



## The Redesigned SAT

March 2015

For many, the SAT, or Standardized Achievement Test, brings to mind obscure vocabulary and complex math problems. Starting in 2015-2016 the College Board is launching a new suite of SAT assessments. These assessments are aligned to Arizona's College and Career Ready Standards. Below are some highlights on what to expect in the area of Mathematics.



### Focus on Math that Matters Most

The exam will focus in depth on three essential areas of math: **Problem Solving** and **Data Analysis**, the **Heart of Algebra**, and **Passport to Advanced Math**. **Problem Solving and Data Analysis** is about being quantitatively literate. It includes using ratios, percentages, and proportional reasoning to solve problems in science, social science, and career contexts. The Heart of Algebra focuses on the mastery of linear equations and systems, which helps students develop key powers of abstraction. Passport to Advanced Math focuses on the student's familiarity with more complex equations and the manipulation they require.

In addition to these areas, the exam will sample additional topics in math, including the kinds of geometric and trigonometric skills that are most relevant to college and careers.

Read more about the focus on math that matters most, and [view a sample question](#).

Source: <https://www.collegeboard.org/delivering-opportunity/sat/redesign>

For more information about the Redesigned Mathematics section of the SAT join ADE at the Teachers' Institute on July 9 and 10.

### "Connecting the Redesigned SAT and AZCCRS-Mathematics" on Friday, 7/10/2015

Starting in Spring 2016 the College Board will launch new and redesigned SAT exams. These exams will focus on the few things that evidence shows matters most for college and career readiness. During this presentation participants will

- Learn about the changes the College Board is making to the SAT in mathematics
- Identify practice problems and investigate their implications for teaching
- Make connections between the SAT math test content specifications and Arizona's College and Career Ready Standards – Mathematics

Registration Link: <http://www.azed.gov/teachers-institute/>

The Redesigned  
Mathematics SAT

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#### Resources

The standards & examples in this publication were copied from the AZCCR-M documents at [www.azed.gov](http://www.azed.gov). Here are a few links containing additional information, including details on what each child will be expected to know and do in each grade and tips for parents:

<http://ccesa.az.gov/>

[www.azed.gov/AzMERIT](http://www.azed.gov/AzMERIT)

<http://www.azed.gov/assessment/azsampleassessmentitems/>

<http://achievethecore.org/>

<https://www.engageny.org/>

[www.corestandards.org](http://www.corestandards.org)

[www.pta.org/parentsguide](http://www.pta.org/parentsguide)

<http://www.azed.gov/standards-practices/files2012/05/rttt-implementation-plan-2-6-12.pdf>

[www.theteachingchannel.org/](http://www.theteachingchannel.org/)







