

# Technology Coordinators & Contacts Meeting

## September 14, 2011

### Technology Coordinators & Contacts Meeting

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

Wednesday, September 14, 2011

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### 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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### NATIONAL UPDATES

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# 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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# Technology Coordinators & Contacts Meeting

## September 14, 2011

### 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 pencast 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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# Technology Coordinators & Contacts Meeting

## September 14, 2011

### STATE UPDATES

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### Instructional Materials Allotment

- ◆ Created by 82<sup>nd</sup> 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

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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\\_release.aspx?id=2147501735](http://www.tea.state.tx.us/news_release.aspx?id=2147501735)

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## September 14, 2011

### 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](http://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](mailto:starchart@tea.state.tx.us)

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### ePlan

- ◆ Letter to Administrator Addressed
- ◆ <http://ritter.tea.state.tx.us/taa/stanprog071511.html>
- ◆ Districts will complete ePlan the same way
- ◆ Questions should be sent to [eplan@tea.state.tx.us](mailto:eplan@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](mailto: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](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](http://www.virtualschoolsymposium.org)

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# Technology Coordinators & Contacts Meeting

## September 14, 2011

**BREAK**



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**REGIONAL UPDATES**

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**Videostreaming**

- ◆ Support for this year provided by Lisa McCray
- ◆ Training schedule available at [www.esc12.net/techcon](http://www.esc12.net/techcon)

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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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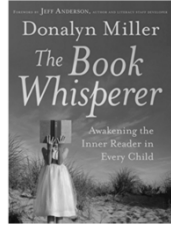
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# Technology Coordinators & Contacts Meeting

## September 14, 2011

### 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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# Technology Coordinators & Contacts Meeting

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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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# Technology Coordinators & Contacts Meeting

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### Project Share

- ◆ Students, Courses, Training, oh my!
- ◆ New Contacts:
  - Lisa Monthie - [lmonthie@esc12.net](mailto:lmonthie@esc12.net)
  - Sherry McElhannon - [smcelhannon@esc12.net](mailto: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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# Technology Coordinators & Contacts Meeting

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**TCEA**

- ◆ February 6-10, 2012



Discover Your POWER.

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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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