

INSTRUCTIONAL TECHNOLOGY NEWSLINE

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INSTRUCTIONAL TECHNOLOGY SECTION UPDATE

Newsline has been published monthly by the Department of Elementary and Secondary Education's Instructional Technology section since November 1999. While funding dedicated for educational technology has fluctuated (and mostly dwindled) over the years, the intent of Newsline has always been to provide current information about a variety of ed-tech programs and initiatives. It might even be said that it is during the lean years when information is most critical. We hope this issue will assist you as you plan, implement, and evaluate ed-tech initiatives in your districts in the coming school year.

With that said, however, please note that this likely will be the last issue of Newsline as it currently exists. The Department has reorganized, and Janice, Claranne, and I will no longer staff an Instructional Technology office. Janice and Claranne will continue to support Missouri educators with core data, census of technology, technology plans, and ePeGS assistance as they work in the newly created Office of Data System Management, while I will continue to work with ed-tech issues in the new Office of Quality Schools. On behalf of all Instructional Technology staff – past and current – it has been a great pleasure working with you the past 10 ½ years, learning and benefitting from your hard work and dedication to school improvement, enhanced by education technology.

Deb Sutton

DESE Budgets / Grant Programs

FY10 Title II.D and ARRA Ed-Tech Programs – June 30 Fedpro listserv updates

The regular federal Enhancing Education through Technology (EETT) Program and the ARRA-funded Title II.D programs provided both formula grants and competitive grants for school-year 2009-2010.

The following updates are excerpted from a June 30 Fedpro listserv message from Pat Kaiser, director of federal financial management:

- Final expenditure reports (FERs) submitted after June 11 will not be approved until July 6. Therefore, actual carryover amounts will not be available in ePeGS for budgeting until FER approval has been granted.
- Rural districts with REAP-flex authority are now able to budget funds in Title II.D and Title V function codes.

Research, Publications, Resources

- Study dispels ed-tech myths
- Project RED releases preliminary study findings
- Project Tomorrow releases 2010 Trends Update
- CDW-G releases 21st century classroom report - 2010
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- Free assessment tool: preparing for online learning
- Free computer games for civics education
- YouTube channel features family science projects

E-rate Program

- FY2010 Funding commitments
- FY2009 Funding commitments
- MOREnet fall E-rate Beginner workshops

MOREnet Update

- MOREnet Instructional Technology Conference
- MOREnet released revised FY11 TNP fees
- MOREnet has also just launched a new blog. Buzz Central

FY11 Title II.D Ed-Tech Program – Only competitive continuation-grants funded

The federal Enhancing Education through Technology (EETT) Program has been funded at \$100 million for school year 2010-11, representing a nearly two-thirds decrease. Missouri expects to receive approximately \$1.4 million and plans to distribute all flow-through funding via competitive grants. The estimated appropriation is just sufficient enough to support continuation grants – nine second-year schoolwide eMINTS implementation projects.

FY11 Safe Schools Program – Program not funded for FY11

Online courses for teaching the new ICT Literacy GLEs/CLEs – NEW!

Missouri's e-Learning for Educators Program was contracted to develop facilitated and self-paced online professional development to help Missouri educators become familiar with the new Information and Communications Technology (ICT) Literacy grade-level and course-level expectations. Course participants analyze and discuss the GLEs or CLEs, begin the process of identifying those that are already integrated in local curriculum and those that need to be added, and share integration and lesson plan ideas with other educators taking the course. School teams are encouraged to work together within a course to be sure the standards are addressed throughout the school.

Facilitated courses run seven weeks, with sessions focusing on the inquiry process, determining the nature and intent of information needed, accessing information efficiently and effectively, evaluating information critically and competently, using information effectively and creatively, practicing ethical, legal, and safe use of information and technology, and putting it all together. The facilitated course costs \$125, and the course may be taken for two hours of graduate credit from participating universities for an additional cost of \$100 per credit hour. The self-paced course contains the same materials, available online at no charge to participants.

To register for a facilitated course, visit: <http://www.elearningmo.org/register.html>. To create an account to access the self-paced course, go to the log-in page at: <http://campus.elearningmo.org/course/view.php?id=294>.

MOSIS student technology literacy reporting – Reminder

In the June MOSIS cycle, districts are asked to enter the technology literacy status of students completing the 8th grade. Prior to 2008, student technology literacy was reported at the district level, as an overall percentage, via the Census of Technology (Core Data Screen 30, Item 8); beginning in 2008 student technology literacy is reported at the student level. Literacy definitions, as detailed below, are still provided in the Core Data manual.

Student tech literacy assessment –The 8th-grade student technology literacy data element asks for a district's assessment as to whether or not each 8th grader is technology literate based on the state's definition of student technology literacy. Districts have flexibility on how they determine (i.e., assess) tech literacy for students. The most prevalent practices seem to include the use of a technology course and project-based assessments, with the difference being that the first emphasizes technology more as a subject and the second stresses using technology for specific learning objectives and activities. Other practices include multiple-choice tests, student surveys, and teacher observation checklists; these, while acceptable, may not be as rigorous or reliable.

Technology literacy definitions: The state's broad definition is the ability to use appropriate technology to communicate, solve problems, and access,

Regular Featured Items

- Upcoming Conferences
- Grant Funding and Contest Opportunities
- Videoconferences / Collaborative Projects
- From the Mailbag
- New and Updated eTHEMES

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manage, integrate, evaluate and create information to improve learning and acquire lifelong knowledge and skills. Following the 2007 National Educational Technology Standards for Students (NETS*S), a tech-literate student is able to:

- demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology,
- use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others,
- apply digital tools to gather, evaluate, and use information,
- use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources,
- understand human, cultural, and societal issues related to technology and practice legal and ethical behavior and,
- demonstrate a sound understanding of technology concepts, systems, and operations.

MOREnet K-12 Technology Network Program

FY11 Fee Update – On June 17, the state appropriation that supported the MOREnet network, as well as Internet connectivity for Missouri higher education institutions and public K-12 schools, was restricted for FY11. Approximately 15 percent of the Internet connectivity subsidy has supported higher education and 85 percent has supported K-12 schools, meaning the funding loss will have greater impact on public schools. MOREnet and sponsoring agencies are committed to continuing operations for school-year 2010-2011 – especially since it is well beyond the E-rate application window for 2010-2011. MOREnet is working with vendors to control costs and will attempt to absorb about half of the \$6.8 million appropriation loss, is shifting its traditional subsidized fee model to a cost recovery model, and has adjusted (i.e., increased) membership and connectivity fees. Schools can expect to receive correspondence from MOREnet, explaining the revised FY11 fee schedule, on or about July 1. Questions can be directed to Eric Nicklas, K-12 Program Manager, at 573.882.9785 or eric@more.net.

Databases – MOREnet and the Missouri State Library announced that the online resources from Gale and NewsBank and the LearningExpress Library will continue to be available in FY11.

E-rate Beginner Workshops – MOREnet has opened registration for a series of “E-rate for Beginners” workshops to be held September 13, 15, 16, and 17 at the MOREnet facility in Columbia and offered free of charge to MOREnet members. These one-day sessions (9:30 to 1:00) are designed for those new to the E-rate program or those who feel they need a refresher in the basics of the program. Register online at: <http://guest.cvent.com/EVENTS/Calendar/Calendar.aspx?cal=674e8ecf-1c33-40d3-b87a-0b763d1d4943>.

STATE AND NATIONAL NEWS**Governor Nixon signs Missouri House Bill 1543**

<http://house.mo.gov/content.aspx?info=/bills101/bilsum/truly/sHB1543T.htm>

The Governor signed legislation June 24 that allows fees to be charged to support the Parents as Teachers program and gives schools more flexibility in deciding how to spend money during tough budget times. CCS SS#2 SCS HCS#2 HB 1543 contains 16 provisions that change the laws regarding elementary and secondary education, including a provision that adds “cyberbullying” and electronic communications to the list of required elements for school district anti-bullying policies.

Obama announces broadband grants

<http://www.whitehouse.gov/the-press-office/background-presidents-recovery-act-announcement-tomorrow>

On July 3, President Obama will announce investment in 66 new Recovery Act broadband projects nationwide that, according to the grantees, will not only directly create approximately 5,000 jobs up front, but will also help spur economic development in some of the nation’s hardest-hit communities, helping create jobs for years to come. The

State and National News, cont'd.

nearly \$800 million in loans and grants will be matched by another \$200 million in private investment.

House passes America COMPETES Act: a national science, technology bill

http://www.rules.house.gov/111/LegText/111_hr5116txt.pdf

In late May, the U.S. House of Representatives passed legislation called America COMPETES Act (H.R. 5116) that calls for \$84 billion in federal funding to help keep the country competitive in the fields of scientific and technological innovation. The bill would encourage STEM participation from female students and underrepresented groups by creating scholarships and other incentives, would examine the challenges that rural schools face as they try to give students a 21st century education, including sparse access to high-speed internet services and lab resources, and would provide funding for scholarships and training programs to recruit new K-12 math and science teachers and enhance the skills of existing teachers. The bill also approved funds over five years for basic and applied research programs at the National Science Foundation (NSF), the Department of Energy's Office of Science, the National Institute of Standards and Technology labs, and others.

Common Standards final version released

<http://www.corestandards.org/>

On June 2, 2010, the National Governors Association Center for Best Practices and the Council of Chief State School Officers released the final version of the Common Core State Standards outlining what experts decided are the knowledge and skills students should have in mathematics and English/ language arts. The standards, developed together with teachers, school administrators and experts, seek to provide a clear and consistent framework to prepare U.S. children for college and the workforce. They build upon the goals articulated in the college- and career-readiness standards released last year and will ensure our students are prepared to compete and succeed in a global economy.

NCTI awards assistive technology research grants

<http://www.nationaltechcenter.org/index.php/tech-in-the-works/2010-awardees/>

The National Center for Technology Innovation (NCTI) announced the winners of its "Tech in the Works 2010" competition, which funds innovative projects to improve educational outcomes for all students, especially those with special needs. NCTI will award \$20,000 to each of four researcher-developer teams this year, supported by a federal grant from the federal Office of Special Education Programs. The "Tech in the Works" competition, which began in 2005, promotes collaborative research in developing innovative and emerging assistive technologies. Each winning team has pledged to match this amount to facilitate its research project. The winning teams will share preliminary findings from their research at the 2010 Technology Innovators Conference in Washington, D.C., November 15-16.

The four winners this year are:

1. **"Touching Lives and Creating Abilities: Social and Communication Skills with the iPad"** Auburn University researchers partnered with [PUSH Product Design](#) to improve the social and communication skills of young children with Autism Spectrum Disorder (ASD) using Apple's iPad.
2. **"Efficacy of the GoTalk Express 32 for Increasing Communication"** East Carolina University researchers with [Attainment Company](#) to examine the effect of the company's newly developed GoTalk Express 32, a voice output communication device, on the communication rates of individual learners who have disabilities.
3. **"Interactive Storybooks for Deaf Kindergarteners"** Researchers from Southeast Louisiana University and Lamar University partnered with [Burton Vision](#) to study how storybook sharing can serve as a bridge between American Sign Language (ASL) and the language of English print books for deaf children.
4. **"Seeing the Possibilities with Videophone Technology"** Researchers from the University of Southern Mississippi and the Mississippi Deaf-Blind Project, partnered with [Sorenson Communications](#) to implement a face-to-face social networking program for students with deaf-blindness.

RESEARCH, PUBLICATIONS, RESOURCES

NEW RESEARCH, REPORTS BASED ON EDUCATOR SURVEYS:

Study dispels ed-tech myths

<http://www.waldenu.edu/Degree-Programs/Masters/36427.htm>

A new study commissioned by The Richard W. Riley College of Education and Leadership and prepared by Grunwald Associates argues that the more K-12 teachers use technology, the more they recognize and value its strong positive effects on student learning and engagement and its connection to 21st century skills. The report, titled *Educators, Technology and 21st Century Skills: Dispelling Five Myths*, is based on a survey of more than 1,000 K-12 teachers and school principals and dispels myths about technology use in education – particularly by teachers – and educators’ perceptions about the effects of technology use on student learning, behaviors and skills.

Project RED releases preliminary study findings

<http://www.projectred.org/>

At ISTE 2010, the Project RED Team (**R**evolutionizing **E**ducation) announced findings from their major survey of nearly 1,000 school principals and technology coordinators. The study aimed to prove that investing in technology, when properly implemented, can boost student achievement and will result in monetary savings for schools and local governments. The researchers correlated 11 measures of success (such as dropout rates, discipline rates, and student achievement) with more than 100 independent variables across 22 categories to determine which factors had the biggest impact on success.

The study found that technology-infused classes in core subject areas, such as science and math, and in intervention classes such as Reading, Title I, English Language Learners and special education, were a significant factor in improvement. Other key implementation factors include leadership and vision, use of games/simulations and social media, frequent online assessments, and student-computer ratios.

The full report will be available in August. To access the June 2010 press release and ISTE presentation slides, visit: <http://projectred.org/news/?p=65>.

Project Tomorrow releases 2010 Trends Update

http://www.tomorrow.org/speakup/learning21Report_2010_Update.html

According to the report “*Learning in the 21st Century: 2010 Trends Update*,” the percentage of high school students taking online courses nearly double in a single year while the percentage of middle school students taking online classes also climbed. These statistics, released during the ISTE 2010 conference, are part of an update to the latest Speak Up Report that surveyed 299,677 K-12 students, 38,642 teachers, 3,947 administrators, and 26,312 parents in fall 2009. Other findings include: over half of pre-service teachers experience online classes but only four percent said they learn how to teach online classes in their instructional methods courses; and over one-fourth of administrators said they doubted teacher ability to effectively use tools for online classes, suggesting a need to provide educators with professional development and support in online instruction. This and other Speak Up reports can be freely accessed at <http://www.tomorrow.org/>.

CDW-G releases 21st century classroom report – 2010

<http://newsroom.cdw.com/features/feature-06-28-10.html>

According to the recently released CDW-G “*21st-Century Classroom Report: Preparing Students for the Future or the Past?*” students are not being encouraged to use technology. Based on a national survey of more than 1,000 high school students, faculty, and IT staff members, findings indicate that technology is not fully integrated into high school classrooms, the technology that is available is used primarily by teachers and not students, and just over half of students feel they will be ready to use technology in college and/or the workforce. The report includes corrective recommendations and a call to action in narrowing the personal/school use gap.

Research, Publications, Resources, cont'd.**SIIA reports on K-20 digital advances**

http://siiia.net/index.php?option=com_docman&task=doc_view&gid=2634&tmpl=component&format=raw&Itemid=318f

The Software and Information Industry Association (SIIA) released “Results of the Spring 2010 SIIA Vision K-20 Survey,” intended to measure schools on 21st century tools, anytime/anywhere access, differentiated learning, assessment tools, and enterprise support. Roughly 650 educators representing all levels of K-20 education participated in this annual survey, which is in its third year. As reported at the 2010 ISTE conference, findings indicate postsecondary institutions are ahead of K-12 schools in every category except the development of data systems to track student data and achievement. Overall, education institutions scored highest on implementing security tools to protect student data and privacy, as well as securing high-speed broadband access for communication and administrative needs, and scored the lowest related to creating electronic portfolios of student work and providing online courses to ensure that all students have access to high-quality instruction regardless of location.

INTERNET SAFETY REPORT, RESOURCE**Online safety report discourages scare tactics**

http://www.ntia.doc.gov/reports/2010/OSTWG_Final_Report_060410.pdf

A report released June 4, 2010 by the Online Safety and Technology Working Group (OSTWG), created by the National Telecommunications and Information Administration, calls for proper education about appropriate online behavior and digital media consumption to help children evaluate potential online risks, and noting that scare tactics do little to influence the behavior of children and teenagers. Report recommendations include creating a web-based clearinghouse of online safety education research, avoiding scare tactics, promoting digital citizenship at all grade levels, and looking to young people as experts in the online and digital media arenas by involving them in risk-prevention education.

SafetyWeb helps parents monitor their children's online activity

<http://www.safetyweb.com>

A new site, SafetyWeb.com, aims to simplify online safety by helping parents guard their children's online safety, identity, and reputation. The fee-based service monitors the web to deliver reports and immediate alerts on irregularities and dangers associated with kids' and teens' online activity, giving parents opportunity to intervene if they suspect their kids' safety, identity, or online reputation is at risk. With children using cell phones, laptops, iPads, and friends' computers to go online, the service monitors what social networks children are using, rather than the device itself. By delivering reports informing parents what their kids are doing online (such as posting comments, videos, and pictures), as well as what is being said about them online, the service gives parents the ability to define acceptable online behavior for their family.

FREE ONLINE RESOURCES:**New ED website provides access to data, grant programs**

<http://data.ed.gov/>

On June 17, 2010, the U.S. Department of Education (ED) launched a new website that will provide increased access to education data, a one-stop shop where practitioners, researchers, and the public can access information about ED grant programs while also protecting applicants' privacy and proprietary information. The first competitive grant program featured on Data.ed.gov is the Investing in Innovation Fund (i3), which received nearly 1,700 applications before the competition closed in May. The public can now view detailed information on all i3 applicants and run customized reports and summary analyses on subsets of applicants.

Data.ed.gov is designed to be more user-friendly than traditional data sites by providing tools that allow users to visualize the data:

- **Charting and Graphing** tools help the public understand general trends in the data sets. For example, users may select a specific criterion or multiple criteria (e.g. absolute priorities, grant types, and applicant types) and see how many applications meet those criteria.

Research, Publications, Resources, cont'd.

- **Mapping** allows the public to see which initiatives are funded in their communities. Users can view grant applications on a map that includes the option of overlays by congressional districts, with additional overlays planned.
- **Filtering and Searching** lets users narrow the applications to only those of interest based on combinations of criteria.
- **Data Exporting** allows users to export data sets in a file format that can be loaded easily into common spreadsheet and data analysis tools; users may export either the entire data set or smaller sets that are filtered according to their selected criteria.

Open Library adds books online for blind, dyslexic users

<http://openlibrary.org/>

In May 2010, the nonprofit [Internet Archive](#) in San Francisco announced hiring hundreds of people to scan thousands of books into its Open Library digital database, more than doubling the titles available to people who aren't able to read a hard copy. To date, Open Library has gathered over 20 million records from a variety of large catalogs as well as single contributions, where the software, data, and documentation are open. The Accessible book collection contains over one million books and ebooks published between 1029 & 2016. See: http://openlibrary.org/subjects/accessible_book.

Free assessment tool: preparing for online learning

<http://bb.blackboard.com/g/?PRDXU9WQZ9>

Online learning can make substantive contributions to improved student achievement, graduation rates and teacher quality and capacity. Do you know how prepared your school or district is to implement an online learning program? The free, online Planning Guide for Online Learning steps you through the process of assessing your school or district's readiness, and shows you how to match an online learning program to the needs of your students and staff as well as to your technological capabilities and infrastructure.

Free computer games for civics education

<http://www.icivics.org>

iCivics, a vision of former Supreme Court Justice Sandra Day O'Connor, is a web-based education project designed to teach students civics and inspire them to be active participants in our democracy. Launched May 24, 2010, iCivics is a rebranded, expanded version of an earlier site called OurCourts.org, using computer games and online role-playing to put a fun spin on learning about government – that are free, effective, and teacher-friendly.

YouTube channel features family science projects

<http://youtube.com/user/FamilyScienceQuest>

This new YouTube channel from Boehringer Ingelheim, and promoted by the National Science Teachers Association (NSTA), features simple, fun science experiments that parents can conduct at home with their children.

E-RATE PROGRAM**FY2010 Funding commitments**

USAC will release FY2010 **Wave 7** Funding Commitment Decision letters (FCDLS) on **July 7**. This wave included commitments for approved Priority 1 (Telecommunications Services and Internet Access) requests at all discount levels. To-date, FY2010 commitments total \$758 million.

FY2009 Funding commitments

USAC will release FY2009 **Wave 59** Funding Commitment Decision Letters (FCDLS) **July 8**. This wave included commitments for approved Internal Connections and Basic Maintenance requests at/above 78% and denials at/below 69%. To-date, FY2009 commitments total over \$2.71 billion. (Note that funds rolled over from prior funding can raise

E-rate Program, cont'd.

total commitments above the \$2.25 billion funding year cap.)

Use USAC's Automated Search of Commitments (ASC) tool to search for funding commitment information by funding year (FY), wave number, state, and/or applicant name. See: <http://www.usac.org/sl/tools/search-tools/search-commitments/>.

MOREnet fall E-rate Beginner workshops

<http://guest.cvent.com/EVENTS/Calendar/Calendar.aspx?cal=674e8ecf-1c33-40d3-b87a-0b763d1d4943>.

MOREnet has opened registration for a series of "E-rate for Beginners" workshops

The sessions will be held September 13, 15, 16, and 17 at the MOREnet facility in Columbia and will be free of charge to MOREnet members. These one-day sessions (9:30 to 1:00) are designed for those new to the E-rate program or those who feel they need a refresher in the basics of the program.

MOREnet UPDATE

submitted by Eric Nicklas

On July 12, the **MOREnet Instructional Technology Conference (MITC)** to be held Oct. 2-4, at Tan-Tar-A, will open for registration. Our keynote speaker is Richard Byrne, a teacher and popular blogger. Richard specializes in blogging about free ideas and resources for teaching with technology. Check out his blog at www.freetech4teachers.com <<http://www.freetech4teachers.com>. You can also follow MITC on Twitter <http://twitter.com/MOREnetMITC> to get the latest news about the conference.

On July 1, **MOREnet released revised FY11 TNP fees** in response to the recent loss of its state appropriation. Visit <http://www.more.net/content/k-12-tnp-fy11-fees> for more information.

MOREnet has also just launched a new blog. Buzz Central <http://www.more.net/rumors> is the avenue where MOREnet will address rumors that we may have heard on discussion lists or in our regular daily communications with members. We encourage all members to submit questions, rumors, or your concerns and to watch Buzz Central for clarification!

UPCOMING CONFERENCES

2010	Conference
July 22 – 23	MoDLA Annual Meeting: The Future Is Now: <i>Taking the Next Step in 21st-Century Learning</i> University Plaza Hotel and Convention Center, Springfield, MO http://www.modla.org/
October 3 – 5	MOREnet Instructional Technology Conference (MITC) 2010: Winning at Instructional Technology Tan-Tar-A, Osage Beach, MO http://www.more.net/content/mitc

GRANT FUNDING and CONTEST OPPORTUNITIES

Due Date	Grant Program
2010 Opens for voting February 1	The Pepsi Refresh Project is hosting a grants program focusing on health, arts and culture, food and shelter, the planet, neighborhoods, and education. Each month in 2010, Pepsi will fund 32 projects, ranging from \$5,000 to \$250,000. Proposals are being accepted as of January 13, and full details are available on the Pepsi Refresh Project website: http://www.refresheverything.com/ .

Grant Funding and Contest Opportunities, cont'd.

- February 1, June 1, and October 15**
May, August, November
- NEA Learning and Leadership Grants**
<http://www.neafoundation.org/pages/educators/grant-programs/>
- Build-A-Bear Workshop Giving Programs**
<http://www.buildabear.com/aboutus/community/grants>
- June 1, October 15, February 1**
- NEA Foundation Green Grants**
This year the program emphasizes “green” projects that involve students learning about and engaging in environmental preservation and protection.
<http://www.neafoundation.org/grants.htm>
- July 9**
- National Environmental Education Foundation Classroom Earth Professional Development Grants** support teachers around the country who want to make environmental education part of their curriculum.
<http://classroomearth.org/professional-development->
- July 10**
- Kinder Morgan Foundation Education Grants** provide support for efforts such as Junior Achievement and other youth programs provided by local arts organizations, symphony orchestras, museums and others. Initial approach is to contact the foundation for application form, which is required.
km_foundation@kindermorgan.com
http://www.kindermorgan.com/community/km_foundation.cfm
- Pre-registration by July 30, 2010**
- LEGO Smart Creativity Contest** is open for teachers to register as contestants for the 2010 LEGO Smart Creativity Contest, challenging classrooms coast to coast to become LEGO Smart.
<http://www.legoeducation.us/about/item.aspx?art=3465&bhcp=1>
- August 1**
- Toshiba America Foundation Classroom Innovators Grants** (TAF) is supporting innovative projects designed by math and science teachers to make their own classrooms more exciting and successful for students.
<http://www.toshiba.com/tafpub/jsp/about/HowApply.jsp>
- August 1**
- 2011 ASCD Outstanding Young Educator Award** recognizes creative and committed teachers and administrators [under the age of 40](#) who are making a difference in the lives of children.
http://www.ascd.org/programs/Outstanding_Young_Educator_Award/OYEA_Information.aspx
- August 1**
- ASCD: Outstanding Young Educator Award** has opened nominations for its Outstanding Young Educator Award, which recognizes a teacher under the age of 40 who demonstrates excellence in his or her profession, a positive impact on students, creativity in the classroom, and leadership in his or her school or district.
<http://www.ascd.org/programs/Outstanding-Young-Educator-Award/Outstanding-Young-Educator-Award-Program.aspx>
- August 15**
- Open Meadows Foundation Grants to Benefit Women and Girls**
Grants up to \$2,000 to projects that: are designed and implemented by women and girls; reflect the diversity of the community served by the project in both its leadership and organization; promote building community power; promote gender, racial, social, economic and/or environmental justice; and have limited financial access or have encountered obstacles in their search for funding.
<http://www.openmeadows.org/>

Grant Funding and Contest Opportunities, cont'd.

August 30	Project Learning Tree <i>Greenworks!</i> Pollinator Garden Grants to engage PLT educators and their students with their local community in "learning-by-doing" environmental projects. http://www.plt.org/cms/pages/21_22_21.html
October 1	Grants for Music Education The ASCAP Foundation is now considering proposals from organizations engaging in music education and talent development programs that support music education for aspiring songwriters and composers. http://www.ascapfoundation.org/grants.html
October 15	Wild Ones: Lorrie Otto Seeds for Education Grant Program provides grants to schools, nature centers, or other non-profit educational organizations for the purpose of establishing outdoor learning centers. Funds will be provided only for the purchase of native plants and seed. Deadline: http://www.for-wild.org/seedmony.htm
October 31	CVS Foundation CVS Caremark Community Grants targets public schools for children with disabilities that promote a greater level of inclusion in student activities and extracurricular programs. http://info.cvscaremark.com/community/our-impact/community-grants/public-schools
November 30	Vernier/NSTA: Technology Awards promote the innovative use of data-collection technology using a computer, graphing calculator, or other handheld device in the science classroom. http://www.vernier.com/grants/nsta.html
Email toyotateach@iie.org to be notified	Toyota International Teacher Program http://www.toyota4education.com/
Variety	Dollar General has a variety of grants to assist schools. http://www.dgliteracy.com/grant-program/
Deadline: None, but applications should be received at least one or two months prior to proposed start date.	Actuarial Foundation: Advancing Student Achievement Grants http://www.actuarialfoundation.org/programs/for_teachers.shtml The Actuarial Foundation Advancing Student Achievement grant program brings together actuaries and educators in local classrooms with the belief that interaction with real-world mentors will boost student interest and achievement in math. The Actuarial Foundation can provide a local network of actuaries ready to participate, as well as suggestions on how to integrate math concepts from the workplace into the classroom. Schools applying for grants will be given wide latitude in designing programs that enhance learning and create a "love of math" in each student. Maximum award: varies. Eligibility: All schools willing to undertake a math-mentoring program involving local actuaries as volunteers are eligible. However, in order for a program to be viable, there must be a sufficient population of volunteer actuaries within easy traveling distance to make a regular program possible. Deadline: None, but applications should be received at least one or two months prior to proposed start date.
Ongoing	After School Advantage Program from GTECH http://www.gtech.com/about_gtech/after_school.asp
Ongoing	Coca-Cola Foundation Education Grants http://www.thecoca-colacompany.com/
Ongoing	Educational Foundation of America Grants http://www.efaw.org/

Grant Funding and Contest Opportunities, cont'd.

- | | |
|----------------|---|
| Ongoing | The Coca-Cola Foundation Grants
http://www.thecoca-colacompany.com/citizenship/application_guidelines.html |
| Ongoing | CHS Foundation Mini-grants
The CHS Foundation grants up to \$1,000 to innovative academic and leadership programs that strengthen student learning and enhance professional development. Examples include: leadership training opportunities, mentorship programs, professional development experiences and student fundraising efforts.
http://www.chsfoundation.org/scholarshipprog.html#minigrants |
| Ongoing | ING Foundation Educational Grants
http://www.ing-usa.com/us/aboutING/CorporateCitizenship/index.htm |
| Ongoing | Kinder Morgan Foundation Education Grants
http://www.kindermorgan.com/community/km_foundation.cfm |
| Ongoing | Lowe's Toolbox for Education Grant
http://www.toolboxforeducation.com/ |
| Ongoing | Motorola Community Grants
http://www.symbol.com/category.php/?category=736 |
| Ongoing | Motorola Foundation
http://www.motorola.com/giving |
| Ongoing | NEA Foundation Student Achievement Grants
http://www.neafoundation.org/programs/StudentAchievement_Guidelines.htm |
| Ongoing | NEA Learning & Leadership Grants
http://www.neafoundation.org/pages/educators/grant-programs/ |
| Ongoing | Pay It Forward Mini-Grants for Service-Oriented Projects for Youths
http://www.payitforwardfoundation.org/get_involved.html |
| Ongoing | RGK Foundation Education Grants
http://www.rgkfoundation.org/public/grants |
| Ongoing | Robert H. Michel Special Project Grants
http://www.dirksencenter.org/print_grants_specialprojects.htm |
| Ongoing | State Farm Companies Foundation Education Grants
http://www.statefarm.com/about/part_spos/grants/foundation_grants.asp |
| Ongoing | Teach@15 Award
http://www.bestbuyinc.com/community_relations/teach_awards.htm |
| Ongoing | Toshiba America Foundation 7-12 Math and Science Grants
http://www.toshiba.com/tafpub/jsp/about/HowApply.jsp |

For information about grants, funding, foundations and grant writing, check out the following sites:

An independent nonprofit information clearinghouse on grants available throughout the United States, **The Foundation Center** offers publications, including directories of foundation and corporate grantmakers, research advice, custom research, and database searching. The website includes online training in grantseeking, proposal writing, and funding research, as well as, an online librarian.

<http://foundationcenter.org/>

Grant Funding and Contest Opportunities, cont'd.

AT&T Aspire <http://www.att.com/gen/corporate-citizenship?pid=7736>

Converge online: Grant Secrets – <http://www.convergemag.com/>

The 2009-10 **Dell Funding Calendar**, published by Tech and Learning, can be found at <http://www.techlearning.com/article/21102>. Check it out for grant opportunities, grant writing ideas and strategy tips.

The online version of **eSchool News** monthly magazine contains a grants section with regularly updated grant, scholarship, professional development, and other funding opportunities for both educators and students. <http://www.eschoolnews.com/funding>

Edu4U is a resource for people who want to enhance teaching and learning for all students with the power of technology. Find information, resources and fellow travelers to help achieve your educational goals. <http://en.community.dell.com/groups/edu4u/default.aspx>

Edutopia has a listing of corporate, nonprofit, and government grant-making institutions, periodicals with grant information, and more. For more information, visit <http://www.edutopia.org>.

For an extensive list of grants, check the **Grants Directory from Technology and Learning** <http://techlearning.com/resources/grants.jhtml>.

Fundsnet Online Services: <http://www.fundsnet.com/searchresult.php?sbcid=6>
Computers & technology – <http://www.fundsnet.com/searchresult.php?sbcid=4>

Grant writing and funding resources are available at <http://www.libraryspot.com/features/grantsfeature.htm>.

The **grants.gov** site is a tremendous resource for educators. It is updated weekly and contains a comprehensive listing of federal grants for schools. <http://www.grants.gov>

Grantsandfunding.com offers a complete listing of all Thompson Publishing Group publications that focus on grant and funding issues. Thompson Publishing Group publication subscribers have access to a special section that provides resources such as grant deadlines, highlights of funding issues, and links to related websites. <http://www.grantsandfunding.com>

Grantwrangler.com: online listing service of grants and awards for teachers and students. New mygrantwrangler.com is a social-networking site for both grant seekers and grant givers to share insights and experiences – <http://www.grantwrangler.com/>.

Helpforschools.com (sponsored by the U.S. Dept. of Education and Mid-continent Comprehensive Center) – “grants knowledgebase”– <http://www.helpforschools.com/grants/login.shtml?redirect=http://www.helpforschools.com/grants/>

In each issue of **The Education World Grants Newsletter** <http://www.educationworld.com/maillist.shtml>, Don Peek from **The School Funding Center** [http://www.schoolfundingcenter.info/\(dscmdd45etdg1045xp0ljby0\)](http://www.schoolfundingcenter.info/(dscmdd45etdg1045xp0ljby0)) recommends a Web resource, book, software program, or another useful tool of interest to the grants community. This resource is a Web page from **Teacher Tap**, part of **Eduscapes**. <http://www.eduscapes.com/tap/topic94.htm>

International Technology Education Association (ITEA) <http://www.iteaconnect.org>

ISTE: Educator Resources: Funding – <http://www.iste.org/>

Mazda <http://www.mazdafoundation.org/index.html>

Grant Funding and Contest Opportunities, cont'd.

MultiMedia Schools, a print magazine published five times a year, addresses multiple technologies used in K-12 schools today. Selected full-text content is now available online. Includes a NewsWatch section, which posts technology-related funding news and links. <http://www.infoday.com/MMSchools>

National Science Foundation (NSF) <http://www.nsf.gov>

NEC Foundation of America <http://www.necfoundation.org>

Non-profit guides: "grant writing tools for non-profit organizations" <http://www.npguides.org/links.htm>

Northwest Education Technology Consortium (NETC): "Grants and funding"
<http://www.netc.org/grants/index.html>

Public Education Network posts a listing of Existing Grant Opportunities (updated each week) at http://www.publiceducation.org/newsblast_grants.asp.

SchoolGrants is a collection of resources and tips to help K-12 educators apply for and obtain special grants for a variety of projects. The site offers various fundraising ideas, sample proposals, grant writing tips, and scholarship information. <http://www.schoolgrants.org>

Sign up for the free **GrantsAlert.com Weekly Recap** for current K-12 Funding and Grants Alerts. For more complete information go to: <http://www.grantsalert.com>.

The Grant Guru <http://www.techlearning.com/article/15512> Gary Carnow is starting a new grant writing series. First up, Building Our Grantseeker's Toolkit.

The **Grants.gov** site allows organizations to electronically find and apply for competitive grant opportunities from all Federal grant-making agencies, and encompasses over 900 grant programs offered by the 26 Federal grant-making agencies. It streamlines the process of awarding over \$350 billion annually to state and local governments, academia, not-for-profits, and other organizations.
<http://grants.gov>

Sun Microsystems Foundation Open Gateway Grants Program
http://www.sun.com/aboutsun/comm_invest/ogp/index.html

Technogrants.com – <http://www.technogrants.com/>

Top Grants You Might Not Know About <http://www.hotchalk.com/mydesk/index.php/editoria/116-grants-and-contests/346-hotchalk-grants-and-contests>

THE Journal: Funding: <http://www.thejournal.com/the/topics/funding/>

The School Funding Center is a subscription based database for federal, state, and foundation grants for schools. Included in the subscription is Dr. Deborah Porter's Successful School Grants, a step-by-step grant-writing manual by one of the foremost grant writers in the country.
[http://www.schoolfundingcenter.info/\(xzvsqo2g4qqxuc55s0mcdmyy\)/index.aspx](http://www.schoolfundingcenter.info/(xzvsqo2g4qqxuc55s0mcdmyy)/index.aspx)

Toyota USA Foundation
http://www.toyota.com/about/our_commitment/philanthropy/education/toyota_usa/

U.S. Department of Education Funding Opportunities <http://www.ed.gov/fund/landing.jhtml>

U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration <http://www.samhsa.gov/grants/>

Grant Funding and Contest Opportunities, cont'd.

U.S. Department of Justice, Office of Justice Programs, Office of Juvenile Justice and Delinquency Prevention <http://www.ojdp.ncjrs.gov/funding/FundingList.asp>

VIDEOCONFERENCES / COLLABORATIVE PROJECTS

RoundTrips <http://www.roundtrips.org>.

Contact RoundTrips at roundtrips@clayton.k12.mo.us, or (314) 773-6934.

New Links to New Learning from Cooperating School Districts

<http://www2.csd.org/newlinks/index.html>

Contact Rebecca Morrison at rmorrison@csd.org or (314) 692-1274, or read the New Links blog at

<http://www.csdtechpd.wordpress.com>

The Fairfax Network <http://www.fcps.edu/fairfaxnetwork/>, an award-winning producer of distance learning programming creates programming for educators to use in the classroom, and for public television stations and cable systems. The lineup includes quality K-12 enrichment, parenting, and staff development programs. Many of the shows come with additional resource information, teacher guides, and classroom activities created to fit seamlessly into the curriculum. Fairfax Network programs are free to schools, school systems, cable companies, and public television programmers.

Collaborations Around the Planet (CAPspace) is a social networking tool for educational videoconferencing built into the new Read Around the Planet registration system.

<http://projects.twice.cc/index.php>

Global Nomads Group creates education programs and media about global issues for youth using interactive technologies in the classroom, such as live videoconferencing and multi-media videos.

<http://www.gng.org/home.html>

Resources for Online Field Trips

- **The Virtual Smithsonian:** Includes online tours of exhibits in the museums of natural history, American history, and art in Washington. http://2k.si.edu/2k/node_rotunda/indexe.htm
- **Jet Propulsion Lab at NASA:** Allows participants to choose a virtual character and take a trip through an animated museum, mission control, and a robotics lab. <http://virtualfieldtrip.jpl.nasa.gov/smmk/top/gates>
- **National Geographic Expeditions Online:** Features a database of lesson plans, online activities, and maps tied to the national geography standards. <http://www.nationalgeographic.com/xpeditions/>
- **Ball State University Electronic Field Trips:** Offers live and archived video tours of a variety of topics and destinations, including the Florida Everglades, gray whale migrations from Southern California to Mexico, and the Indianapolis Motor Speedway. Includes low-cost Web resources for each lesson. <http://www.bsu.edu/eft/home2/00front.htm>
- **Colonial Williamsburg:** Programs for grades 4-8 with live broadcasts on public-television stations and archived video presentations on the web highlighting people, places, and events throughout history. <http://www.history.org/trips/>

FROM THE MAILBAG

Thinking of going to open source? Here is a list of educational apps from a variety of categories that might replace popular commercial software. <http://itmanagement.earthweb.com/osrc/article.php/3888901/50-Open-Source-Tools-That-Replace-Popular-Education-Apps.ht>

Virtual Aquarium and Marine Science Lessons from Shedd Aquarium <http://sea.sheddaquarium.org/sea/> offers a collection of interactive learning activities categorized according to grade level and vary in format, from video games (Squish the Fish for 1st graders) to virtual scavenger hunts (Conservation Investigation). In addition to the

From the Mailbag, cont'd.

interactive activities, Shedd Aquarium <http://sea.sheddaquarium.org/sea/> provides a host of great Marine Science lesson plans for grades K-12. **Some related items that may be of interest to you:**

- **10 Sources of Educational Science Games**
<http://www.freetech4teachers.com/2010/04/10-sources-of-educational-science-games.html>
- **Five Sources of Fun Mathematics Games**
<http://www.freetech4teachers.com/2009/08/five-sources-of-fun-mathematics-games.html>
- **Ten Problem Solving Games for K-8 Students**
<http://www.freetech4teachers.com/2009/04/ten-problem-solving-games-for-k-8.html>

The STEM Collaborative .org is your gateway to four captivating online adventures that put the fun in math and help middle school students make real world math connections. Engaging, action-driven challenges and interactive activities within each game motivate students to explore and experience math like never before.

Students use geometry, algebra and proportional reasoning to engage in fun tasks such as, measuring a roller coaster ride, building a skateboard ramp, making mouth-watering recipes or traveling the globe on a rock and roll tour. Once students experience the value of math in everyday life, learning becomes relevant, real and rewarding. Through curiosity, exploration and determination to succeed, learners grasp critical concepts, build confidence and gain valuable 21st century skills.

Make the math connection with four interactive online learning adventures for middle school classrooms.

- Math by Design
- Proportionland
- Rock n Roll Roadtrip
- Scale City

These technology-rich approaches bring excitement to the classroom and offer a fresh, new way to engage students in active learning. Each STEM learning adventure is aligned to standards and features rich digital media including virtual environments, simulations, videos and interactive activities.

You will also find:

- A handy chart organizing project resources by math concept and standard
- A wealth of additional free web based STEM resources organized by grade level.

To find out more, visit <http://www.thinkport.org/Classroom/stem.tp>

Project Look Sharp is a media literacy initiative of Ithaca College to provide materials, training and support for the effective integration of media literacy with critical thinking into classroom curricula at all education levels.

<http://www.ithaca.edu/looksharp/?action=main&PHPSESSID=0e03289a64f63892437c76460ed0cbf8>

From Tech & Learning

- **The 10 Zens of Tech Planning** <http://www.techlearning.com/article/30316> Your principal has drafted you to create a school-based technology plan. Now what? Try these tech-planning tips:
- **10 Essential Strategies for Leading A Technology Department** <http://www.techlearning.com/article/14138>
By Terry Freedman, September 4, 2008, Terry Freedman boils good leadership down to a handful of key principles.

EcoKids - Environmental Science Games &Activities <http://www.ecokids.ca/pub/index.cfm> provides free resources for teaching and learning about topics in environmental science. The eight categories of games and activities http://www.ecokids.ca/pub/games_activities/index.cfm, wildlife, climate change, energy, water, waste, land use, the North, and First Nations & Inuit, are categorized according to age appropriateness for kids offers dozens of online games across eight categories.

NEW and UPDATED eTHEMES

Author Study: Gary Paulsen These websites are about author Gary Paulsen and his books. Includes biographical information, interviews, lesson plans, activity ideas, and book reviews. There is also a booklist of adventure stories for teens. Many of the websites and lesson plans deal with the common Paulsen theme of survival. There are links to eThemes resources on “Mr. Tucket” by Gary Paulsen, the Iditarod, and other literary works on survival.

<http://ethemes.missouri.edu/themes/1070>

Chemistry: Atoms and Elements These sites have information about atoms, atom structure, different models of atoms, elements, and the periodic table. There are also some online quizzes and a hands-on activity. There are links to eThemes resources on the properties of matter and on gases, liquids, and solids.

<http://ethemes.missouri.edu/themes/574>

Classroom Design: Layout Learn here how to plan a classroom layout, how to place furniture, and draw a floor plan. The sites include photographs and schematic drawings. <http://ethemes.missouri.edu/themes/1435>

Debate Topic: Year Round School These sites explore the advantages and disadvantages for following a year round school schedule versus a traditional schedule that features a summer break. The information on these sites can help students create their debate arguments for or against this type of schedule. There is a link to an eThemes Resource on debate. <http://ethemes.missouri.edu/themes/1493>

Grammar: Parts of Speech: Adjectives These sites have definitions and examples of adjectives. Includes many activity ideas, handouts, practice exercises, online quizzes, and more. There is a link to an eThemes Resource on character traits. <http://ethemes.missouri.edu/themes/1646>

Health: Diet and Nutrition These sites are about good nutrition and healthy diets. Learn about the food pyramid and how food is good for the body. Topics include how to read food labels and look for additives. There are also online games and quizzes about nutrition. <http://ethemes.missouri.edu/themes/917>

Math: Fractions for First Grade These sites focus on fractions for first grade students. There is information on identifying fractions and practice dividing fractional parts. Includes interactive sites, online games, visual manipulative, printable worksheets, and quizzes. There is also a link to an eThemes Resource on Fractions.

<http://ethemes.missouri.edu/themes/1421>

Matter: Gases, Liquids, and Solids These sites explain and define the three stages (or phases) of matter: gas, liquid, and solid. There is also information about a fourth phase called plasmas. Includes animations of particles, videos, illustrations, and activity ideas. There are links to eThemes resources on the properties of matter and mass and weight. <http://ethemes.missouri.edu/themes/589>

Revolutionary War: Biographies This is a collection of biographies on the men and women involved in the Revolutionary War. Learn about George Washington, Benjamin Franklin, King George III, Samuel Adams, Benedict Arnold, Crispus Attucks, Nathan Hale, Ethan Allen, and more. Includes portraits, some videos, and letters from spies. There are links to eThemes Resources on Paul Revere and the Revolutionary War.

<http://ethemes.missouri.edu/themes/1355>

Revolutionary War: Elementary School These sites for elementary students focus on the major events leading up to the American Revolution. Learn about the Boston Tea Party, the Boston Massacre, the Proclamation of 1763, and more. Includes timelines, videos, and games. There are links to other eThemes Resources about the Revolutionary War and the U.S. Constitution. <http://ethemes.missouri.edu/themes/1353>

Revolutionary War: Heroes This is a collection of biographies on some of the heroes and heroines of the Revolutionary War. Learn about George Washington, Benjamin Franklin, Abigail Adams, Samuel Adams, Crispus Attucks, Lydia Darragh, Nathan Hale, Ethan Allen, and more. Includes portraits, videos, letters, and other resources. There is a link to the eThemes Resource on Revolutionary War biographies.

<http://ethemes.missouri.edu/themes/1828>

New and Updated eTHEMES, cont'd.

Teaching Tips: Writing Assessment Tools These sites include rubrics, scoring guides, and checklists for assessing student writing. Ideas for peer editing and student self-evaluation are included. Several of these assessment tools can be used as they are while others can be constructed online. <http://ethemes.missouri.edu/themes/1747>

Technology: Movie Maker Projects These sites focus on how to integrate technology, specifically digital movies, in the classroom. Ideas, lesson plans, and samples of movie projects are included. An eThemes on Windows 2.1 Movie Maker is included. <http://ethemes.missouri.edu/themes/304>

U.S. Census These sites are about the U.S. census and the importance of census data. Find out how the data is collected, what information is collected, how the census is used and accessed, and how the data impact on where money is to be spent and benefits communities. Includes interactives, games, lesson plans, quizzes, and coloring pages. There are links to eThemes Resources on Democracy: Citizenship and Community Responsibility. <http://ethemes.missouri.edu/themes/1044>

As we close this part of Newslines, we would like to thank everyone who contributed to Newslines over the past 10+ years. We appreciate all the ideas, suggestions, and informational "blurbs," and hope others in the state found them beneficial and informative. Sharing is a big part of educating, and you folks are great at both! Claranne