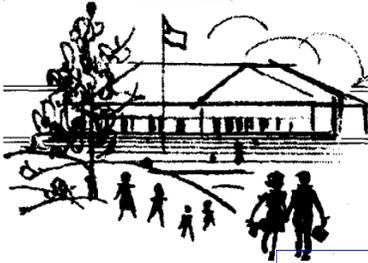




Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 10, Issue 11

"Providing Quality Service and Support to Graham County Schools"

Please visit our website
www.graham.az.gov

Superintendent's Message

Did you find yourself having to choose from a long list of activities going on during October? Numerous events plus beautiful weather made for a great month in Graham County. Our school board members traveled to the new Metcalf Elementary School in Morenci for the annual Graham/Greenlee Arizona School Board Association county meeting and dinner. Our neighbors to the east really did a nice job on the dinner and student entertainment. The Graham Co. Parade was well attended and several of our schools entered and won prizes. Congratulations! The fair was one of the best ever, and again, our students really did shine in the exhibits, livestock, and musical competitions. The Graham County School Office partnership with Freeport-McMoRan providing science kits to targeted grade levels was in full swing last month and ended with the Chemistry of Copper presentation by Dr. Phil McBride. A great big thank-you goes to FMI for funding this unique project, EAC for providing the venue at Discovery Park, and to the teachers who presented and came to the presentations! Hundreds of science kits are now in the hands of our teachers. Our office hosted the Graham/Greenlee Early Childhood Coalition training on "Read On Arizona." We also provided ongoing professional development for the Graham/Greenlee administrators regarding the English Language Arts standards. We finished off the month by facilitating an Advanced Payroll training for our school business officials. Good things are happening in Graham County!

Contact us:

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Online Registration:
www.graham.az.gov

Click on:
School Superintendent,
workshops

The Graham County School Office is a member of the East Central Regional Service Center—ECRSC—which includes Gila, Greenlee and Pinal counties.

Our Goal: Provide regionally-based service, support and technical assistance, in collaboration with the Arizona Dept. of Ed. and the Governor's Office of Education Innovation.

Dates to remember:

- Nov. 3**— Property taxes are due!
- Nov. 3**—ADE Arts Standards meeting at SUSD 3:30—5:00 in the RAC
- Nov. 4**—Election Day, please vote!
- Nov. 11**—Veterans Day, honor our veterans
- Nov. 13**—Auditor General training for school business officials, Gen. Services
- Nov. 24**—Graham/Greenlee Superintendents meeting in Solomon
- Nov. 25**—Graham /Greenlee Administrator training in General Services
- Nov. 27**—Thanksgiving



It's Time to Plan for The 2015 Spelling Bee!



Timeline

- Graham County schools should submit their winners to the County School Office by January 28, 2015.
- The Graham County Spelling Bee will be held Wednesday February 4, 2015 at 6:00 p.m. in the Graham County General Services Building.
- The winner of the Graham County Spelling Bee will compete at the Arizona Spelling Bee on Saturday March 21, 2015 at the Eight/Arizona PBS Studios.
- The Arizona winner will advance to the Scripps National Spelling Bee in late May 2015.

To learn more about the Arizona Spelling Bee, please visit
<http://azedfoundation.org/programs/arizona-spelling-bee/>

Commonly misspelled words

absence * accommodate * affect * advise * auxiliary * beneficial * belief * biscuit * chief * cemetery * chose * commitment * colonel * conscious * conscience * conscientious * develop * definitely * effect * eighth * embarrass * especially * exaggerate * February * foreign * forty * fourth * gauge * guarantee * height * hygiene * ignorance * idiosyncrasy * indicted * interrupt * irrelevant * leisure * lieutenant * license * loose/lose * maintenance * minuscule * miscellaneous * mischievous * neutron * ninth * nuisance * occurrence * orchestra * peaceable * peculiar * perseverance * potato * potatoes * psychology * receipt * reminiscence * reservoir * rheumatism * sacrifice * scenery * secede * secretary * seize * sergeant * siege * souvenir * specifically * spontaneous * supersede * suspicious * thorough * though * through * tournament * twelfth * usually * vacuum * whether * weather * wholly * withdrawal * woman * women * worthwhile * yacht

Grant Opportunities for Teachers from the United Way of Graham County

A new grant opportunity for Graham County teachers is now available! Please follow these steps:

1. Visit www.uwgraham.com
2. Click on “How to Apply”
3. Click on the 2014 Grant Funding Guidelines to read about the United Way’s programs and funding priorities.
4. Click on the UWGC-EducationApplication-2014

Please note that applications will be accepted and reviewed every month except December. Complete and eligible applications received by the 1st of the month will be reviewed and a decision will be made and communicated that same month. Please submit your complete application packet to uwgraham@gmail.com.

About the United Way

The United Way of Graham County is an all-volunteer organization that provides grant support to nonprofit organizations in southeastern Arizona. We serve Graham and Greenlee counties, providing funding support for causes in Education, Income and Health.

Our mission: to advance the common good by focusing on quality of life, health and education—the building blocks of a good life.

**Have you written your
grant yet?**



Note to teachers: *Feel free to share this article with parents. You could post it on your web page, include it in a newsletter, or copy it to send home with the children. Schools need to take an active role in encouraging healthy choices for children. Halloween presents a challenge. This is the perfect opportunity to seize the opportunity!*

HALLOWEEN: The Day After

If your children or grandchildren went trick or treating on the 31st, the chances are they came home with lots of sweet treats. As a parent or caregiver you need to take some action. First of all, safety! Inspect everything in the collection to be sure all is safe. Throw away anything that looks suspicious or tampered with. Secondly, moderation is the key. Limit the daily intake. It would be great if children were limited to one piece per day. Remember that children don't usually have such self-discipline. You can provide guidance on this. Also, have your child brush his or her teeth after eating candy. This is a good habit to begin in the preschool years. Oral health problems are a main reason for school absences. Early dental care will prevent future loss of school time. You want to set your children up for success. After three weeks, toss the remaining candy out. It will be old news by then and truly won't be missed. If you are in the position to manage that bag of sweet loot, take the time to make it a positive learning experience with your child. Remember the key words: SAFETY, MODERATION, BRUSH, AND TOSS!





Visit www.readonarizona.org to learn more about the importance of early literacy skills. You can learn how to obtain the *Early Literacy Guide for Families* which contains information on how to assist the young children in your home. The guide is for any parent or caregiver of an Arizona child age birth through third grade.

It explains:

- The importance of early literacy and how you can help your child develop reading skills.
- Why third grade is an important milestone and what Arizona law says about reading requirements for third grade students.

Did you know?

- 3rd grade reading levels are strong predictors of ninth grade course performance, high school graduation, college attendance
- Language matters—preschoolers whose parents read to them, tell stories, and sing songs tend to develop larger vocabularies, become better readers, and perform better in school. Children develop important language skills from birth—and early language abilities are directly related to later reading abilities.

myON: A Digital Library for Every Child in Arizona

This is an innovative reading solution to keep kids reading. Trial access to a library of thousands of enhanced digital books on computers, tablets and other devices. Books are available online anytime, anywhere a student has access to an internet connection. The free trial access runs through December 19, 2014.

It takes only a few simple steps to access myON books:

1. Go online to: www.myon.com
2. Click the Log In Now button and enter the following information:
 - School Name: Read On Arizona, Digital Library (Note: Begin entering the first few letters of “Read On” and then select “Read On Arizona, Digital Library” from the drop-down menu. For this trial, you are not to enter your individual school name.)
 - User name: read Password: read
3. Click on Sign In, select a book and start reading!



Let's Get Ready! App

Prepare your family for the unexpected with Sesame Street's Let Get Ready! App. This engaging, interactive app helps families prepare for emergencies in simple ways, as children learn basic information to help them stay safe and make them proud to be prepared!

<https://www.youtube.com/watch?v=GXFhTigeGqc&index=2&l>



The Development of Phonological Skills

Basic listening skills and "word awareness" are critical precursors to phonological awareness. Learn the milestones for acquiring phonological skills.

<http://www.readingrockets.org/article/development-phonological-skills>



Bully Prevention

Bullying is a problem many children will face as they grow up. Watch the Good Birds Club with your child to begin a conversation about bullying. Additionally, watch the Happy to Be Me Anti-Bullying Discussion videos for more about recognizing and preventing bullying.

<http://www.sesamestreet.org/parents/topicsandactivities/topics/bullying>



KIP (Kindergarteners in Progress)

ASSET-Eight, Arizona PBS created the "Kindergarteners in Progress" website for preschoolers, their parents, and caregivers. Children and adults will find Kiptown a fun and engaging place to play and learn together. Kiptown contains five locations. Each location in Kiptown provides an opportunity for children to practice a variety of skills to get ready for kindergarten. All the activities in Kiptown are based on Arizona's Early Learning Standards, 3rd Edition.

<http://www.asset.asu.edu/kip/english.html>



New & Noteworthy

Webinar: Dr. Henry Louis Gates, Jr.

11/5 @ 6:30 p.m. EDT / Webinar for Teachers
<http://www.pbslearningmedia.org/collection/getyourtechon/>

Join Harvard scholar and PBS host Dr. Henry Louis Gates, Jr. For a look at how he uses science to illuminate history and enhance his storytelling.

Webinar: Game-Based Learning

11/12 @ 6:00 p.m. EDT / Webinar for Teachers
<http://www.pbslearningmedia.org/collection/getyourtechon/>

Do you ever wish that you could tap into the allure of gaming while communicating key curricular topics? See what these gaming experts recommend!

Professional Development

PD for Digital Classrooms: Looking to bring your classroom into the digital age? These 1.5 –hour online courses will help get you started on the right foot:

Blended Learning and Flipped Classroom 101

Grades K-12 / 1.5 Hours

Promoting Digital Literacy and Citizenship

Grades K-12 / 1.5 Hours

Approaching to Digital Assessment in Your Classroom

Grades K-12 / 1.5 Hours

<http://www.pbs.org/teacherline/catalog/courses>

Digital Resources

Enhance classroom conversation, homework assignments, and flipped lessons with these creative, Halloween-inspired resources:

The Zombie Autopsies for Educators

Grades 8-13+ / Collection / Science

Make science class a little spookier this year with four ghoulish lessons designed to introduce students to neurobiology and the inner workings of the brain.

<http://www.pbslearningmedia.org/collection/pbs-newshour-presents-neuroscience-and-zombies>

Supernatural Elements in Shakespeare

Grades 8-12 / Media Gallery / Literature

Ghosts, witches, and magic play an important role in some of Shakespeare's most notable works. Do you know which ones? Find out here!

<http://www.pbslearningmedia.org/resource/shak13.ela.lit.super/supernatural-elements-in-william-shakespeare/>

The History of Halloween

Grades 2-6 / Video / History & Culture

Halloween hasn't always been about candy and costumes. Take a look back at the historical origins of this spooky holiday.

For more Halloween resources, visit:

pbslearningmedia.org

PBS LearningMedia www.pbslearningmedia.org



Arizona State Board of Education

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State Board Of Education Adopts Principles to Guide New A-F School Accountability System

Board to establish a safe harbor year for all accountability measures

Yesterday the State Board of Education adopted principles of agreement that will guide the development of the next generation of A through F school accountability profiles. The Board also expressed its interest in establishing a safe harbor year for all accountability measures.

The Board's A through F School Accountability Committee recommended the guiding principles after significant public input. The committee was chaired by Board Member Jaime Molera, and included Board Vice President Greg Miller and Board Member Amy Hamilton.

"The committee did not confine itself to a system as-is; we looked at the system in its totality in order to allow for the creation of the best school accountability system for Arizona," said Mr. Molera. "We want a meaningful system that will provide apples to apples comparisons of our schools, with diagnostic information to educators, parents, and policy makers that will allow successes to be replicated and deficiencies to be addressed."

"These principles are an excellent framework to begin the task of restructuring our school accountability system," said Board President Thomas Tyree. "As the details of the new system are developed, we need to ensure that our schools have an opportunity to be successful as we make significant policy changes."

Anticipating the selection of a new statewide assessment at a special Board meeting on November 3, President Tyree asked that the December Board meeting include an item identifying next steps to establish a safe harbor year for accountability measures. This action would effectively allow a hold harmless period while baseline data is collected on the new assessment and related policy changes are being discussed. The Board, together with ADE, will actively inform the community of all opportunities to comment on proposed policies.

Chairman Molera assembled a group of community leaders to act as advisors to the A-F School Accountability Committee, which included:

Dr. Sybil Francis, Executive Director, Center for the Future of Arizona

Dr. Roger Freeman, Superintendent, Littleton Elementary School District

Becky Hill, Manager, Hill Advocacy

Lisa Graham Keegan, Executive Director, A for Arizona

Eileen Klein, President, Arizona Board of Regents

Dr. Ildiko Laczko-Kerr, Vice President of Academics, Arizona Charter School Association

Paul Luna, President and CEO, Helios Foundation

Janice Palmer, Arizona School Board's Association

continued pg. 9

The principles of agreement are included below.

PRINCIPLES OF AGREEMENT

State Board of Education's A-F School Accountability Committee

Philosophical Agreements:

- A through F achievement profile will examine solely academically relevant information.
- Multiple measures of performance provide more information about a school's quality than a single test score.
- The achievement profile must recognize academic growth as an essential element of measurement: Schools must not be penalized for low scores if significant gains are made over the course of the academic year. However, at least one year's of growth must remain the expectation to ensure student's stay on pace to graduate prepared.
- "A" schools must be truly excellent in their preparation of students for college and work as measured throughout the P-20 and career readiness system.
- All schools must have the opportunity to achieve "A" status.
- The system must meaningfully balance simplicity with transparency.
- Arizona's A-F achievement profile should align with and reinforce the State Board of Education's policy goals for academic achievement.

Technical Agreements:

- The A-F achievement profile shall provide timely, valid, and reliable information.
- The state shall produce information for schools that identifies the students included in each measure. School should receive data and accompanying technical documents so the schools may replicate and validate the findings.
- The achievement profile should reflect both growth of students not at grade level, as well as students at or above grade level.
- The achievement profile will reflect students' mastery of standards.
- The achievement profile will utilize multiple years of data as available and appropriate.
- The achievement profile will utilize postsecondary success measures

Implementation Agreements:

- In order to ensure that each new measure captures the intent, the state should pilot portions of the achievement profile.
- The state should verify the achievement profile to comply with technical requirements and/or statutes and State Board of Education rules.
- The state will present the achievement profile and other agreed to measures of school quality to parents, educators, and policy makers in a timely, informative, and easy to understand format. This includes releasing formula or other updates to how the annual profiles are determined prior to the start of the school year the profile will reflect.

A coalition of technical and policy stakeholders must be consulted to create, evaluate and refine the methodologies used in the achievement profile to ensure transparency, feedback from the field and community, and compliance with Agreements.

###

*Board Members: President Thomas Tyree, Vice President Greg Miller, Reginald Ballantyne III, Amy Hamilton, Dr. Ann Hart, Roger Jacks
Jaime Molera, Jacob Moore, Cheryl Rogers, Dr. James Rottweiler, Superintendent of Public Instruction John Huppenthal*

Executive Director: Christine M. Thompson

SAFFORD CITY
GRAHAM COUNTY
LIBRARY



808 S. Seventh Ave.
Safford, AZ 85546
(928) 432-4165

The Safford City / Graham County Library offers services beyond checking out books. The Graham County School Superintendent has partnered with the library to offer homework help for students from kindergarten through college. **It's free to Graham County students.** Visit the library's homepage at www.cityofsafford.us and click on the *Homework Help* icon. This will lead you to the icon for **Tutor.com**. "Check out" this free tool and get help on any subject.

Citizens looking for help with finding a job should take advantage of the services offered by Job Skills Instructor, Kevin Hansen. Mr. Hansen offers help in finding jobs and preparing resumes. Additionally, he will help coach job seekers as they practice their interview skills. This is a great service!

The library has partnered with *First Things First* to enhance literacy skills in our youngest population. In addition to story time, parents can bring their children to the Brain Box sessions and other preschool activities scheduled throughout the year. The library has secured a grant from First Things First to fund the Imagination Library Book Club. Children ages birth through five can be signed up to receive a free, age-appropriate book in the mail each month. These are just a few of the wonderful things families can explore due to the partnerships formed by the library.

Visit the Safford City / Graham County Library in person or online!



The Safford City—Graham County Library has partnered with the Arizona State Library to bring a fabulous FREE database of eBooks to our students!

Visit www.saffordlibrary.org

On the left side of the screen, click on "TumbleBooks / eBooks for Kids

"Check out" the titles, which now include non-fiction!

The books are indexed by reading levels, grade, and lexile.

Take advantage of this valuable opportunity—it's free!

Visit the Gift Shop!

Safford City / Graham County Library

808 S. Seventh Ave.

Safford, AZ 85546 928-432-4165

Hours: Mon.—Thursday 10:00 a.m. —7:00 p.m. Closed Friday—Sunday

A message from Paul Anger, Director of Discovery Park and Cheryl Dunham, Arizona Department of Education

Close Reading of Science Text Webinar November 13th 2014

Reasoning with complex text in science requires careful gathering of evidence from text and an understanding of the scientific ideas presented. This webinar will provide teachers an overview of the process of close reading and how to apply it within the science classroom.

Here is the link to register for the webinar <https://student.gototraining.com/r/4183867502309703936>

Part 3: Developing Scientific Habits of Mind December 9th 2014 The Scientific Method, as presented in many textbooks, is often an oversimplified representation of what is really a rich, complex, and unpredictable process. This webinar will examine the more accurate representation of the process of science and explore resources that can be used to foster scientific habits of mind with students. Here is the link for the webinar

<https://student.gototraining.com/rt/9158080096600706560>

Cheers! *Cheryl Dunham* K-12 Science Education Program Specialist Arizona Department of Education Cheryl.Dunham@azed.gov 602-542-4734 [K-12 Academic Standards Science Resource Page](#)



Arizona Science Teachers Association (ASTA)

Annual Conference "Let's Build Science"

November 7-8, 2014

NAU North Valley Phoenix Campus

Are you a Pre-K through Post-secondary teachers? Are you a teacher leader? Administrator? Are you a science educator? Information science educator? Are you looking for ways to teach STEM? Have a STEM class? STEM school? Then you should attend the ASTA Conference!

One strand is focused on **STEM: Integration and Innovation**

<https://www.azsta.org/conferences>

Science as the Hub

- [STEM: Integration and Innovation](#)
- [Putting Science Standards Into Action](#)
- [Effective Leadership](#)

ASTA is excited to announce that **Adventurer and Conservationist Gregg Treinish**, a National Geographic Explorer will be our keynote on **November 7th**. **Following is a link to his bio and a description of his work:**

<http://www.nationalgeographic.com/explorers/bios/gregg-treinish/>

On **Saturday, November 8th**, [EdTechInnovators](#) will be facilitating five 1-hour workshops on utilizing technology in the classroom.

You can register online or onsite for one day or both days at www.azsta.org

Sara Torres ASTA Executive Director

520-09-1886 www.azsta.org

Virtual Field Trip – Freeport-McMoRan’s Morenci Copper Mine

Discovery Education and Freeport-McMoRan have partnered to create a FREE interactive program for grades 6-8 that uncovers the use of transition metals such as copper, gold and molybdenum in our everyday life, and provides students a deeper understanding of today’s hard rock mining industry.

*Join us **LIVE** from Arizona, for a behind-the-scenes look at a working Copper Mine. During this live virtual field trip, students will see a Geologist and Mine Planning Engineer showcase real-world examples of how STEM is used in the workplace.*

Date/Time:

Thursday, November 13, 2014

11 a.m. MST (1 p.m. EST)



Early Bird Registration:

All schools registered for the live broadcast before November 1 will be entered into the early bird drawing. The selected school will be able to send a student to the live broadcast and the student will be able to ask a question during the live show. Drawings will be held on November 2.

To register for this FREE event, [click here](#).

Guest Speaker:

Southeastern Arizona Middle Schools - Would you like a Freeport-McMoRan employee to visit your classroom during the live show? Contact [Emily Muteb](#) before November 1st to make arrangements.

Dig Into Mining Educational Resources:

The Dig Into Mining website equips educators, students and families with dynamic resources - including a virtual field trip, interactive digital learning tools, and school-to-home connections with career exploration activities – designed to give students a front row seat to nature’s geological wonders and inspire further exploration of the world around them. Discover more at digintomining.com.

Questions:

For any questions, please email DigIntoMining@discovery.com.

Emily Muteb

Freeport-McMoRan Community Development Specialist — Southeastern Arizona

Office: 928-865-6235 Cell: 928-965-5818 www.freeportinmycommunity.com



EASTERN ARIZONA SCIENCE INITIATIVE

2015 Eastern Arizona Regional Science Fair Competition

Hosted by The EAC Discovery Park Campus

2015 EASTERN ARIZONA REGIONAL Science Fair Competition

The Overall Winners
in Each Grade level
will receive:



Nextbook 8" Tablet with 8GB Memory
Quad Core:

- 8" touchscreen, 1024 x 768 resolution
- The Android 4.2 Jelly Bean tablet has built-in 802.11b/g/n WiFi
- Back 2MP webcam and front 0.3MP webcam
- miniHDMI port
- Email, Alarm, Photo Viewer, Google Maps, YouTube, Nook
- Ebook Store, Vudu, Flixster, Cloudlink
- Web browser and Google Play

- The Regional Science Fair is open to all Eastern Arizona (Graham & Greenlee Counties) School Districts and Charter Schools.
- There are three levels of Participation: 5th & 6th Grade, 7th & 8th Grade, and open High School and three categories in each level: Earth Science, Life Science, and Physical Science.
- Anticipating that all projects will be judged by Freeport-McMoRan Copper & Gold Employees, and Society of Metallurgy and Exploration (SME) Members.
- 1st & 2nd Place winners will receive Trophies, Place Ribbons, and Certificate of Participation.
- 3rd Place and Honorable Mention winners will receive Place Ribbons and Certificate of Participation.

**Plus, all 1st Place winners will receive a Full-Tuition Scholarship to the
2015 EASI SUMMER SCIENCE CAMP OR H. S. FORENSICS CAMP**

Hosted by Discovery Park Campus and Eastern Arizona College

Project Displays must be delivered to the

EAC Discovery Park Campus – Ranch House by Thursday, March 5th.

Public Viewing:

Thursday, March 5th, 2014 8:00AM – 4:00PM

Friday, March 6th, 2014 1:00PM – 5:00PM

Saturday, March 7th, 2014 3:00PM – 7:00PM

Awards Ceremony –

5:00pm Saturday, March 7th in the DPC Ranch House

EAC Discovery Park Campus
Saturday Evening Lecture series
2014- 2015 Schedule

December 13, 2014—Ron Avery “The Mekong River from Vietnam to Myanmar”
January 10, 2015—Don Lancaster “Gila Valley Day Hikes”
February 21, 2015—Dan Best “The Morenci Railway”
March 14, 2015—Kevin Hansen “Rattlesnakes”
April 11, 2015—Clay James “Calling All Critter Callers”

“SATURDAY SCIENCE CAMPS” ARE BACK!

Saturday November 22, 2014

5th & 6th Grade

Saturday February 21, 2015

Middle School

Saturday April 11, 2015

High School

Please contact Paul Anger at 928-428-6260 for more information about these popular science camps for kids!

The **EAC Discovery Park Campus** is available to help you have a fun, safe and educational science field trip, and best of all....***there's no cost!***

The EAC Discovery Park Campus is available by reservation for field trips on
Tuesdays and Thursdays from 8:00 a.m. to 1:00 p.m.

(The usual time frame for a field trip is about 2-3 hours.) Scheduling a field trip is easy!
Just call or email us with: *preferred date *grade level(s) *number of students *your available
time frames *lessons, either “Habitat” or “Astronomy.”

In addition to these field trips, EAC Discovery Park offers a variety of educational opportunities
and activities that are not found anywhere else!

- ⇒ Amazing artifacts and photographs from the **Graham County Historical Society**
- ⇒ An display describing the **Electromagnetic spectrum** and light and energy
- ⇒ We have our friends **Galileo Galilei, Isaac Newton, and Albert Einstein** to help us follow
the interesting **“History of Astronomy”**
- ⇒ We also have the world’s largest permanently mounted **Camera Obscura**
- ⇒ We have the research-grade **20” Tinsley Telescope**

Please feel free to contact Jackie at the EAC Discovery Park Campus at 928-428-6260 or dis-
coverypark@eac.edu

What is the new Arizona STEM Network online platform doing?

- Brings all SFaz's STEM content and connections together
- Connects education and industry
- Provides online STEM resources and tools
- Encourages collaboration and sharing among educators
- Allows SFaz to contact specific groups with targeted content
- Engages users in low-maintenance online environment



The screenshot shows the homepage of the Arizona STEM Network. At the top left is the logo for the Arizona STEM Network, and at the top right is the logo for the Science Foundation Arizona. Below the logos is a navigation menu with links for Home, Join, About, Profile, Groups, STEM Tools & Resources, Business Advocates, and Help. The main banner features a video player with the title "Connecting Education and Industry" and the subtitle "Learn how you can help impact Arizona's Education Landscape". Below the banner are three buttons: "Educators", "Business Advocates", and "Tools4Teachers". At the bottom of the screenshot, there is a video player showing a woman speaking, with the title "Arizona STEM Network: Making a Difference in Ed...".

TEACHERS - Find hundreds of vetted resources to integrate STEM into your school and classroom. Connect with other teachers around the state. Learn about best practices and exciting new teaching strategies.

BUSINESSES - Discover how to impact your local school through proven educational programs. Share your expertise with the next generation of workers.

NON-PROFITS and EDUCATION SERVICES PROVIDERS - Expand your reach. Share your program expertise with school administrators, teachers, philanthropic partners and businesses.

And so much MORE - Find resources on STEM Clubs and other after school STEM activities. Participate in forums, stay updated on STEM news and events, and join groups focused on different areas in STEM.



Grant Funding Alerts

It's never too early to start working on a grant!

Freeport-McMoRan Inc. Grants

Mini-Grants for Education Application Window: May 1st –Oct. 1st

Please visit www.freeportinmycommunity.com

Grants in the range of \$100—\$500 a school is eligible to receive up to four mini-grants per year. Additional grant opportunities are available including the STEM Education grant. Graham County received nearly \$500,000 in the recent round of Community Investment Fund grant awards held in August. Thank you Freeport-McMoRan!

Youth and Community Development Grants

Sponsor: Office Depot Foundation

Deadline: Monthly Amount: \$50-\$3,000

Description: The Foundation provides funding to the following program areas: 1. Giving Children Tools for Success—Supporting activities that give young people tools to succeed in the school and in life through education and inspiration. 2. Building Capacity to Serve Communities—Supporting programs that help non-profit organizations to serve the needs of their communities efficiently and effectively. 3. Disaster Preparedness, Relief, Recovery and Rebuilding....

<http://officedepotfoundation.org>

Kinder Morgan Foundation K-12 Education, Environmental Education, Arts, and Youth Development Grants

Deadline: 10th of every month Amount: \$1,000—\$5,000

"The Kinder Morgan Foundation believes that today's youth are tomorrow's leaders, and our mission is to provide them with opportunities to learn and grow. Our goal is to help today's science, math and music students become the engineers, educators and musicians who will support our diverse communities for many years to come."

<http://www.kindermorgan.com/community/>

American Honda Foundation

Deadline: November 1, 2014

Help meet the needs of American society in the areas of youth and scientific education by awarding grants to nonprofits, while strategically assisting communities in deriving long-term benefits.

<http://corporate.honda.com/america/philanthropy.aspx?id=ahf>



Grant Funding Alerts

It's never too early to start working on a grant!

National Science Foundation Innovative Technology Experiences for Students and Teachers (ITEST)

Deadline: November 6, 2014

The ITEST program through research and model-building activities seeks to build understanding of best practice factors, contexts and processes contributing to K-12 students' motivation and participation in the science, technology, engineering and mathematics (STEM) core domains along with other STEM cognate domains.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5467&org=NSF

Westinghouse N-Vision a Brighter Future Educational Grant

Deadline: November 14, 2014

Three schools will be awarded \$1,000 to complete their project by the end of the school year. Another \$2,000 will be granted to each of these school's science department for its needs. Therefore, total grant amount a school will receive is \$3,000.

http://www.westinghousenuclear.com/docs/n_vision_grant.pdf

National Council of Teachers of Mathematics Education Trust Awards

Deadline: November 7, 2014

The Mathematics Education Trust (MET) channels the generosity of contributors through the creation and funding of grants, awards, honors, and other projects that support the improvement of mathematics teaching and learning.

<http://www.nctm.org/resources/content.aspx?id=198>

International Reading Association Awards

Deadline: November 15, 2014 * Several grants are available on this site with varying deadlines.

The IRA Award for Technology and Reading honors educators in grades K-12 who are making an outstanding and innovative contribution to the use of technology in reading education.

http://www.reading.org/resources/AwardsandGrants/teachers_presidential.aspx

Win a Lamp-Free Projector

Educators can enter Casio's LampFree Projector Education Grant for a chance to win a Casio Ultra Short Throw projector, worth \$2,000, for their school.

Deadline: December 31, 2014

[Www.casiolampfree.com/educationgrant](http://www.casiolampfree.com/educationgrant)

Professional Development Opportunities/ Grant Funding Alerts

Strengthening Secondary Education

Deadline: Open

Amount: \$100,000—\$200,000

Sponsor: Arthur Vining Davis Foundation

Type: Education

Grants are made for innovative professional development programs that strengthen teachers and their teaching in grades 9-12.

<http://www.avdf.org/FoundationsPrograms/SecondaryEducation.aspx>

D-Backs Program Grants

D-Backs program grants are given statewide to non-profit organizations. Funds for these grants are raised throughout the season through team fundraising events, including the annual Evening on the Diamond benefit dinner, Shirts Off Our D-Backs and additional events. All 501(c) 3 non-profit organization in Arizona are welcome to apply for funding, however, funding must be serving the people of Arizona. The deadline is open and the amount of grant funding available for projects is \$1,000—\$5,000. For more info:

<http://arizona.diamondbacks.mlb.com/ari/community/grants.jsp>

KaBOOM! Let's Play Grants

Deadlines: Rolling

Dr. Pepper Snapple Group & KaBOOM! Are excited to offer \$500 Let's Play Completion Grants to qualifying Do-It-Yourself communities to be used toward the improvement of an existing playground built using the KaBoom! Community build model and \$750 Let's Play Maintenance Grants to communities who wish to make their playgrounds cleaner, safer and more inviting.

http://kaboom.org/about_kaboom/programs/grants

KaBOOM! Spruce Project Grants

Deadline: Rolling

Are you itching to serve? Organize your friends, clean up a playground, and you can be eligible for \$750, courtesy of Dr. Pepper Snapple Group. The grant is part of the Let's Play initiative to get kids and families active.

<http://grants.kaboom.org>

VEX Robotics

Schools interested in learning more about VEX Robotics and available grants should visit

<http://www.vexrobotics.com>
www.roboticseducation.org
www.robotevents.com

Daily Point of Light Award

Deadline: Rolling

The power of the individual to spark change and improve the world—that's what the Daily Point of Light Award celebrates. Nominate a local hero for this award. Recognition includes a certificate signed by President George H.W. Bush.

<http://www.pointsoflight.org/programs/recognition>

Youth Program Grants

Deadline: Open

Sponsor: The Entertainment Software Association Foundation

Amount: Varies

Type: Social & Economic, Arts & Culture

The ESA Foundation is dedicated to supporting positive programs and opportunities that make a difference in the lives of America's youth.

<http://www.esafoundation.org/application.asp>

Whew—you are finally at the end of this newsletter!

Sumdog Contests are back!

Sumdog math contests have started again!. The contests run Friday through the next Thursday. Graham and Greenlee teachers and students can pencil in the following dates for this school year:

January 30, 2015 April 24, 2015

For information on Sumdog please visit <http://www.sumdog.com>

Stats on the recent contest played Sept. 19—Sept.25, 2014:

8 classes qualified

163 students played

25,455 questions answered

22,038 correct answers

Participating teachers/schools:

Lundeen & Harper/Fairbanks Elementary—Morenci

Solomon Elementary 6th, 7th, & 8th grades—Solomon

Pacheco/Dorothy Stinson—Safford

Crisler & Perkins/Lafe Nelson—Safford

Congratulations teachers and students!

Toshiba America Foundation for Grades 6-12

Wanted: Classroom Innovators! Toshiba America Foundation accepts applications from teachers who are passionate about making science and mathematics more engaging for their students.

6-12 Grant requests for \$5,000 or less are accepted on a rolling basis, through the calendar year

6-12 Grant requests for \$5,000 or more are accepted and reviewed twice a year—August 1st and February 1st of each year.

<http://www.toshiba.com/taf/612.jsp>

Volunteer Opportunities at Discovery Park

Every Thursday from 7:00 a.m. to 11:00 a.m. the Greenhouse at Discovery Park will be open for people to come in, say “hi” and volunteer a bit of their time helping to grow native plants for various restoration projects in our area. This is also a great time to ask questions about the status of the Gila River Restoration Project headed by the Gila Watershed Partnership.

For more information or alternate hours, contact:

Justin Johnson, Plant Propagation Coordinator, Gila Watershed Partnership

605-270-3201 or jjohnson.gwp@gmail.com