

STUDENT ASSESSMENT UPDATE

Texas Projection Measure (TPM)

- A measure of annual student improvement is required by SB 1031, HB 1, and NCLB
- TPM projects students' scores in the future using students' current year scores and campus mean scores

Texas Projection Measure (TPM)

TPM uses 4 predictors for science projections

- **students' current year scale score in math**
- **students' current year scale score in reading**
- **students' current year scale score in science**
- **average campus scale score in science**

Texas Projection Measure (TPM)

- **TPM is reported for each subject as a “Yes” or “No” indicating whether the student is projected to meet the passing standard in that subject at the next high-stakes grade**

Texas Projection Measure (TPM)

Current Grade	Projection Grade
3	5
4	5*
5	8
6	8
7	8
8	11
9	11
10	11
11	N/A

*Grade 4 writing is projected to grade 7 writing

Texas Projection Measure (TPM)

- In spring 2009, TPM was reported for TAKS at grades 3–10 in all subjects except grade 7 writing and grade 8 science
- Online reports that provide additional TPM information for the spring 2009 administrations were posted in September 2009

Texas Projection Measure (TPM)

- More information on the Texas Growth Proposal can be found at http://www.tea.state.tx.us/index3.aspx?id=3688&menu_id3=793
- An explanation of student results with TPM can be found at http://www.tea.state.tx.us/index3.aspx?id=6410&menu_id3=793

Changes to the Assessment Program—House Bill 3

Release Plan for Assessments

- In 2007 legislation changed the release of tests to every three years
- In 2009 legislation changed the release of tests to exclude retests

Changes to the Assessment Program—House Bill 3

Release Plan for Assessments

- In August 2009, TEA released all primary forms of TAKS that were administered during the 2008–2009 school year
- In 2010, TEA plans to release a set of TAKS items to include about 3–5 items per objective per grade and subject
- Prior to 2012, TEA hopes to release a small set of EOC assessment items

Changes to the Assessment Program—House Bill 3

Student Success Initiative (SSI)

- **Students are no longer required to pass TAKS grade 3 reading to be promoted to grade 4 starting in 2009–2010**
- **TAKS grade 3 reading has been moved to the last week in April**
- **No retests for TAKS grade 3 reading**

Changes to the Assessment Program—House Bill 3

Student Success Initiative (SSI)

- **Primary administrations of TAKS grades 5 and 8 reading have been moved from early March to mid April to coincide with mathematics**
- **First retest administrations of TAKS grades 5 and 8 reading have been moved from late April to mid May to coincide with mathematics**
- **LAT administrations of TAKS grades 5 and 8 mathematics and reading have been moved into mid May to coincide with the first retest administrations**

Changes to the Assessment Program—House Bill 3

- **Eliminated Spanish TAKS at grade 6 for mathematics and reading starting in 2009–2010**

Changes to the Assessment Program—House Bill 3

- **Eliminates TAAS retests for students whose graduation requirement is TAAS (or TEAMS) starting in 2009–2010**
- **Students cannot be tested in a subject that was not part of their graduation requirement, e.g., science**

Changes to the Assessment Program—House Bill 3

- Exit level TAKS assessments will be administered to students needing to retest with adjusted passing standards for students whose graduation requirement is TAAS (or TEAMS)
- For more information go to http://ritter.tea.state.tx.us/student.assessment/resources/letters/2010/082409_xl_retests_tas.pdf

Changes to the Assessment Program—House Bill 3

New Assessments at Grades 3–8 & High School

- **Must be linked to college readiness**
- **Will have “fewer, clearer, deeper” focus**
- **Begins in 2011–2012**

Changes to the Assessment Program—House Bill 3

New Assessments at Grades 3–8 & High School

- Convene educator advisory committees in early 2010
- Review curriculum to determine what should be eligible for assessment
- Review assessed curriculum to determine what should be the focus of the assessment

Changes to the Assessment Program—House Bill 3

New Assessments at Grades 3–8 & High School

- **Vertically align assessments from college and career readiness concepts in EOC assessments to new middle school assessments and to new elementary assessments**
- **New assessments will focus on specific knowledge and skills with others rotating into the assessments across years**

Changes to the Assessment Program—House Bill 3

New Assessments at Grades 3–8 & High School

- **New assessment blueprints**
- **New reference materials**
- **New information booklets**

Changes to the Assessment Program—House Bill 3

New Assessments at Grades 3–8 & High School

- **Setting performance standards**
- **Standards for EOC assessments planned for fall 2011**
- **Standards for grades 3–8 assessments planned for fall 2012**

EOC Assessments

Science Similarities between TAKS and EOC

- **Aligned to TEKS**
- **Untimed**
- **Calculators must be provided**
- **Mostly multiple-choice questions**
- **After first year, field-test questions will be embedded in operational test**

EOC Assessments

Science Differences between TAKS and EOC Current coverage of Biology TEKS

- TAKS grade 10 covers about **35%** of Biology TEKS
- TAKS exit level covers about **42%** of Biology TEKS
- Biology EOC assessment covers **100%** of Biology TEKS

EOC Assessments

Science Differences between TAKS and EOC

Current coverage of Chemistry TEKS

- TAKS grade 10 covers about **0%** of Chemistry TEKS; it includes chemistry skills from IPC (objective 4)
- TAKS exit level covers about **0%** of Chemistry TEKS; it includes chemistry skills from IPC (objective 4)
- Chemistry EOC assessment covers **100%** of Chemistry TEKS

EOC Assessments

Science Differences between TAKS and EOC

Current coverage of Physics TEKS

- TAKS grade 10 covers about **0%** of Physics TEKS; it includes chemistry skills from IPC (objective 5)
- TAKS exit level covers about **0%** of Physics TEKS; it includes chemistry skills from IPC (objective 5)
- Physics EOC assessment covers **100%** of Physics TEKS

EOC Assessments

Current legislation requires the phase-out of high school TAKS and replaces it with EOC assessments in

- **English I, English II, English III**
- **Algebra I, Geometry, Algebra II**
- **U.S. History, World History, World Geography**
- **Biology, Chemistry, Physics**

EOC Assessments

- Freshman class of 2011–2012 is first group to have EOC assessments as a graduation requirement
- That is the current 7th graders
- All 12 EOC assessments will be available in 2011–2012

EOC Assessments

Plan for phase-out HS TAKS and phase-in EOC assessments

	2009–2010	2010–2011	2011–2012	2012–2013	2013–2014	2014–2015
GR 9	TAKS	TAKS	EOC	EOC	EOC	EOC
GR 10	TAKS	TAKS	TAKS	EOC	EOC	EOC
GR 11	TAKS	TAKS	TAKS	TAKS	EOC	EOC
GR 12	TAKS*	TAKS*	TAKS*	TAKS*	TAKS*	EOC or TAKS*

EOC Assessments

- **EOC assessments shall measure a student's performance on college readiness standards**
- **EOC assessments will include special purpose questions to measure college readiness (Algebra II and English III)**
- **If a link is substantiated between performance on science and/or social studies EOC assessments and college readiness, then college readiness performance standards may be established**

EOC Assessments

- In order to graduate, a student must achieve a cumulative score that is at least equal to the product of the number of EOC assessments taken in that content area and a scale score that indicates satisfactory performance
- For each of the four core content areas, the cumulative score $\geq n \times$ passing scale score, where n = number of assessments taken

EOC Assessments

- Students have to meet the cumulative score requirement in each of the four core content areas
- Students on the RHSP have to perform satisfactory on EOC assessments for Algebra II and English III in addition to meeting the cumulative score requirement
- Students on the DAP have to perform satisfactory on the college-readiness component of the EOC assessments for Algebra II and English III in addition to meeting the cumulative score requirement

EOC Assessments

- A student must achieve a minimum score, as determined by the commissioner, for the score to count towards the student's cumulative score
- A student's cumulative score is determined using the student's highest score on each EOC assessment
- The 0–100 scale with references to scores of 60 and 70 has been deleted from the law

EOC Assessments

- **If a student does not achieve the minimum score on an EOC assessment, the student shall retake the assessment**
- **If a student does not perform satisfactorily on the college-readiness component of the EOC assessments for Algebra II or English III, the student may retake the assessment**

EOC Assessments

- **A student's score on an EOC assessment will be worth 15% of the student's final grade for that course**
- **A school district is not required to use the student's score on subsequent administrations to determine the student's final grade for that course**

Current EOC Assessments

- **Untimed, but designed to be about 2 hours**
- **Not grade specific**
- **Not required to be part of student's grade**
- **Not included in state or federal accountability**
- **No retests available until 2011–2012**

Current EOC Assessments

- **Districts may volunteer for field tests and operational tests (online or paper when available) at the**
 - **student,**
 - **teacher,**
 - **campus,**
 - **or district level**

Current EOC Assessments

- **Three week testing window for field tests (May 3–21)**
 - English I
 - Algebra II
- **Three week testing window for operational tests (May 10–28)**
 - Algebra I and Geometry
 - U.S. History and World Geography
 - Biology, Chemistry, and Physics

Current EOC Assessments

2010 Biology EOC Assessment

- **Operational**
- **Mandatory for those districts selected; districts were assigned either paper or online**
- **Voluntary for everyone else; districts can choose paper, online, or combination**

Current EOC Assessments

2010 Chemistry EOC Assessment

- **Operational**
- **Mandatory for those districts selected; districts were assigned either paper or online**
- **Voluntary for everyone else; districts can choose paper, online, or combination**

Current EOC Assessments

2010 Physics EOC Assessment

- **Operational**
- **Voluntary for everyone**
- **Online only**

Current EOC Assessments

- **Biology**
 - **Field test—spring 2007**
 - **First operational test—spring 2008**
- **Chemistry**
 - **Field test—spring 2008**
 - **First operational test—spring 2009**
- **Physics**
 - **Field test—spring 2009**
 - **First operational test—spring 2010**

Current EOC Assessments

- Resources available
 - Assessed curriculum
 - Assessment blueprint
 - Assessment reference materials
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- Can be found at http://www.tea.state.tx.us/index3.aspx?id=3302&menu_id3=793

Current EOC Assessments

- **Within 24 hours of online testing**
- **Confidential Student Report**
- **Confidential List of Student Results**
- **Data file available in summer**
- **Overall raw score**
- **Performance by objective**
- **Summary reports available in summer**
- **Overall raw score frequency distribution**
- **Objective level raw score frequency distribution**
- **Cumulative raw score frequency distribution**

Current EOC Assessments

2009 Biology Results

- **Total number of questions—54**
- **Mean raw score—33**
- **Mean percent correct—61%**

Current EOC Assessments

2009 Chemistry Results

- **Total number of questions—50**
- **Mean raw score—28**
- **Mean percent correct—56%**

Current EOC Assessments

Calculator Policy Changes—Chemistry & Physics

- **Currently one scientific or graphing calculator is required for every five students**
- **New policy requires one scientific or graphing calculator for each student**

Current EOC Assessments

Calculator Policy Changes—Chemistry & Physics

- **Recommend the one-calculator-per-student policy for spring 2010 administrations**
- **Require the one-calculator-per-student policy for spring 2011 administrations**

Current EOC Assessments

Calculator Policy Changes—Chemistry & Physics

- **Calculators required in revised TEKS**
- **High number of skills requiring calculations in TEKS**
- **Districts can use American Recovery Reinvestment Act State Fiscal Stabilization funds to purchase additional calculators**

Current EOC Assessments

- **Biology EOC Assessment**—students must have access to four function, scientific, or graphing calculators, at least 1 calculator for every 5 students
- ***Chemistry EOC Assessment**—each student must have a scientific or graphing calculator to use throughout the test
- ***Physics EOC Assessment**—each student must have a scientific or graphing calculator to use throughout the test

*Recommended in spring 2010; required beginning in spring 2011

Current EOC Assessments

Development of EOC assessments...

- Follows the Test Development Process posted on the TEA student assessment website
- Involves educator committees such as focus groups, advisory committees, item reviews, and data reviews
- Involves the Texas Higher Education Coordinating Board
- Includes higher-education faculty

Your Input Is Needed

- Educator involvement in test development is critical to process
- Highly qualified educators are needed to serve on educator committees, especially at the high school level
- The Educator Recommendation Form can be found at <http://ritter.tea.state.tx.us/student.assessment/develop/recform.pdf>

Effects of Science TEKS Revisions on Assessments

- **Some student expectations have been deleted**
- **Some existing student expectations have limitations on the required skills and concepts**
- **Items that assess skills and concepts that have been deleted or are beyond these limitations will be deleted**

Effects of Science TEKS Revisions on Assessments

- **Some existing student expectations have additional or expanded skills and concepts**
- **Eligibility of these additional or expanded skills and concepts to be assessed needs to be determined**

Effects of Science TEKS Revisions on Assessments

- **Some student expectations are new**
- **Eligibility of this new content to be assessed needs to be determined**

Effects of Science TEKS Revisions on Assessments

- If the new skills and concepts are determined to be eligible to be assessed, then TEA will
 - Develop new items in 2010
 - Field test new items in 2011
 - Test new items in 2012

Effects of Science TEKS Revisions on Assessments

- **Spring 2010 assessments will be aligned to TEKS in place in the state for 2009–2010 school year**
- **That is the TEKS that were adopted in 1997 and effective in 1998**

Effects of Science TEKS Revisions on Assessments

- Revised TEKS that were adopted in 2009 are scheduled to be implemented in the 2010–2011 school year
- TEA is aware that some districts have chosen early implementation of the revised TEKS
- TEA is aligning the spring 2010 assessments with the revised TEKS to the extent possible

Effects of Science TEKS Revisions on Assessments

- **Spring 2011 (and beyond) assessments will be aligned to TEKS in place in the state for that school year**
- **That is the revised TEKS that were adopted in 2009**

For More Information Go To ...

- **Texas Education Code chapter 39 at <http://www.statutes.legis.state.tx.us/Docs/ED/htm/ED.39.htm>**
- **House Bill 3 at <http://www.capitol.state.tx.us/tlodocs/81R/billtext/pdf/HB00003F.pdf>**

For More Information Go To ...

- Letter sent to districts on 09/18/09 about student assessment program updates for 2009–2010 at http://ritter.tea.state.tx.us/student.assessment/resources/letters/2010/091809_assessment_updates.pdf
- Letter sent to districts on 09/02/09 about field testing and related activities for the Texas assessment program at http://ritter.tea.state.tx.us/student.assessment/resources/letters/2010/090209_fieldtest_notification.pdf

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