

COMMON CORE STATE STANDARDS IN MATHEMATICS

Ventura Unified School District
Terry Ellingson, Elementary Math Specialist
Natalie Albrizzio, Secondary Math Specialist

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OBJECTIVE:

1. CA Standards update
2. Revisit the “shifts” in mathematics
3. A look at SMARTER Balanced Assessment Consortium

STANDARDS UPDATE

- On Wednesday, January 16, 2013 the state board approved **Modifications to the California Additions** to the Common Core Math standards.
- The biggest impact is CA no longer has an 8th grade Algebra 1 different from high school Algebra 1.
- Next big impact is CA has now put high school standards into 2 sequences of courses – **Integrated and Traditional**.
- Each grade level, K – 12 had some or all of the additions removed.

STANDARDS UPDATE

Middle school math standards
from 1997 to Common Core

1997:

Math 6 → Math 7 → Algebra 1

Common Core:

Math 6 → Math 7 → Math 8 → Algebra 1

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REVIEW OF THE “3 SHIFTS”

1. Focus
2. Coherence
3. Rigor

REVIEW OF THE “3 SHIFTS”

1. Focus

- a. Spend more time on fewer things.
- b. Narrow and deepen the way time and energy are spent in the classroom.
- c. Students gain a stronger foundation.

REVIEW OF THE “3 SHIFTS”

2. Coherence

- a. Coherent progressions from grade to grade.
- b. Standards are an extension of previous learning.
- c. Occurs within a grade when **Major topics** are linked by supporting and additional topics.

REVIEW OF THE “3 SHIFTS”

3. Rigor

Equal intensity with:

- a. **Conceptual understanding** of key concepts
- b. Procedural skill and **fluency**
- c. Application

PHIL DARO – AGAINST ANSWER GETTING (17 MINUTE VIDEO)

[Phil Daro - Against Answer Getting on Vimeo](#)

THE ASSESSMENT

- Smarter Balanced Assessment Consortium (SBAC)
- Pilot testing in 2012 – 2013
- Field testing in 2013 – 2014
- Testing begins in 2014 – 2015
- Summative test in grades 3 – 8, and 11
- CA may add grades 2, 9 and 10

SMARTER BALANCED

Green – governing states, Blue – participating states



ASSESSMENT ITEM TYPES

- Selected Response
- Constructed Response
- Extended Response
- Performance Task

SBAC SAMPLE ITEMS

The sample items and performance tasks are intended to help implement the Common Core State Standards (CCSS) and prepare for next-generation assessments.

While the items and tasks are not intended to be used as sample tests, educators can use them to begin planning the shifts in instruction that will be required to help students meet the demands of the new assessments.

<http://sampleitems.smarterbalanced.org/itempreview/sbac/index.htm>

VUSD WEBSITE FOR TEACHERS

The VUSD office of Curriculum & Instruction has designed this web page as a resource for teachers and parents. We hope these resources will provide useful tools that will promote conversations and collaboration around the Common Core State Standards and use them to guide decisions about rigorous teaching, learning, and assessment.

<http://www.venturausd.org/>



WEBSITES:

- Smarter Balanced Assessment Consortium:
www.smarterbalanced.org
- California Common Core State Standards & resources: www.cde.ca.gov/ci/cc
- Ventura Unified School District:
<http://www.venturausd.org/>

VUSD CONTACTS

- Terry Ellingson – Elementary Math
 - (805)641-5000 x 1034
 - Teresa.ellingson@venturausd.org
- Natalie Albrizio – Secondary Math
 - (805)641-5000 x 1026
 - Natalie.albrizio@venturausd.org