

TEA Science Update

Texas Regional Collaboratives Science Director Meeting, Houston

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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 EOC Success
 - Physics EOC Success

Science Instructional Materials

- Proclamation 2012 (Science) postponed
- Request for supplemental instructional materials that meet all of the new and expanded TEKS
- Biology, Chemistry, Integrated Physics and Chemistry (IPC), and Physics
- Scheduled to be implemented in schools beginning with the 2011-2012 school year
- Information at <http://ritter.tea.state.tx.us/textbooks/proclamations/SupplementalScience/index.html>

Texas Math and Science Diagnostic System (TMSDS)

- 2010-2011 version based on new science TEKS; Grades 3–8, IPC, Biology, Chemistry, Physics
- 3 diagnostic tests available for each grade level/course; 30 questions each, English and Spanish
- 5-question “mini-assessments” available for most student expectations
- Provided at no cost to school districts and charter schools
- Technical assistance provided by ESCs
- www.tmsds.org

Texas Education on iTunes U



<http://www.tea.state.tx.us/itunesu/>

<http://deimos.apple.com/WebObjects/Core.woa/Browsev2/tea.k12.texas.edu>

Presidential Awards (PAEMST)

The National Science Foundation, under the direction of the White House, approves the Texas candidates as finalists for the national Presidential Awards for Excellence in Math and Science Teaching (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.

- Texas Finalists Selected (K-6)
- Nominations (7-12) Due April 1, 2011
- Applications (7-12) Due May 1, 2011
- More information at www.PAEMST.org



Presidential Awards (PAEMST)

2010 Texas Elementary **Science** Finalists – Science

- **Nancy Douglas** is a 5th grade teacher at Andrews Elementary School in Austin ISD who has 18 years of teaching experience.
- **Martha McLeod** is a 5th grade teacher at Fulton 4-5 Learning Center in Aransas County ISD who has 18 years of teaching experience.
- **Kent Page** is 5th grade teacher at Carnahan Elementary School in Northside ISD and has 10 years of teaching experience.



Presidential Awards (PAEMST)

**Official
2010
PAEMST
Recipient
for Texas
Science**



Stef Paramoure

In 2010-2011, Stef was an 8th grade science teacher from Canyon Middle School, New Braunfels, who had 7 years of teaching experience.

She is currently employed as a science specialist at ESC XIII in Austin.

National Youth Science Camp (NYSC) 2011

- Applications to attend the 2011 NYSC are now available.
- Two graduating high school students will be selected to represent Texas at the all-expenses-paid honors program which will be held from June 30 - July 24, 2011.
- Applications are due by January 21, 2011.
- Apply now at <http://www.nysc.org/w/2011.html>.



CAST Program – TEA Sessions Scheduled

All TEA Sessions on Friday, November 12

8:45-9:30 am Elementary School Session

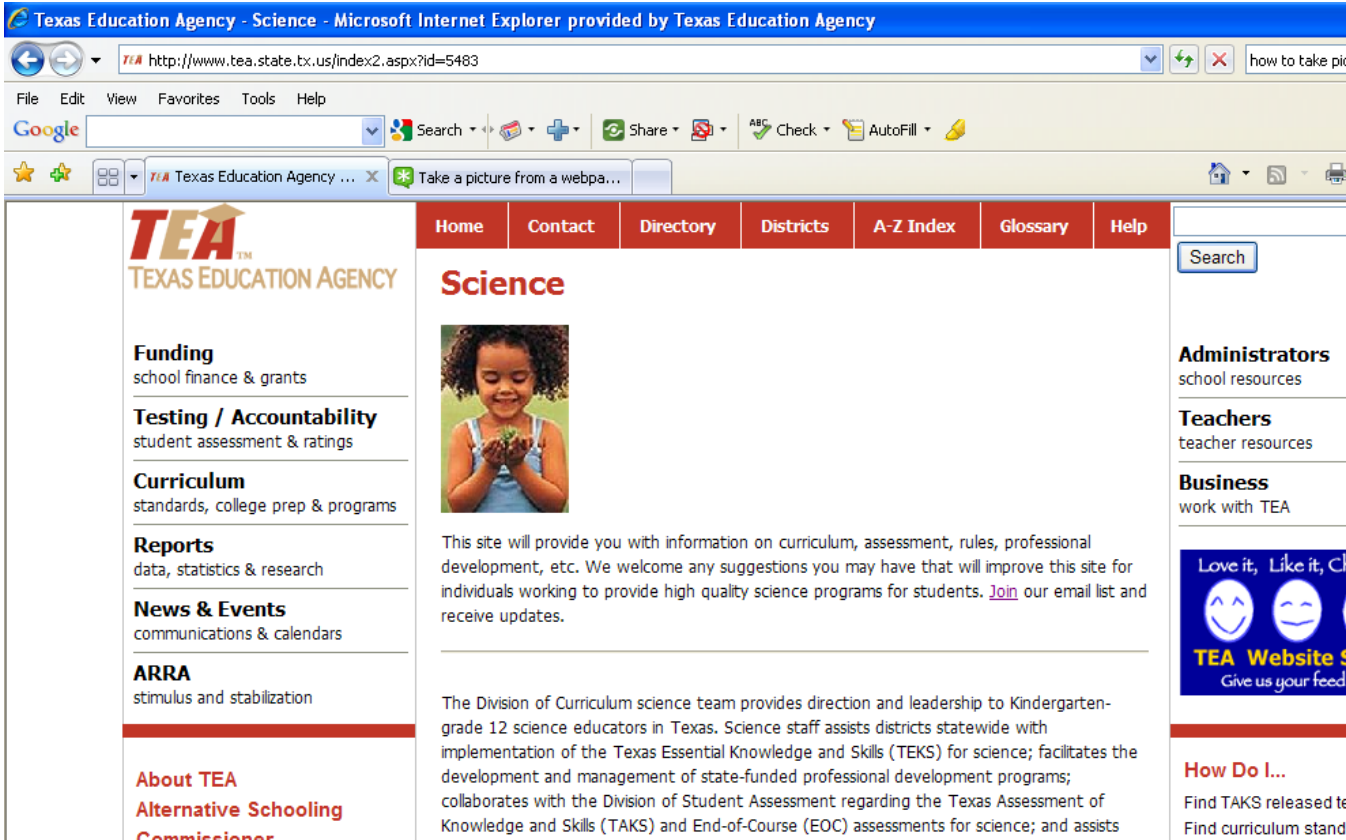
10:15-11:00 am Middle School Session

3:15-4:00 pm High School Session

1:30-2:15 pm Dr. Carl Wieman
*Special Project Share Speaker, Nobel prize winning physicist,
Chair of National Academy of Sciences*

Updated TEA Science Webpage


<http://www.tea.state.tx.us/index2.aspx?id=5483>



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Science



This site will provide you with information on curriculum, assessment, rules, professional development, etc. We welcome any suggestions you may have that will improve this site for individuals working to provide high quality science programs for students. [Join](#) our email list and receive updates.

The Division of Curriculum science team provides direction and leadership to Kindergarten-grade 12 science educators in Texas. Science staff assists districts statewide with implementation of the Texas Essential Knowledge and Skills (TEKS) for science; facilitates the development and management of state-funded professional development programs; collaborates with the Division of Student Assessment regarding the Texas Assessment of Knowledge and Skills (TAKS) and End-of-Course (EOC) assessments for science; and assists

Funding
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Curriculum
standards, college prep & programs

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Find curriculum stand:

Updated TEA Science Webpage

Documents

[Guidelines for Instructional Field Experiences](#)

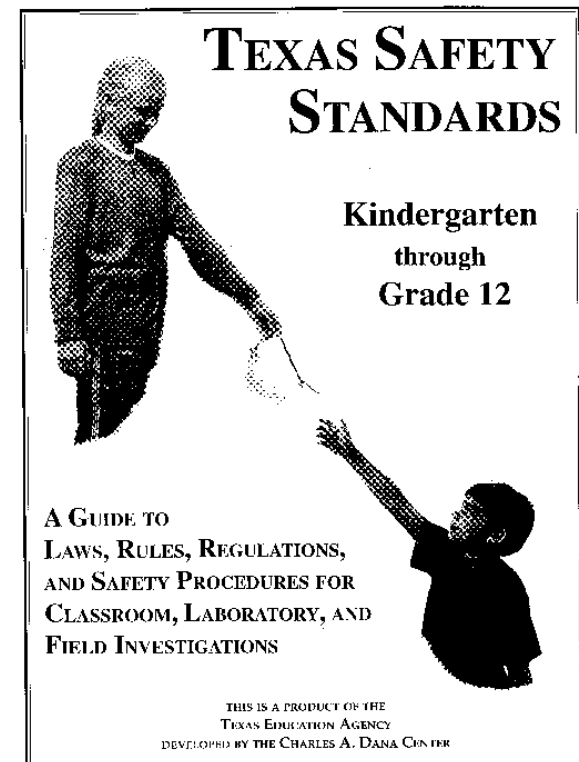
[PEIMS Codes for Science Course Numbers, including CTE Courses](#)

[Science TEKS Transition Analysis Resource, Grades K-12](#)

[Texas Education Agency Safety Laws and Rules](#)

[Texas Education Agency Science Facilities Standards](#)

[Texas Education Agency Texas Safety Standards](#)



- Tests will focus on “fewer, clearer, deeper” content.
- New assessments will address the “**readiness standards**” TEKS annually, with other eligible “**supporting standards**” TEKS being assessed across years.

For More Information on STAAR

- Visit the Student Assessment webpage

http://www.tea.state.tx.us/index3.aspx?id=3534&menu_id=793

- Join the Student Assessment listserv

<http://miller.tea.state.tx.us/list>

Julie Guthrie

Director of Mathematics and Science Assessments

(512) 463-9536

science.test@tea.state.tx.us

- Project Share provides an elearning platform to support a community of practitioners dedicated to improving teaching and learning through an interactive and engaging environment.
- Information is available from your Education Service Center.
- Project Share website:
www.projectsharetexas.org/



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