

TEA Science Update

- **Science TEKS**
- **Career & Technical Education TEKS**
- **Graduation Requirements**
- **STAAR Assessment Program**
- **Presidential Awards**
- **National Youth Science Camp**

TRC Science Director Meeting

February 10, 2010

Science TEKS

Professional development opportunities

- **Spring and summer 2010**
 - K-12 science TEKS (1 day)
 - 5-8 Academies (3 days)
 - Biology EOC Success (3 days)
- **Spring and summer 2011**
 - Chemistry and Physics EOC Success

Science TEKS – Instructional Materials

- **Spring 2010**
SBOE considers issuing Proclamation 2012
- **Fall 2011 – Spring 2012**
Districts select instructional materials from Proclamation 2012 (pending funding)
- **Fall 2012**
New instructional materials in schools

Career and Technical Education TEKS & Science

Additional CTE courses to satisfy science graduation requirements (19 TAC Chapter 130)

- **Advanced Animal Science** (subchapter A)
- **Advanced Biotechnology** (subchapter O)
- **Advanced Plant and Soil Science** (subchapter A)
- **Food Science** (subchapter I)
- **Forensics** (subchapter L)
- **Engineering Design and Problem Solving** (subchapter O)

Amendments to Graduation Requirements

Recommended HS Program

- **Additional CTE courses were added as options to satisfy 4th science requirement.**
- **Phase-out of IPC was removed.**
 - **IPC must be completed prior to Chemistry and Physics.**
 - **Biology, Chemistry, and Physics are required for all students.**
 - ***However, those students who completed IPC prior to 2010-2011 may satisfy science requirements as currently stated in the TAC.***

Amendments to Graduation Requirements

Distinguished Achievement Program

Additional CTE courses were added as options to satisfy the 4th science requirement.

Additional Resources

- **Recent correspondence explaining the changes to the graduation requirements:**
<http://ritter.tea.state.tx.us/taa/stanprog012510.html>
- **Additional detailed information, including a side-by-side and FAQ Volume 1:**
<http://www.tea.state.tx.us/graduation.aspx>



State of Texas Assessments
of Academic Readiness

Assessment Program

- **STAAR includes the 12 end-of-course assessments and the new grade 3-8 assessments.**
- **The new program begins in the 2011-2012 school year.**
- **Students beginning high school as freshmen in 2011-2012, who are currently in seventh grade, will be the first students who must meet the end-of-course testing requirements, in addition to meeting credit requirements, in order to earn a diploma.**



State of Texas Assessments
of Academic Readiness

Assessment Program

- Test will focus on “fewer, clearer, deeper” content.
- Educator advisory committees will provide input.
 - TEKS will be reviewed to determine what should be eligible for assessment.
 - Eligible TEKS will be reviewed to determine what should be the focus or the “core” of the assessment.
- New assessments will address the “core” TEKS annually, with other eligible “rotating” TEKS being assessed across years.

End-of-Course Exams

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

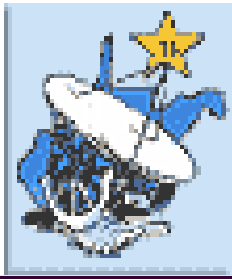
	2008– 2009	2009– 2010	2010– 2011	2011– 2012	2012– 2013	2013– 2014
Grade 9	TAKS	TAKS	TAKS	EOC	EOC	EOC
Grade 10	TAKS	TAKS	TAKS	TAKS	EOC	EOC
Grade 11	TAKS	TAKS	TAKS	TAKS	TAKS	EOC
Grade 12	TAKS*	TAKS*	TAKS*	TAKS*	TAKS*	TAKS*

*Out-of-school testers and 12th grade re-testers

Presidential Awards (PAEMST)

- The National Science Foundation, under the direction of the White House, approves the Texas candidates as finalists for the national PAEMST award. If chosen as a national winner, the state finalists will receive \$10,000 and an all-expense-paid trip for two to Washington D.C. for ceremonies that include recognition from the President of the United States at the Capital.
- Nominations (K-6) Due April 1, 2010
- Applications (K-6) Due May 1, 2010
- More information at www.PAEMST.org





National Youth Science Camp (NYSC)

- **Deadline extended to February 22**
- **The NYSC is one of the nation's premier programs in secondary science education**
- **Must be candidates for high school graduation between July 1, 2009 and June 30, 2010**
- **Must demonstrate superior academic proficiency**
- **<http://www.nysc.org/2010/index.html>**

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Thank you. We appreciate your service to children.



We strive to provide leadership, guidance, and resources to help schools meet the educational needs of all students.