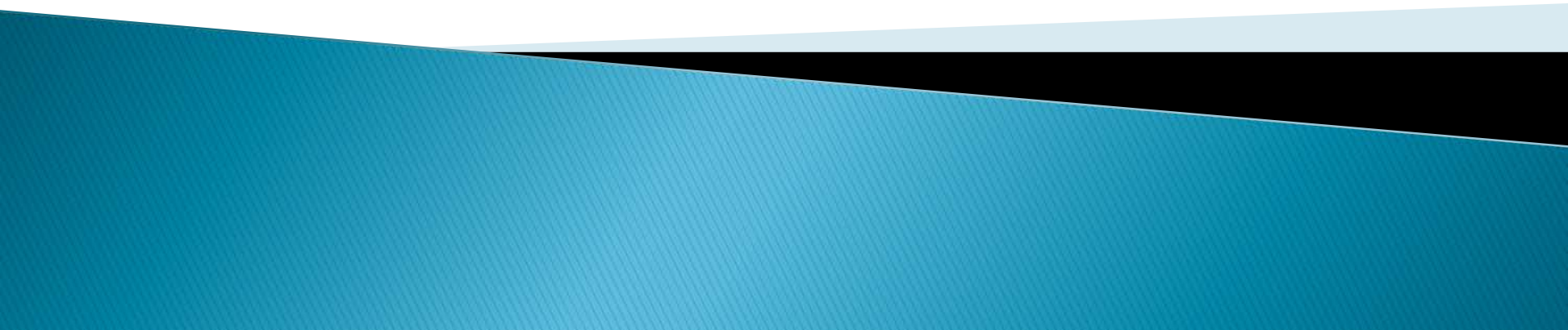


TEA Update on STAAR Mathematics

Texas Assessment Conference
February 2014

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Student Assessment Division
Texas Education Agency



TEA Update on STAAR Mathematics

- ▶ TAKS Update
- ▶ STAAR Update
- ▶ New STAAR Mathematics Assessments
- ▶ Implementation of New Assessments

TAKS Update

- ▶ To be eligible to take TAKS exit level tests, students
 - Must have TAKS as a graduation requirement
 - Must be classified as an 11th grader or higher
- ▶ Beginning in fall 2014, TAKS exit level tests will be available only as an online administration.
- ▶ Beginning in spring 2015, there will no longer be an April TAKS exit level administration.

STAAR Update

STAAR GRADUATION REQUIREMENTS

Required to pass for graduation

- ▶ English I (combined reading and writing)
- ▶ English II (combined reading and writing)
- ▶ Algebra I
- ▶ Biology
- ▶ U.S. History

The STAAR Mathematics Program

For elementary school

grade 3 mathematics

grade 4 mathematics

grade 5 mathematics

For middle school

grade 6 mathematics

grade 7 mathematics

grade 8 mathematics

For high school

Algebra I

Updated Calculator Policy for 2013–2014

STAAR Algebra

Districts must ensure that each student has a handheld graphing calculator to use when taking

- ▶ STAAR Algebra I
- ▶ STAAR L Algebra I
- ▶ STAAR Modified Algebra I

STAAR Biology

Districts must ensure that students have access (one calculator for every five students) to handheld calculators when taking

- ▶ STAAR Biology
- ▶ STAAR L Biology
- ▶ STAAR Modified Biology

Middle School Students Taking Algebra I

- ▶ Middle school students taking Algebra I should be prepared to take both the Algebra I assessment and the grade level assessment.
- ▶ TEA has requested a waiver from the U.S. Department of Education to avoid this double testing.

Students Receiving Algebra I credit

Newly adopted in **Texas Administrative Code 101.3021e**

- ▶ If a student earned high school credit for Algebra I prior to enrollment in a Texas public school district and the credit has been accepted by the district, the student is not required to take the Algebra I assessment.
- ▶ If a student completed a course for Texas high school credit in Algebra I prior to the 2011–2012 spring administration, the student is not required to take the Algebra I assessment.

STAAR Release Schedule

- ▶ The agency is required to release general STAAR assessments for grades 3–8 and EOC (first spring form only) and STAAR Spanish assessments for grades 3–5 (first spring form only) in
 - 2012–2013
 - 2013–2014
 - 2014–2015
 - 2015–2016
- ▶ The agency is required to release general STAAR and STAAR Spanish every third year thereafter.

STAAR Performance Standards

Through commissioner of education rules, TEA is proposing

- ▶ To maintain phase-in 1 performance standards for STAAR for the 2013–2014 school year
- ▶ That performance standards for STAAR EOC assessments be based on when students take their first EOC assessment and apply to all five EOC assessments
- ▶ This proposed rule should be adopted later this spring.

STAAR Standardized Oral Administration (SOA)

- ▶ Is offered online in TestNav using a text-to-speech tool
- ▶ Involves the computer reading test questions and answer choices to students
- ▶ Allows students to
 - Switch between continuous read and word only modes
 - Replay and rewind as needed
 - Adjust the volume and playback rate but not the computer voice

STAAR Standardized Oral Administration (SOA)

- ▶ Was piloted in spring 2013 with a few districts
 - Grade 4 math and reading
 - Grade 8 science and social studies
- ▶ Will be implemented statewide in spring 2014 on a voluntary basis
 - Grade 4 math and reading
 - Grade 7 math and reading
 - Grade 8 science and social studies

STAAR L

- ▶ Students in grades 5 and 8 who are assessed with STAAR L in mathematics will be held to SSI promotion/retention requirements for both mathematics and reading.

STAAR Modified

- ▶ The USDE has informed states that assessments based on modified standards for students served by special education cannot be used for accountability purposes after the 2013–2014 school year.
- ▶ Therefore, STAAR Modified will be administered for the final time in spring 2014.
- ▶ TEA Student Assessment convened an advisory committee in September 2013 to work on plans for the inclusion of this population of students in the general assessment program beginning in spring 2015.

STAAR Alternate

- ▶ Legislation passed in 2013 requires the agency to redevelop STAAR Alternate with no teacher requirement to prepare tasks or materials.
- ▶ The new assessment must be administered no later than the 2014–2015 school year.
- ▶ TEA Student Assessment convened an advisory committee in September 2013 to work on plans for development of this new assessment.

Substitutes for STAAR EOC Assessments

- ▶ Satisfactory performance on other assessments (e.g., AP, IB, SAT, ACT) in equivalent courses can substitute for performance on STAAR EOC assessments.
- ▶ See commissioner of education rule: 19 TAC Chapter 101, Assessment, Subchapter DD, Commissioner's Rules Concerning Substitute Assessments for Graduation

Substitutes for STAAR EOC Assessments

Proposed Substitute Assessments Chart

STAAR EOC Assessment	AP		IB*		PSAT		PLAN		SAT		ACT^	
	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score	Assessment	Passing Score
Algebra I					Mathematics	47	Mathematics	19	Mathematics	500	Mathematics	22
English I+	English Language and Composition	3	Language A: Language and Literature	4					Critical Reading	500	Reading	21
									Writing	500	Combined English/Writing	18
English II+	English Language and Composition	3	Language A: Language and Literature	4					Critical Reading	500	Reading	21
									Writing	500	Combined English/Writing	18
Biology	Biology	3	Biology	4								
U.S. History	U.S. History	3	History of the Americas	4								

*The set passing score for the IB substitute assessments applies to both Standard Level and Higher Level examinations.

^ To use the ACT as a substitute for the STAAR EOC English II assessment, a student must take the optional ACT writing assessment and achieve a combined English/writing score of 18.

+ A satisfactory score on a substitute assessment can apply to either the English I or English II assessment; however, the same assessment cannot be substituted for both the English I and II assessments.

Miscellaneous Information

- ▶ 1-week testing window for Algebra I, Biology, and U.S. History
- ▶ Grade 8 Social Studies moved to math testing day
- ▶ 2014–2015 testing calendar updated
- ▶ SSI manual coming soon
- ▶ TA manuals are already posted

New Mathematics Assessments

New Information Available

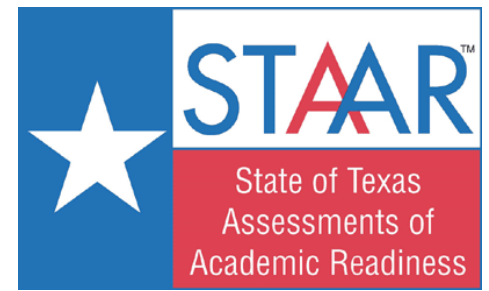
- ▶ New Assessed Curriculum
- ▶ New Blueprints
- ▶ New Reference Materials

New Information Coming Soon

- ▶ New approach to process codes
- ▶ New grids

Calculators in Grade 8

- ▶ New STAAR Policy: Beginning in the 2014–2015 school year, districts must ensure that each student has a handheld graphing calculator to use when taking the STAAR grade 8 mathematics assessment.
- ▶ Districts will be required to have a sufficient supply of calculators available so that each student has access to a calculator, not only on the day of testing but also for routine class work.
- ▶ This policy is aligned with and supports the TEKS by ensuring that all students in grade 8 mathematics classes have access to calculators.



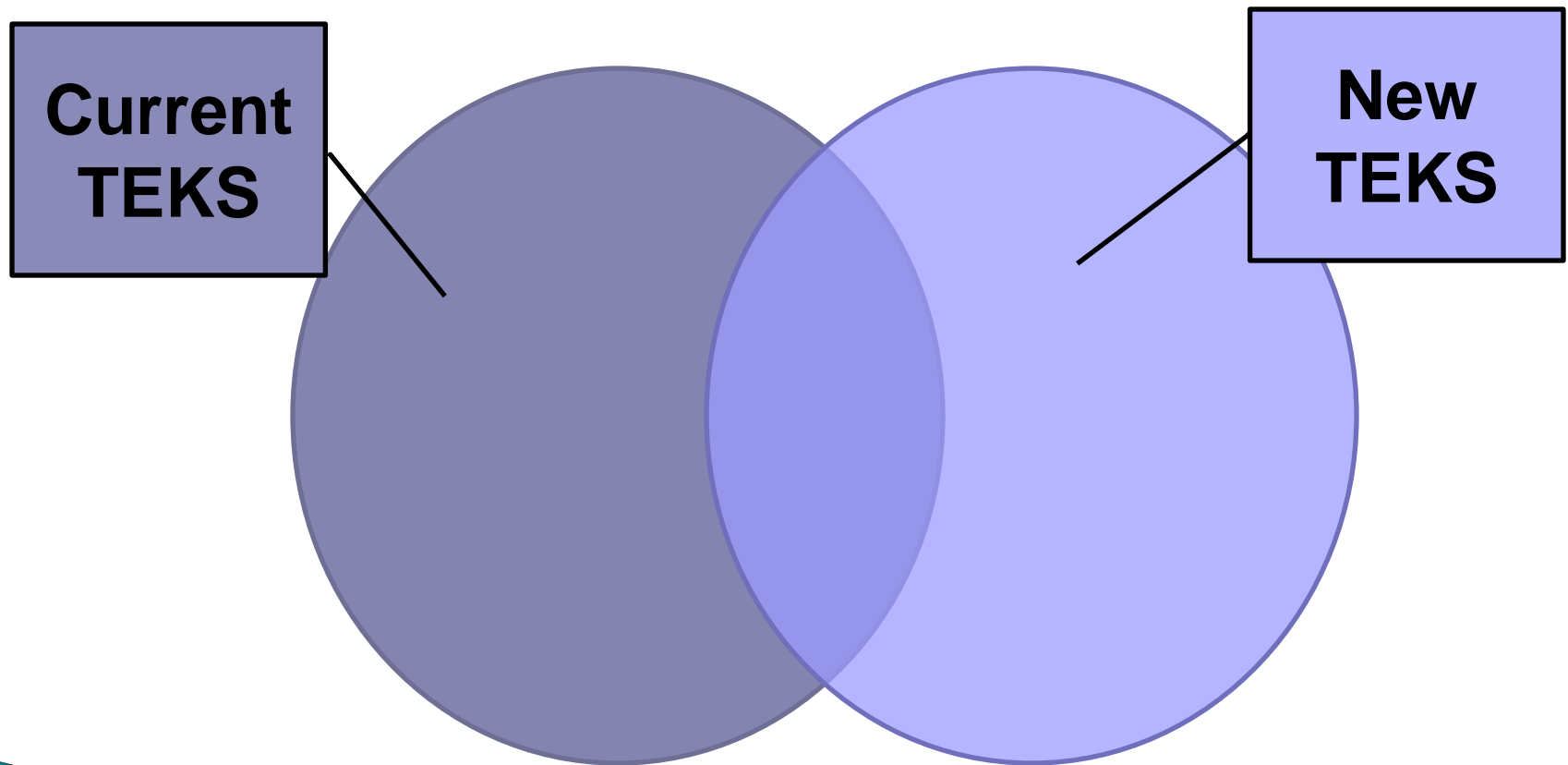
Implementation of New Mathematics TEKS into STAAR

Implementation Plan

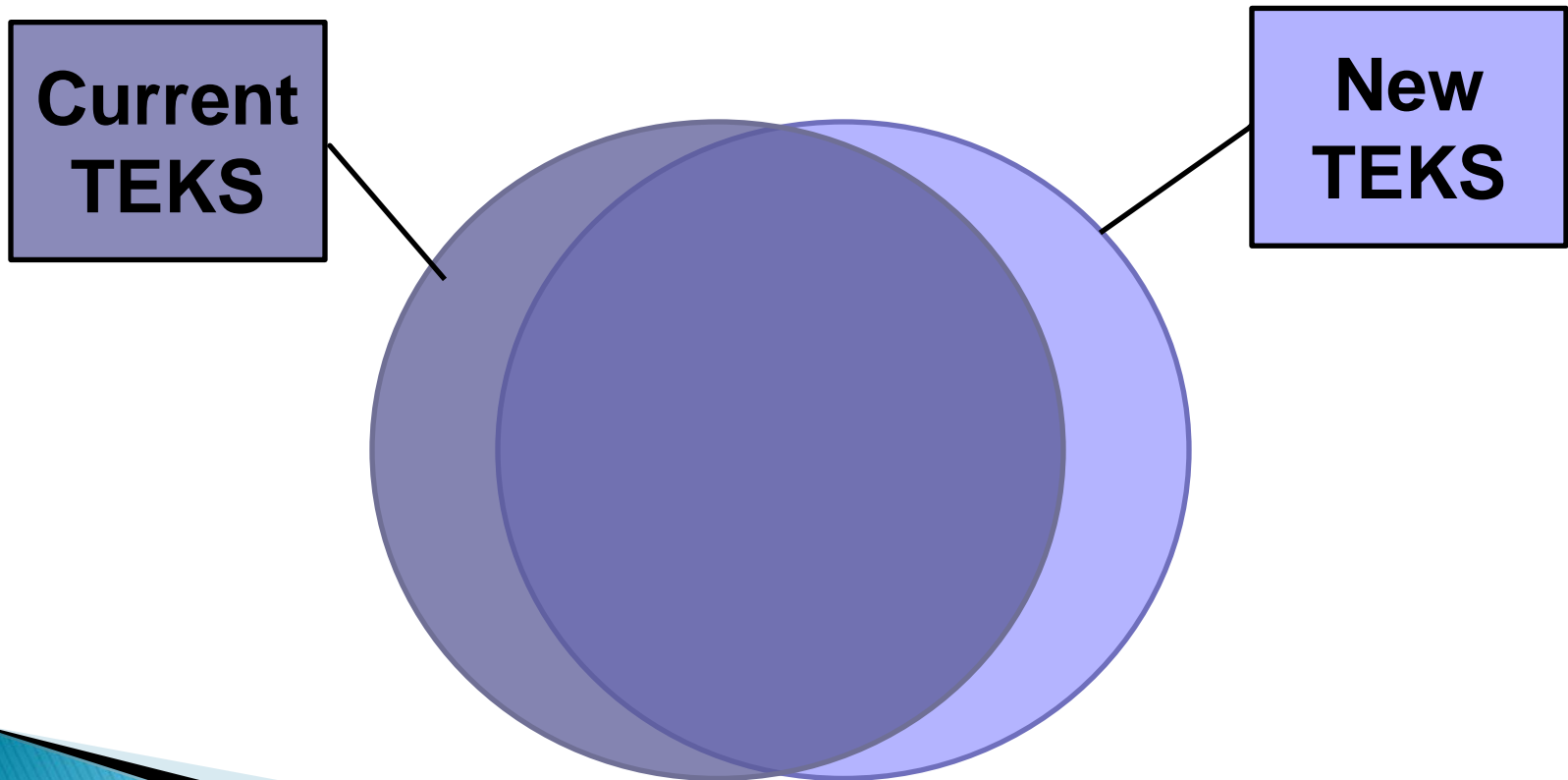
Now that we have studied the new curriculum in depth and have finalized the new test design (readiness/supporting, blueprint, etc.), we have realized that

- The original plan to build an “overlap” test will not likely work for grades 3–8.
- The original plan to build an “overlap” test will work for Algebra I and II.

Alignment of STAAR Grades 3–8 with New Mathematics TEKS



Alignment of STAAR Algebra I and II with New Mathematics TEKS



Timeline for New STAAR Grades 3–8 Math

- Adopted new TEKS in April 2012.
- Convened STAAR advisory groups in October 2013.
- Implement new TEKS in *2014–2015* school year.
- Implement new test design in *2014–2015* school year.
 - New readiness and supporting standards
 - New blueprint
 - New reference materials

Timeline for New STAAR Algebra I and II

- Adopted new TEKS in April 2012.
- Convened STAAR advisory groups in October 2013.
- Implement new TEKS in *2015-2016* school year.
- Implement new test design in *2015-2016* school year.
 - New readiness and supporting standards
 - New blueprint
 - New reference materials

Alignment of STAAR with New Mathematics TEKS

- For any school year, STAAR mathematics assessments will always align to the TEKS implemented in the state for that school year.

New STAAR Mathematics

- ▶ Spring 2014 STAAR mathematics tests
 - Grades 3–8 align to current TEKS and use current test design
 - Algebra I aligns to current TEKS and uses current test design
- ▶ Spring *2015* STAAR mathematics tests
 - Grades 3–8 align to *new* TEKS and use *new* test design
 - Algebra I aligns to current TEKS and uses current test design
- ▶ Spring *2016* STAAR mathematics tests
 - Grades 3–8 align to new TEKS and use new test design
 - Algebra I and II align to *new* TEKS and use *new* test design

Get involved!!!!

- Sign up to be invited to our educator committees
<http://www.tea.state.tx.us/student.assessment/RecommendationEducatorCommittee.pdf>
- You can review and edit STAAR test questions
- You can collaborate with other mathematics educators

Questions?

- ❑ Look on the TEA Student Assessment website:
<http://www.tea.state.tx.us/student.assessment/>
- ❑ Sign up for the listserv
<http://miller.tea.state.tx.us/list/index.html>
- ❑ Call the TEA Student Assessment Division: 512-463-9536
- ❑ Email the TEA Student Assessment Division:
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Student Assessment Mathematics Team

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