

SpringBoard's Implementation and Instructional Support team invites you to step inside **SpringBoard Interactive Classrooms** from across the country to see how teachers and students make their classrooms come alive! This site features pictures that showcase **elements** of a **SpringBoard classroom**, including:

- unpacked and interactive Embedded Assessments
- students collaborating while engaging with the materials and utilizing learning strategies
- student work samples both within the consumable work text and in the Digital platform
- interactive Word Walls

Click here to view exemplars of SpringBoard classroom elements and to showcase the great things happening in your schools.

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