

Technology Coordinators & Contacts Meeting

September 14, 2011

**Technology Coordinators
& Contacts Meeting**

<http://www.esc12.net/techcon>

Wednesday, September 14, 2011

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Region 12
Educational Service Center

Special Event

- Following this Technology Coordinators' & Contacts' Meeting
- ProtectNet & Kaspersky overview of product
- Lunch provided
- Registration needed at <https://register.esc12.net/default.aspx> using Session # 37522

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Region 12
Educational Service Center

NATIONAL UPDATES

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Region 12
Educational Service Center


Technology Coordinators & Contacts Meeting

September 14, 2011

Whole New Game for Internet Search

- Source: eSchool News Article - September 2011
- Google, Microsoft, Facebook, etc have revised search algorithms
- Search results may differ person by person

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Whole New Game for Internet Search

- Social media data is now used as key indicators of a website's importance
- Every time we click on an internet link, we're contributing to an online profile
- We're telling search engines, "This is a source I like and trust."


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Whole New Game for Internet Search

- The links from our most trusted sources appear at the top of our search results
- This new game could have a profound effect on how we make sense of and make our mark on the world
- Some warn that this narrows our worldwide view instead of broadening it

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Ending the 'tyranny of the lecture'

- Source: eSchool News Article- September 2011
- Harvard University Physics professor Eric Mazur
- Explained at an educational technology conference in July of 2011


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Ending the 'tyranny of the lecture'

- How he uses a variation of peer instruction to help his students engage in deeper learning than traditional lectures
- He unveiled a brand-new ed-tech service that can help take this concept to a whole new level
- More from this article online


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Other eSchool Articles

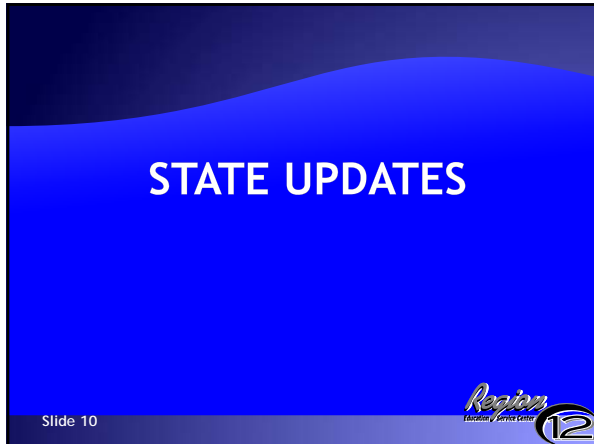
- Textbook-free schools share experiences, insights (using one-to-one laptop programs and iPad-based curriculum)
- Dunedin High School Integrated Math Teacher, Staci Gillen, demonstrates how to create a podcast for lesson review. [View Video](#)
- "Education's Guide to Mobile Devices: Everything You Need to Know About Mobile Tech and Your Schools"

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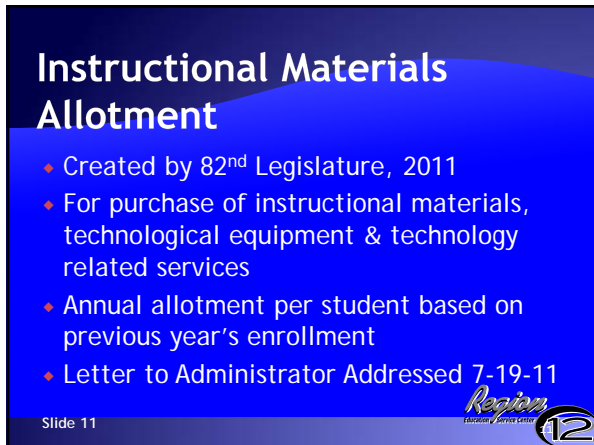
September 14, 2011



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STATE UPDATES

Region
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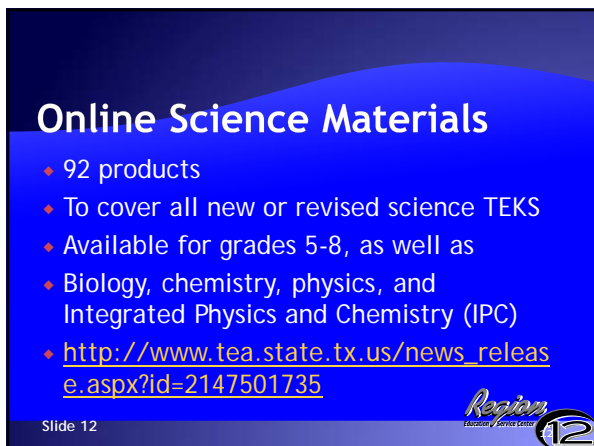


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Instructional Materials Allotment

- Created by 82nd Legislature, 2011
- For purchase of instructional materials, technological equipment & technology related services
- Annual allotment per student based on previous year's enrollment
- Letter to Administrator Addressed 7-19-11

Region
Education Service Center
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Online Science Materials

- 92 products
- To cover all new or revised science TEKS
- Available for grades 5-8, as well as
- Biology, chemistry, physics, and Integrated Physics and Chemistry (IPC)
- http://www.tea.state.tx.us/news_releases.aspx?id=2147501735

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Project Share with StarDate

- Project Share has expanded to include news from StarDate,
- Public education and outreach arm of University of Texas McDonald Observatory
- Videos, podcasts, scripts and photos of astronomy and space exploration
- Access via Content Repository tool in Project Share


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Title II-Part D

- July 15 Letter to Administrator Addressed
- All funding eliminated for Title II, Part D
- TEA in negotiation with TCEA regarding TATN pre-conference Event
- IMET Department at TEA will maintain TATN website


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StaR Chart

- July 15 Letter to Administrator Addressed
- STaR Chart system moved to Project Share
- New URL: www.starchart.epsilen.com
- STaR Chart support will be provided by IMET Division at TEA
- Questions should be sent to starchart@tea.state.tx.us

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ePlan

- ◆ Letter to Administrator Addressed
- ◆ <http://ritter.tea.state.tx.us/taa/stanproq071511.html>
- ◆ Districts will complete ePlan the same way
- ◆ Questions should be sent to epplan@tea.state.tx.us
- ◆ Phone support at 512-463-9400


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E-Rate

- ◆ July 15 Letter to Administrator Addressed
- ◆ Support and oversight of the program now handled by TEA
- ◆ Including function of Texas E-Rate Coordinator
- ◆ Questions should be sent to erate@tea.state.tx.us
- ◆ Support by phone at 512-463-9400

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Technology Apps Standards

- ◆ Revised standards approved in July 2011
- ◆ Will be implemented in 2012-13 school year
- ◆ For kindergarten through eighth grade
- ◆ As well as 19 high school courses
- ◆ Organized around six strands
- ◆ More info about update is available at http://www.tea.state.tx.us/index2.aspx?id=6148&menu_id=720&menu_id2=785

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Technology Apps Standards

- Six Strands
 - creativity and innovation
 - Communications and collaboration
 - Research and information fluency
 - Critical thinking
 - Problem solving and decision making
 - Digital citizenship
 - Technology operations and concepts

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Technology Apps Standards

- High School Courses
 - Computer Science I (1/2 to one credit)
 - Computer Science II (one credit)
 - Computer Science III (one credit)
 - Digital Art and Animation (one credit)
 - Digital Communications in the 21st Century (one credit)
 - Digital Design and Media Production (one credit)
 - Digital Forensics (1/2 to one credit)

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Technology Apps Standards

- High School Courses
 - Digital Video and Audio Design (one credit)
 - Discrete Mathematics (1/2 to one credit)
 - Fundamentals of Computer Science (1/2 to one credit)
 - Game Programming and Design (1/2 to one credit)
 - Independent Study in Technology Applications (1/2 to one credit)
 - Independent Study in Evolving/Emerging Technologies (1/2 to one credit)

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Technology Apps Standards

- High School Courses
 - Mobile Application Development (1/2 to one credit)
 - Robotics Programming and Design (1/2 to one credit)
 - Web Communications (1/2 credit)
 - Web Design (one credit)
 - Web Game Development (one credit)
 - 3-D Modeling and Animation (one credit)


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US Cyber Challenge

- Develops and conducts competitions and on-site camps that enable eligible participants- including high school, college and post-graduate students to develop their skills, gain access to advanced training and achieve recognition with scholarships, internships and jobs


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US Cyber Challenge

- USCC's goal is to find talented Americans to fill the ranks of cyber security professionals where their skills can be of the greatest value to the nation
- More information found at:
<http://workforce.cisecurity.org/competitions-camps/index.cfm>

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Cyber Foundations High School Competition

- entry-level competition
- sponsored by the CIS [Cybersecurity Workforce Development Division](#), through the USCC initiative
- first step in putting students on a path toward rewarding jobs in cyber security and information systems management

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Cyber Foundations High School Competition

- *Fall 2011 National Competition is October 3 - November 18, 2011*

Register at:
<http://workforce.cisecurity.org/competitions-camps/cyber-foundations/cffall-2011.cfm>


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Virtual School Symposium (VSS)

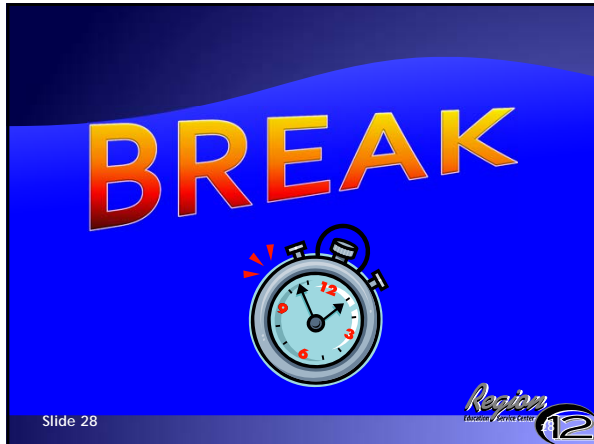
- VSS 2011
- November 9-11, 2011 at the JW Marriott in Downtown Indianapolis
- Theme of this year's VSS is "Empowered to Perform: Online and Blended Learning Models"
- More information at: www.virtualschoolsymposium.org

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Virtual Learning

- Texas Virtual School Network Allotment repealed
- District no longer receives up to \$400/student/course or \$80/student/course to offset admin costs
- Districts or parents must now pay for online courses
- Texas Virtual School Network still funded

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Library Services

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Library Jubilee

- November 15, 2011
- Session # 36601
- Theme:
T.R.A.V.E.L. - Technology, Reading and Vividly Engaging Libraries



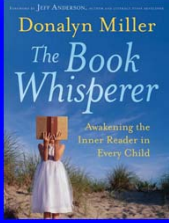
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The Book Whisperer

- Online book study!!
- Begins Oct 3, 2011
- 12 CPE Credits
- Session # 37123




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Digital Peeks - Naomi Bates

- October 13, 2011
- FREE for Library Services Co-op Members!
- Learn the process of creating award-winning book trailers!




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Library Services

- Sherry McElhannon
- 254-297-1291
- smcelhannon@esc12.net
- <http://staffweb.esc12.net/~smcelhannon/html/Calendar.html>

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Instructional Technology

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iPad Training

- Basics - Getting Started with the iPad
 - Sept 22-23, 2011 - Session # 36748
- Advanced - stay tuned!




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Interactive Whiteboards

- Promethean Core Essentials
 - Level 1 - September 26, 2011 (36771)
 - Level 2 - October 14, 2011 (37181)
- Content Creation Day
 - November 1, 2011 (37004)

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Project Share

- Students, Courses, Training, oh my!
- New Contacts:
 - Lisa Monthie - lmonthie@esc12.net
 - Sherry McElhannon - smcelhannon@esc12.net

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Project Share

- Search for *ESC 12 Curriculum Contacts* in Groups
- Request membership

Stay up-to-date with the latest info on courses and training!

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TMSDS

- Online Training through Project Share
 - (details coming soon!)
- On-site training available

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TCEA

- February 6-10, 2012



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Instructional Technology Services

- Sherry McElhannon
- 254-297-1291
- smcelhannon@esc12.net

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Future Meetings

- November 16, 2011 (Session # 36548)
- January 18, 2012 (Session # 36559)
- April 3, 2012 (Session # 36560)

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