

THE W.A.L.L.

FALL 2012



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The W.A.L.L. will be published quarterly to bring you the most up-to-date opportunities. It will be broken down into several sections with selected feature grants at the forefront of the newsletter.

In addition, we welcome any information that you would like to share with your IMSA-FUSION colleagues. We welcome your field trip ideas, grants ideas, etc. Please email Renee at randerson@imsa.edu if you have information that you would like to share. *Thanks and enjoy the FALL!*



5 Tips and Tricks for Improving Your Grant Success

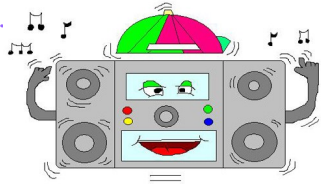
1. Articulate your project down to the last detail, know the five W's: Who you are serving (target population), What you are going to do (strategies, activities), Where it will be done (location), Why you are doing it (need, goals, objectives, and intended impact) and When it will be done (timeframe- start and completion dates, if ongoing, plans for sustainability).
2. Talk to the funder before submitting the application, find a common ground. Offer a classroom/school visit to see your program in action.
3. Follow the directions on the application/website and give them what they ask for, no more, no less-they set the guidelines for a reason.
4. Use language that anyone can understand, imagine you are having dinner with a friend who is not an educator...how would you explain your program? Watch the acronyms and spell the out if you use them.
5. Submit the proposal on time! The only proposal NEVER funded, is the proposal NEVER submitted. And Remember, sometimes it takes several tries with the same funder, so don't give up!

WE'LL SEE YOU SOON!

Please email Sandy Kehl at skehl@imsa.edu with your parent night date, time and location.

By: Julie Christman, MSW Grants Administrator IMSA





NSTA Radio

The National Science Teachers' Association (NSTA) is pleased to introduce the new NSTA Radio on the BAM Radio Network. BAM Radio is the largest education radio network in the world offering programming from the nation's top education organizations and thought leaders. NSTA is the newest Network Partner with BAM Radio and every month will be hosting five- to seven-minute discussions on a range of topics with key leaders in science education.

<http://www.nsta.org/about/olpa/>



TARGET FIELD TRIP GRANTS

Learning opportunities extend far beyond the classroom. But schools are finding it more and more difficult to bring students to museums, historical sites and cultural organizations. Field Trip Grants help give children these unique, firsthand learning experiences.

Since launching the program in 2007, Target has awarded more than \$16 million in grants — providing 2 million students in all 50 states with the opportunity to enhance their studies in the arts, math, science and social studies.

As part of the program, *each* Target store will award three Target Field Trip Grants to K—12 schools nationwide—enabling one in 25 schools throughout the U.S. to send a classroom on a field trip. Each grant is valued up to \$700.

<http://sites.target.com/site/en/company/page.jsp?contentId=WCMP04-031880>



Junior Duck Stamp Art Contest

Scenes should depict birds in their natural habitat; for example, sea ducks should be shown in ocean areas. Feather colors should be appropriate to the time of the year depicted by the environment.

Recognition and prizes will vary from state to state; however, all entries will receive certificates of participation and winners will receive special ribbons.

National First Place: \$5,000
National Second Place: \$3,000
National Third Place: \$2,000
Conservation Message First Place: \$500

<http://www.fws.gov/juniorduck/ArtContest.htm#GeneralInformation>

FEATURED FUNDING OPPORTUNITY

Donors Choice Grants

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need.

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

READesign Program

Earn a newly designed library for your school.

http://www.heartofamerica.org/READesign_criteria.htm

Illinois Green Schools

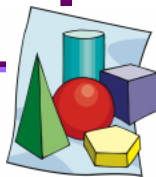
Design a school sustainability project.

<http://www.usgbc-illinois.org/programs/green-schools-day-of-service/>

NASA Air Traffic Controller APP

What is it like to be an air traffic controller? Find out by playing Sector 33, NASA's new educational app for students in middle school and above. Players act as air traffic controllers, guiding airplanes through air space spanning Nevada and California. Students must use math and problem-solving skills to adjust the planes' paths and speeds to safely reach specified spots in the fastest time possible while keeping the planes a specific distance apart. The game showcases real-world applications of math and problem solving and in sparking interest in aeronautics-related careers.

<http://www.nasa.gov/centers/ames/Sector33/iOS/index.html>



FEATURED GRANTS

PROGRAM DEVELOPMENT GRANT SOCIETY OF WOMEN ENGINEERS

This is a grant opportunity for teachers to encourage girls to pursue engineering and technology studies. Proposals must be for new, innovative programs.

<http://www.swe.org/SWE/ProgDev/index.html>

NSTA Shell Science Lab Challenge

a chance to win a school science lab makeover support package valued at \$20,000!

<http://www.nsta.org/shellsciencelab/>

NCTM Teacher Professional Development

Grant for grades PreK-5 and 6-8 teachers. The purpose of this grant is to support professional development to improve the competence in the teaching of mathematics of one or more classroom teachers.

6-8, Link:

<http://www.nctm.org/resources/content.aspx?id=1314>

PreK-5, Link:

<http://www.nctm.org/resources/content.aspx?id=1312>

ALL LEVELS (4-8)



Cedar Tree Foundation Grants: Rolling

The Cedar Tree Foundation makes grants in the following areas of concern: environmental education, environmental health and sustainable agriculture. Particular consideration is given to proposals demonstrating strong elements of environmental justice and/or conservation within the program areas listed above. Letters of inquiry accepted year-round.

Details: <http://www.cedartreefound.org/apply.html>

\$500 Do Something Seed Grant: Rolling

Young people age 25 and under who are working to start a community action project or program are eligible to apply for a \$500 Do Something Seed Grant. One winner is chosen every week.

Details: <http://www.dosomething.org/grants/seedgrants>

Earn OFFICE DEPOT Gift Cards by Recycling at School: Rolling

Through this program, your school will receive credit for any type of ink or toner cartridges that are not visibly damaged. You may also receive credit for qualifying small electronics, such as cell phones and MP3 players.

Details: <http://www.myschoolrecycles.com/>

Ashoka's Youth Venture: Rolling

Youth Venture inspires and invests in teams of young people to design and launch their own lasting social ventures, enabling them to have a transformative experience of leading positive social change. When the team is ready to launch, Youth Venture offers seed funding up to \$1,000, guidance, tools and support, and a supportive network of fellow Youth Ventures.

Details: <http://www.genv.net/>

AIAA: Grants for Science and Math Programs: Rolling

K-12 teachers who develop or apply science, math and technology may qualify for a grant of up to \$200. Grants may be used for demonstration kits, science supplies, math and science software, supplies for robotic programs, and other materials to help make science, math and technology come alive in the classroom. Grants are considered on a quarterly basis in January, March, June and September.

Details: <https://www.aiaa.org/Secondary.aspx?id=4184>

Irwin Andrew Porter Foundation: Rolling

The Irwin Andrew Porter Foundation funds environmental education programs that show evidence that the teacher thinks "outside the box." The quality, innovation, thoughtfulness and effectiveness of the project are all considered in determining the winners of this grant. Grant amounts may range from \$500 to \$30,000, depending on the nature of the program.

Details: <http://www.iapfoundation.org/>

Kinder Morgan Foundation Grant: Rolling

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.

Details: http://www.kindermorgan.com/community/km_foundation_submitgrant.cfm

Funagain Games Grants: Rolling

Funagain Games believes board games are a great way to promote education, learning, and community outreach. As such Funagain Games is proud to provide a monthly grant program dedicated to providing games to organizations that further those ideals in their daily work. Funagain will pick one recipient for each of the grants on the first business day of the month and grant recipients will be listed on the Funagain website. Grants are good for up to \$100 worth of items offered by Funagain Games. Shipping to the 50 US states is not deducted from the grant amount, and will be provided for free.

Details: <http://www.funagain.com/control/rc?p=grants>



ALL LEVELS (4-8)



Fermilab Friends for Science Education Scholarships for Teacher Workshops, Science Adventures and Transportation: Rolling

Funding for professional development for teachers and enrichment for students such as doing science in the field is becoming increasingly difficult for schools. Fermilab Friends for Science Education offers scholarships for teachers to attend summer workshops, assist with field trip transportation expenses and provide scholarships to families for student classes.

Details: http://ed.fnal.gov/ffse/ed_ffse_scholarships.html



Sip to Support a Garden Program: Rolling

Through the Sip to Support a Garden program, sponsored by Jamba Juice, schools and community gardens can earn credits that can be applied against the purchase of essential gardening equipment suitable for any age from the National Gardening Association's Gardening with Kids catalog. Participation is easy: Sign up your school or garden organization online; Your organization will receive a Jamba-Kit that includes program details—and start swiping. Each time a supporter uses the swipe card for purchases, Jamba will donate 10% of the purchase to NGA for your purchasing account. Sign up your school and Sip to Support online.

Details: <http://www.jambajuice.com/gardens>

LEGO Children's Fund: Rolling

The LEGO Children's Fund will provide quarterly grants for programs, either in part or in total, with a special interest paid to collaborative efforts and in providing matching funds to leverage new dollars into the receiving organization. We will give priority consideration to programs that both meet our goals and are supported in volunteer time and effort by our employees.

Details: <http://www.legochildrensfund.org/Guidelines.html>

Staples Foundation: Rolling

The greatest gift we can give all children is hope for the future. The Foundation aims to create and sustain in our youth the desire to realize their full potential. By setting an example of achievement, and supplying the means for inspiration and encouragement, we work to provide them with a solid basis for learning and growth.

Details: <http://www.staplesfoundation.org/index.php>

President's Volunteer Service Awards: Rolling

Be recognized for your volunteer work with a certificate and letter from the President. There are three categories - children ages 5-14, youth ages 15-25, and groups and families.

Details: <http://www.ysa.org/awards/PVSA>



Captain Planet Foundation Grant: Deadlines~September 30, January 15, May 31

The Captain Planet Foundation primarily makes grants to U.S.-based schools and organizations with an annual operating budget of less than \$3 million. Grants are made for activities that conform to the mission of the Captain Planet Foundation which is to: promote and support high-quality educational programs that enable children and youth to understand and appreciate our world through learning experiences that engage them in active, hands-on projects to improve the environment in their schools and communities.

Details: <http://captainplanetfoundation.org/apply-for-grants/>

NEA Foundation-Nickelodeon Big Help Grants: Deadlines~February 1, June 1, October 15

The National Education Association (NEA) Foundation-Nickelodeon Big Help Grants are available in the form of student achievement grants to K-8 public school educators. The program is dedicated to the development and implementation of ideas, techniques and approaches for addressing four key concerns: environmental awareness; health and wellness; students' right to a quality public education; and active community involvement. Practicing U.S. public school teachers, public school education support professionals and faculty and staff members at public institutions of higher education may apply. The maximum grant amount is \$5,000.

Details: <http://www.neafoundation.org/pages/educators/grant-programs/nea-foundation-green-grants>

ALL LEVELS (4-8)



NEA Foundation Grants: Student Achievement, Learning and Leadership, Books Across America, etc.: Deadlines~February 1, June 1, October 15

New ideas and practices to strengthen teaching and learning. Our goal is to fund and share successful strategies to educate and prepare children for bright and rewarding futures.

Details: <http://www.neafoundation.org/pages/educators/grant-programs/>

McCarthy Dressman Foundation-Teacher Development Grants: Deadlines~January 15, April 15

Provide funding to individuals or small teams of teachers in the formation and implementation of groundbreaking k-12 classroom instruction.

Details: <http://www.mccarthydressman.org/teacher.html>

Project AWARE Foundation Grant: Deadlines~March 15, June 15, September 15, December 15

The Project AWARE Foundation is committed to the preservation of the aquatic environment and its resources throughout the world through education, advocacy, and action. The Foundation provides grants for the conservation of both marine and freshwater underwater environments, with a focus on coral reefs, shark protection, sustainable fisheries, ecotourism, shoreline cleanups, and aquatic education for children. Grants range up to US \$10,000. In some instances, partial funding may be awarded.

Details: <http://www.projectaware.org/project/grants>

American Honda Foundation: Deadlines~ November 1, February 1, May 1, August 1

The American Honda Foundation supports youth education programs with a specific focus on the STEM (science, technology, engineering and mathematics) subjects in addition to the environment. Grants range from \$20,000 to \$60,000.

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

Walmart Foundation Grants: Applications accepted February 1 to December 31

Applications accepted from February 1 to December 31. Nonprofit organizations, including schools, are eligible to apply for grants (amounts vary). For more information, request an application from your local Walmart or Sam's Club.

Details: <http://www.walmartstores.com/CommunityGiving/8916.aspx>



Do Something Club Grants: Last Day of Each Month

Are you a Do Something Club working on social action projects in your community? Then you're eligible to apply for a Do Something Clubs Grant! We're giving out 5 grants worth \$250 every single month to Do Something Clubs just like you!

Details: <http://www.dosomething.org/clubs/grants>

Digital Wish: Deadlines~15th of Every Month

Digital Wish is a non-profit on a mission to help teachers solve technology shortfalls in their classrooms. Apply for grants, create a wish list of technology your classroom needs, and share lesson plans and fundraising ideas with fellow educators across the country. Digital Wish also provides a searchable library of grants and a myriad of ideas for fundraising. The entire site is designed to empower teachers to find funding for technology for their classrooms.

Details: http://www.digitalwish.com/dw/digitalwish/grant_awards

Mr. Holland's Opus Foundation-Melody Program, Special Projects Program and Teacher Award Program: Deadline~July (pre-qualifications open)

Music programs serving low-income communities, programs with little or no budget for musical instruments and music programs in school and out of school time programs.

Details: <http://www.mhopus.org/Apply>

ALL LEVELS (4-8)



Touching Lives Through Theatre™ Grants Pioneer Drama Service, Inc.: Deadline~ August 2012

Pioneer Drama Service is proud to offer grants available for the upcoming 2012-13 school year. Because we believe so strongly in the power of theatre to make a difference in a student's life, we are awarding a total of \$5000 of grants in the form of Pioneer Drama credit to qualifying middle and high schools.

Details: <http://www.pioneerdrama.com/>

ASCD Outstanding Young Educator Award: Deadline~August 1, 2012

The OYEA program celebrates the next generation of teachers and administrators who demonstrate outstanding leadership. ASCD seeks candidates who exemplify a passion for excellence in educating the whole child; demonstrating leadership; improving student engagement, achievement, and learning; and contributing to the education profession.

Details: <http://www.ascd.org/programs/Outstanding-Young-Educator-Award/Outstanding-Young-Educator-Award-Program.aspx>

Lawrence Foundation Grants: Deadline~ May 31 and November 5

The Lawrence Foundation is focused on providing grants to support environmental, education, human services, and other causes. The foundation funds projects in the following areas: science/environment, after-school, arts, community involvement/volunteerism, general education, math, miscellaneous, reading, safe/drug-free schools, social studies. The average grant amount ranges from \$5,000–\$100,000. Applications are due by **May 31** for the June grant cycle and **November 5** for the December grant cycle.

Details: <http://www.thelawrencefoundation.org/grants/>

Western Digital Foundation Grants: Deadlines~ March 15 and November 15

Grants are awarded to educational organizations that offer programs from primary through graduate levels. Of special interest are programs that focus on innovation in engineering (electrical, mechanical, chemical and solid state physics) and personal computing literacy and science discovery.

Details: <http://www.wdc.com/en/company/communityrelations/grantrequest.aspx>

Air Force Association Educator Grants: Deadlines~March 31 and September 30

The Air Force Association provides grants to public schools to support science and environment programs. Grants cannot exceed \$250 per request. Grants must be used for aerospace education-related items/activities such as books, videotapes, aerospace-oriented field trips, and aerospace education days. Deadlines are March 31 for the spring cycle and September 30 for the fall cycle.

http://www.capmembers.com/aerospace_education/aem_specific/educator_grants_and_scholarship_information.cfm

Northrop Grumman: Deadlines~April 30 and September 30

Through this program, the company seeks to address critical issues and needs by providing financial assistance to accredited schools and 501(c)(3) nonprofit organizations. The company focuses a substantial portion of its contributions on programs addressing education, the environment, health and human services, as well as services for veterans and the military. Grant requests are reviewed twice per year. Grant requests submitted by April 30 will be reviewed by May 30. Grant requests submitted by September 30 will be reviewed by October 30.

<http://www.nsta.org/publications/calendar/default.aspx>

2013 Educator Grant: Deadline~October 17, 2012

The Air Force Association believes that one of the most significant means to affect student learning is to fund grants to meet the unmet and unfunded educational needs of students. Each school year, the Association awards grants of up to \$250 to worthy projects that significantly influence student learning.

<http://www.afa.org/aef/aid/educator.asp>



INFORMATIONAL APPS**ENCYCLOPEDIA****BRITANNICA**

Learn about volcanoes.

<http://itunes.apple.com/us/app/britannica-kids-volcanoes/id388309543?mt=8>

SURVIVAL

Learn about endangered animals using this battle for survival game.

http://www.arkive.org/apps/survival?utm_source=ARKive&utm_campaign=cb3ef0b876-ARKive+Nature+Bingo7+28+2012&utm_medium=email

STEM APPS**TINKER BOX**

If you can imagine it you can build it.

<http://itunes.apple.com/us/app/tinkerbox/id431858684?mt=8>

BRAIN POP

Free video daily.

<http://itunes.apple.com/us/app/brainpop-featured-movie/id364894352?mt=8>

SIMPLE PHYSICS

"It is quite engaging, even addictive, to try and figure out how to build the structures under budget. Since the user is asked to build structures that are found in everyday life and work within a budget, it makes the game applicable to real life situations."

<http://itunes.apple.com/us/app/simplephysics/id408233979?mt=8>

**Real World APPS**

Based on a true story, this endearing tale tells of the journey three African penguins who had the misfortune of being caught in an oil spill must go on to return home. In June 2000, near Cape Town, South Africa, the ship Treasure sank spilling her cargo of oil. The Big Spill is an iPad only e-book that tells the story of Percy, Pamela and Peter, three African penguins as they are rescued, cleaned and released far from home.

<http://itunes.apple.com/us/app/the-big-spill/id508403657?mt=8>

SCIENCE APPS**FROG DISSECTION**

<http://itunes.apple.com/us/app/frog-dissection/id377626675?mt=8>

EXPLORING LIGHT

Explore this fully functioning science museum in the palm of your hand.

<http://itunes.apple.com/us/app/bobo-explores-light/id463809859?mt=8>

Howtosmile.org

Take howtosmile.org anywhere and any time to find the best hands-on science and math for any age. Search all 2,000+ STEM activities and use them to teach students, family, and friends. Features include: search full collection, browse by topic, filter results, get full activity, and share activities with your friends.

<http://howtosmile.org/iphone>

**MATH APPS****SYMMETRY SHUFFLE**

Practice flipping, turning, rotating, and translating

<http://itunes.apple.com/us/app/symmetry-shuffle/id387650111?mt=8>

ROCKET MATH

Build your rocket and practice math skills

<http://itunes.apple.com/us/app/rocket-math/id393989284?mt=8>

SLICE IT

Geometry based game

<http://itunes.apple.com/us/app/slice-it/id388116298?mt=8>

MOTION MATH

Learn fractions the fun way

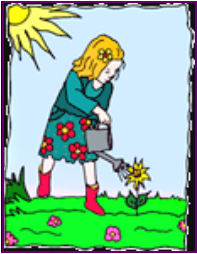
<http://itunes.apple.com/us/app/motion-math-hd/id410521340?mt=8>

BUTTERFLY BRUNCH

Helps kids learn coordinates

<http://itunes.apple.com/us/app/butterfly-brunch/id498348715?mt=8>

ELEMENTARY LEVEL (4-5)



Annie's Grants for Gardens: Rolling

We offer a limited number of small grants to community gardens, school gardens and other educational programs that connect children directly to gardening. These funds can be used to buy gardening tools, seeds or other needed supplies.

Details: http://www.annies.com/grants_for_gardens



Pets in the Classroom: Deadline~June 30, 2013

Pets in the Classroom is an educational grants program to help bring aquarium fish or small pets into PreK-6th grade classrooms. You can obtain a grant or coupon for the purchase of new pets, pet environments or pet food and supplies for existing classroom pets.

Details: <https://neforum.avectra.com/eWeb/StartPage.aspx?Site=PCT>



MIDDLE LEVEL (6-8)



NASCAR STEM Initiative: Rolling

Bring the excitement of the country's most-watched spectator sport to the classroom and provide your students with the opportunity to learn new skills in science, technology, engineering and math (STEM) using the Ten80 Student Racing Challenge: NASCAR STEM Initiative.™

Details: <http://www.studentracingchallenge.com/>

Waste Management: Rolling

Healthy thriving communities depend on involved citizens, organizations and corporate partners for momentum. We lend our support and services to causes that promote civic pride, economic development and revitalization. Every community has its own challenges, and we strive always to be part of problem-solving initiatives.

Details: <http://www.wm.com/about/community/charitable-giving.jsp>

Teach@15 Award Program: Rolling

The Teach@15 Award Program helps schools that serve grades 7-12 meet their technology needs. Teens (ages 13-18) who are registered members on at15.com can nominate their schools to win an award. The first place school will receive \$1,500, second place \$1,000, and third place \$500.

Details: http://www.bestbuy-communityrelations.com/our_focus.htm

Ways to Help: Rolling

WaysToHelp.org invites teens in the U.S. to apply for grants to fund their community service ideas across any one of 16 issue areas, including the environment. Grant requests are reviewed and responded to on a monthly basis.

Details: <http://waystohelp.org/>

Toshiba America Foundation~Deadline: (See bold below)

Do you teach 6-12 science or math? Do you have a wish list of instructional equipment that will make learning more exciting for your students? **Grade 6-12 applications for \$5,000 or less are accepted on a rolling basis, throughout the calendar year. Grant requests of more than \$5,000 are reviewed twice a year. Applications for grants of more than \$5,000 are due February 1st and August 1st each year.**

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

ARMY EDUCATIONAL OUTREACH PROGRAM

eCYBERMISSION is a web-based Science, Technology, Engineering and Mathematics (STEM) competition free for students in grades six through nine where teams can compete for State, Regional and National Awards while working to solve problems in their community.

Details: <https://www.ecybermission.com/public/Login.aspx?ReturnUrl=%2fDefault.aspx>

MIDDLE LEVEL (6-8)



Future City Competition: Rolling

This program asks sixth, seventh and eighth graders from around the nation to team with engineer-volunteer mentors to create their visions of the city of tomorrow. The competition is an example of problem-based learning with computer simulation. It is an integrated, multidisciplinary, holistic approach to relevant issues and is a strong example of STEM (science, technology, engineering and mathematics) education that addresses national and state academic content standards. This year's theme is "Fuel Your Future: Imagine new ways to meet our energy needs and maintain a healthy planet." As students address alternative energy solutions, they will consider the safety, cost, efficiency and appearance of their ideas.

Details: <http://www.futurecity.org/>



Christopher Columbus Awards: Rolling

This national, community-based science, technology, engineering, and math (STEM) program challenges middle school students to work in teams of three to four, with an adult coach, to identify a problem in their community and apply scientific methods to create an innovative solution to that problem. Eight finalist teams and their coaches will receive an all-expense-paid trip to Walt Disney World to attend National Championship Week and compete for U.S. Savings Bonds and the \$25,000 Columbus Foundation Community Grant, plus a \$200 development grant to further refine their idea. Teams do not need to be affiliated with a school to enter.

Details: <http://www.christophercolumbusawards.com/>

CHICAGO PUBLIC SCHOOLS



Chicago Foundation for Education Small Grant Program

Chicago Foundation for Education awards **\$500 Small Grants** to CPS elementary school teachers with innovative, creative classroom ideas that will enhance student learning. Grants provide teachers the resources needed to develop an effective curricular project that engages students, improves learning and aligns with the standards. Individuals or teams of teachers may apply for a Small Grant to develop and implement new project ideas in their classrooms. All Chicago public elementary school educators (PreK-8th Grade) are eligible to apply.

http://www.cfelessonplans.org/pages/teacher_login/195.php

Friends of the Chicago River Equipment Loan

Friends of the Chicago River has a variety of water quality equipment to loan, including beginner and advanced water chemistry test kits, a turbidity tube, nets, hip waders, macroinvertebrate identification sheets, buckets, trays and forceps. If you wish to borrow any of these items in the classroom or in the field, please fill out our Equipment Loan Form.

http://www.chicagoriver.org/education/field_trips/equipment_loan/



AWARDS & COMPETITIONS



We Are Teachers

Do you have a winning idea to build success in the classroom? Thousands of teachers have submitted creative initiatives for teaching projects, and hundreds have won cash and prizes for projects covering everything from the environment to the arts to digital learning and more.

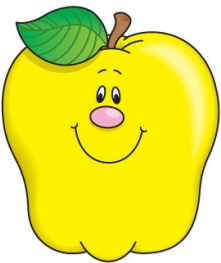
Details: <http://www.weareteachers.com/ideas>

Great Educators Award

Do you know someone who is a great educator? Someone who has been powerfully influential and positive during their time with students of all ages? We are looking to contact and hear from teachers, administrators, and other educators who have made a positive impact in their schools and classrooms.

Details: <http://www.spotlightassemblies.com/emailmarketer/surveys.php?id=9>

Golden Apple Foundation



Nominees must be full-time classroom teachers at a public or non-public school in Cook, DuPage, Kane, Lake or Will counties in Illinois. Nominees must be committed to continue teaching in Illinois for at least two years after completing the sabbatical. *NOTE: Golden Apple Awards rotate through grade levels on an annual basis: A paid semester sabbatical at Northwestern University in Evanston, IL. Winners may take as many courses as they wish in any subjects they choose. As part of the sabbatical, the winners, as a group, design a seminar series to which they invite individuals who are making significant contributions in the field of education. A cash award of \$3,000 and induction into the Golden Apple Academy of Educators*

Details: http://www.goldenapple.org/pages/awards_and_recognition/2.php

Nickelodeon's The Big Help Greens Your School

Teachers, principals, and school administrators! Here's your chance to get some green love from Nick and bring some excitement to kids in your community. Tell us what your school is planning or has done as a project to help the environment. Ten projects will receive a \$1,000 spot grants to help take their environmental project to the next level. Five projects will receive "shout outs" on Nickelodeon and/or Nick.com and one project will be chosen for a visit by Nickelodeon. In order to be considered for a visit from Nick your project must take place April 1st to 14th.

Details: Write to Maitland.Lachman@mtvstaff.com

Class Wish Organization

Sometimes businesses and civic organizations want to be involved with local schools but don't know how or what to contribute. ClassWish.org helps these groups connect with teachers. Teachers post wish lists of their classroom needs online, and the website provides customized flyers to help them spread the word in their communities about their specific needs. Interested contributors can visit the site and select what they wish to donate.

Details: ClassWish.org

Doodle 4 Google

Welcome to Doodle 4 Google, a contest where we invite students in the United States to use their artistic talents to think big and redesign Google's homepage logo for millions to see. This year, we ask students to exercise their creative imaginations around the theme, "If I could travel in time, I'd visit..." One lucky student artist will see their artwork appear on the Google homepage and take home some cool prizes--and as a special bonus, the winning artwork will appear on a limited edition of Crayola's iconic 64 box!

Details: http://www.google.com/doodle4google/#utm_campaign=en&utm_source=en-oa-na-us-site_1049488&utm_medium=oa

2012 President's Environmental Youth Awards

The PEYA program promotes awareness of U.S. natural resources while encouraging positive community stewardship by young people. One outstanding project from each of the 10 U.S. Environmental Protection Agency (EPA) regions will be selected for national recognition.

Details: <http://www.epa.gov/peya/>

AWARDS & COMPETITIONS



NAIS Challenge 20/20: Rolling

The NAIS Challenge 20/20 program brings together schools in the United States with schools in other countries. Together, they identify local solutions to a global problem. Technological advances and increased mobility and networking have led to an increasingly interdependent world. Schools have the opportunity to educate students to become leaders in this interconnected world. NAIS's Challenge 20/20 program provides an opportunity for schools — public and private, elementary and secondary — to develop globally based, experiential curricula and to build educational partnerships with schools around the world. Challenge 20/20 students form authentic bonds with students from across the globe. They learn first-hand about cross-cultural communication. Together, the teams

tackle a real problem. Upper school students may have an opportunity to share their experiences at the NAIS Institute for Student Leaders.

Details: <http://www.nais.org/go/challenge2020>

Funds for Fuel Up to Play 60: Deadlines~December 1, February 1, June 1

Up to \$4,000 per year is available to any qualifying K-12 school enrolled in Fuel Up to Play 60. The competitive, nationwide funding program can help your school jumpstart and sustain healthy nutrition and physical activity improvements. Whether you're just starting out with Fuel Up to Play 60 or looking to expand and extend an initiative that's already in motion, Funds for Fuel Up to Play 60 can help.

Details: http://school.fueluptoplay60.com/funds/funds_for_futp60.php

U.S. Department of Education Green Ribbon Schools

The U.S. Department of Education Green Ribbon Schools will recognize schools that save energy, reduce costs, feature environmentally sustainable learning spaces, protect health, foster wellness, and offer environmental education to boost academic achievement and community engagement. The recognition award is part of a larger U.S. Department of Education (Department) effort to identify and disseminate knowledge about practices proven to result in improved student engagement, academic achievement, graduation rates, and workforce preparedness, as well as a government-wide aim to increase energy independence and economic security.

Details: <http://www2.ed.gov/programs/green-ribbon-schools/index.html>

U.S. Constitution Day Poster~Deadline: October 1, 2012

Constitution Day is September 17th and ConstitutionFacts.com is sponsoring the Sixth Annual GovDoc Kids Group U.S. Constitution Day Poster Contest. K-12 students (including homeschoolers) are encouraged to submit designs depicting images about how individuals benefit from freedoms embodied in the U.S. Constitution. Each winner will receive a \$50 U.S. savings bond, and the Grand Prize winner will receive a \$200 U.S. savings bond.

Details: <http://www.constitutionday.cc/>

Spirit of Innovation Challenge~Deadline: October 24, 2012

Each year the Conrad Foundation challenges youth ages 13-18 from around the globe to Get Their Genius On and conceptualize a solution in the areas of Aerospace and Aviation, Energy and Environment, Cyber Security and Technology and Health and Nutrition. Winning teams in each category receive \$5,000 in seed grant money toward the commercialization of their product.

Details: <http://conradawards.org/pages/soic-challenge>

Children's Eyes on the Earth International Youth Photography Contest~Deadline: September 5, 2012

The 2012 Youth Photography Contest invites young people aged 17 or under to share their experiences and help promote an understanding of some of the challenges facing our planet. Youth must create an online profile and submit at least two photos to enter. Prizes include cameras, laptops and photo printers.

Details: <http://childreneyesonearth.org/contest/about-contest>



FUNDRAISERS



Read to Feed®

Read to Feed is a reading incentive service-learning program that offers global education opportunities and will foster in your children a love for reading, a passion to help others and a way to help create a better world. Heifer's Read to Feed resources makes the program fun for the students and easy for the leader.

<http://www.heifer.org/site/c.edJRKQNiFiG/b.6135231/>

Flower Power

NGA is proud to endorse Flower Power Fundraising. This program gives schools and non-profits a "healthy" option for fundraising — selling bulbs that will bloom into stunning floral displays.

<http://www.kidsgardening.com/fundraising.asp>

Healthy School Healthy You

Established in 2002, St. Hill Pharmaceutical Corporation is a certified woman-owned business whose mission is to provide families with innovative wellness products that benefit the health of adults and children alike. St. Hill started Healthy School Healthy You Fundraisers to help families do something healthy every day while providing a way for the school community to profit at the same time.

<http://www.healthy-school-healthy-you-fundraiser.org/instructions.html>



Box Tops for Education

Percentage of these purchases will go back to their schools. Teachers can begin their shopping at the Box Tops Reading Room to earn up to 6%

on purchases at Barnes & Noble. In addition, they can check out the Bonus Box Tops section for sweepstakes, contests, and other bonus opportunities each month.

<http://www.boxtops4education.com/Default.aspx>



Pennies for the Planet

Kids nationwide can participate in this environmental education and action campaign to protect wildlife and habitat. This year's program focuses on three unique and vital wildlife habitats—spanning special places from the Atlantic to the Arctic Oceans—that are in critical need of protection. Pennies for the Planet can inspire kids of all ages to learn about and become engaged in protecting biodiversity.

<http://www.togethergreen.org/p4p/>

JAMBA JUICE

Just register your school or public community garden* group to join our swipe card program. Every time a supporter of your group uses the card at a participating Jamba Juice, your program gets 10% of the sales.

<http://www.jambajuice.com/gardens>

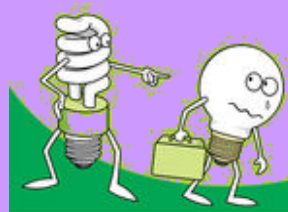
Heifer International Service Learning and Fundraising Service-Learning and Fundraising Programs

Heifer International as inspired students act to improve the lives of communities helped by Heifer. We encourage you and your students to join these efforts and offer these ideas for all grade levels to get you started.

<http://www.heifer.org/site/c.edJRKQNiFiG/b.6135227/>

Lights for Learning

An education-based outreach and fundraising program that promotes the sale and use of low-cost, energy efficient compact fluorescent light bulbs (CFLs). The Program helps children and schools raise needed funds while encouraging participants and their communities to become more energy conscious.



<http://www.lights4learning.org/>

FREEBIES



Howard Hughes Medical

HHMI has created a series of award-winning DVDs and CD-ROMs on a variety of topics in biology, and teachers can order multiple copies free of charge.

<http://www.hhmi.org/catalog/main?action=getCategor>

Museum of Science and Industry

Illinois school groups get free general admission for field trips.

<http://www.msichicago.org/education/field-trips/reservations/field-trip-reservation/>

LIFE of the FOREST Posters

Complimentary poster set: five different subjects, posters are 16 inches by 20 inches each. Accompanying five piece handout set also included.

<http://signetstore.com/>

National Park Service – A Living Classroom

The National Park Service has compiled the education resources of more than 110 national parks in a single Web site. Spanning grades K-12 the resources include virtual field trips, pre- and post- visit activities and other learning experiences that highlight each park's unique features or special environmental programs.

<http://www.nps.gov/learn/curriculum.cfm>

Classroom Resource Guide

Edutopia is thrilled to share with you our latest classroom resource guide highlighting new solutions for connecting home and school in order to improve student learning and success.

<http://www.edutopia.org/home-to-school-connections-guide>

PTO Today Free Family Night Planning Kits

"What's the best way to get more parents involved in your school? Host a School Family Night! Our School Family Nights program is a great way to bring more parents into your school and connect with your school's families. Once parents see what a great time they can have with their kids at your school events... they'll be ready to sign up for more."

<http://www.ptotoday.com/sfn/leaders>

State Parks Magazines

Are you looking for literature to distribute at an event or to provide to the public from your office, school or library? Why not consider the Illinois *State Parks Magazine*? This free publication is available in cases of 100 copies and shipping on this item is free, too. Details: <http://dnr.state.il.us/teachkids> and look under the "Park Brochures" tab.

FREE ANIMOTO PLUS ACCOUNT

Educators can receive a free Animoto Plus account for classroom use. Animoto can be used to create digital presentations that incorporate images, video clips, music, and text.

Deadline: Ongoing.

<http://animoto.com/education>

TEACH STATION WEBSITE FROM NASA

The new Teach Station Web site from National Aeronautics and Space Administration (NASA) Education is a platform for space station-focused education resources, science and research information for students and teachers, crew updates and the latest education news. Highlights include the A Teacher in Space page, where students can meet Joe Acaba, former middle school math teacher turned astronaut.

<http://www.nasa.gov/audience/foreducators/expeditios/index.html>

Purdue zipTrips~FREE Electronic Field Trip

Do you want to take your middle-school science students on a field trip without breaking the budget? Wish you had an alternative? Purdue zipTrips™ is the answer!! These free electronic field trips will bring a new experience in science education directly to your school.

<http://www.agriculture.purdue.edu/zipTrips/>



FREEBIES



Mission: Science Website

This Web site is a one-stop shop for NASA Science and the educational resources created by NASA and its partners. Most appropriate for middle and high school students and teachers, the site offers resources in five categories: NASA Science, Be a Scientist, Get Involved, Games and Activities, and Multimedia. Each category spans several science disciplines. For example, in NASA Science, physics-oriented visitors can tour the electromagnetic spectrum or watch a video on planetary dynamics, while Earth science-minded visitors can explore tropical twisters or follow NASA weather satellites in real time.

Details: <http://missionscience.nasa.gov/>



Adler Planetarium Astronomy Kits

Adler Discovery Kits are sure to be a hit in your classroom! Each kit is full of learning resources for you and your students to explore and comes with a corresponding curriculum guide. Kits may be checked out for four weeks at a time. The kits are available by reservation only.

Details: <http://www.adlerplanetarium.org/educate/resources/kits>

New Videos Spotlight Science/Technology Careers and Educational Path to Secure Jobs in Them

Advanced Technological Education Television (ATETV), an award-winning Web video series sponsored in part by the **National Science Foundation**, returns with 40 new videos just in time for the 2011/2012 school year. ATETV.ORG is a free Web video series featuring up to the minute information connecting students with high-tech education and employment opportunities. New in 2011, the series will look at career opportunities in Biotechnology, Environmental Technology (Water, Wind, Solar), Laser Manufacturing and Mechatronics just to name a few. ATETV cameras will take viewers inside the classroom and onto the job site to hear from high-tech workers themselves. New episodes are posted every Monday. This is a completely free resource with no obligation to register.

Details: <http://www.atetv.org/>



School of Ants

The School of Ants project is a citizen-scientist driven study of the ants that live in urban areas, particularly around homes and schools. Collection kits are available to anyone interested in participating. Teachers, students, parents, kids, junior-scientists, senior citizens and all ant enthusiasts are involved in collecting ants in schoolyards and backyards using a standardized protocol. Sampling kits will be available soon.

Details: <http://schoolofants.org/about>

Free Microsoft Tools for Your Classroom

Engage students, energize lesson plans, and save time using free tools for photos, videos, collaboration, and education. Many of these tools and applications don't require special training, so you can use them right away to enhance your teaching and learning activities.

Details: http://www.microsoft.com/education/en-us/teachers/guides/Pages/free-tools.aspx?qstr=CR_CC=&CR_ID=

USDA Stop the Beetle Web Site

At the U.S. Department of Agriculture's Stop the Beetle Web site, students ages 8-12 can learn about the Emerald Ash Borer (EAB) beetle and how to protect ash trees from this insect pest. The Web site also has printable activity sheets, an online fact-matching game and a video entitled The Nature Walk: Understanding the Life Cycle of the EAB.

Details: <http://www.stopthebeetle.info/kidscorner/>



Dyson Education Materials Online and Through Loans

The James Dyson Foundation offers several educational resources online and through loans to teachers. Among them, the Engineering Box, designed to teach reverse engineering, can be borrowed for four weeks at a time for free. The Box's items, which include a Dyson DC26 vacuum cleaner, seven Dyson Turbine Head floor tools, one Dyson Carbon fiber floor tool, and eight Torx screwdrivers, are used in combination with the Foundation's Product Analysis resources.

Details: <http://jamesdysonfoundation.com/contact.asp>

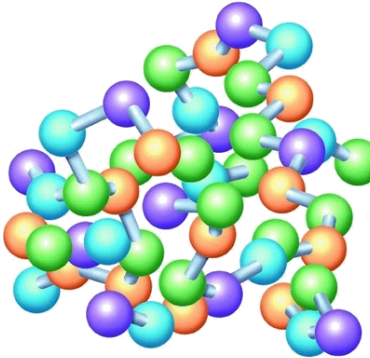
PROFESSIONAL DEVELOPMENT



Brookfield Zoo Teacher Professional Development

Ready for a change of pace? Take a teacher workshop at Brookfield Zoo! Our expert educators will inform, entertain, and engage you as you explore a wide range of topics. The following classes carry ISBE credit (CPDUs) and CPS Lane Credit at no additional charge. Many provide optional graduate credit for an additional fee.

<http://www.czs.org/CZS/Teacher-Classes>



Siemens STEM Academy

The Siemens STEM Academy is an interactive Web site that enables educators to exchange and download resources, get up-to-date STEM (Science, Technology, Engineering and Math) news and collaborate and network among peers. The Academy also offers STEM Connect webinars and professional development programs.

<http://www.siemensstemacademy.com/>

NPS Teacher-Ranger-Teacher Program

The Teacher-Ranger-Teacher (TRT) program provides opportunities for teachers to connect to the resources in a national park. The program focuses on teachers from schools with ethnically diverse student populations who have had little or no experience with national parks or limited opportunity to explore the relevance parks can have in their lives and the lives of their students. Teachers spend eight to 10 weeks working and living in the park. They perform various duties depending on their interests and the needs of the park. The park provides a ranger uniform, shared housing and a stipend (\$300/week). Teachers develop lesson plans based on their park experience for classroom use.

<http://www.nps.gov/acad/forteachers/teacher-ranger-teacher.htm>

Free NASA Professional Development Opportunities: Registration Now Open

Are you looking for a way to enhance your instructional skills, meet your professional development goals, or find new and exciting resources to use in your learning/teaching environments? Then NASA's Electronic Professional Development Network (ePDN) is for you! Registration is open now and all courses are absolutely free!

http://www.nasaepdn.gatech.edu/course_schedules.php

Educational Seminars: Exchanges for U.S. Teachers and Administrators

Educational Seminars are designed to provide U.S. and international partner administrators, teachers and students with opportunities to learn more about each other's countries, educational systems, teaching methodologies, culture and society, and to initiate collaborative projects with international partner schools and communities.

<http://www.americancouncils.org/program/4a/EDSQ/>



Project Management Scholarships for Teachers

The following training scholarships are for primary and secondary school teachers who are interested in learning the fundamentals of project management. The training will enable you to enhance the learning experience in your classroom, implement project-based learning, and help your students build 21st century skills.

Details:

<http://www.pmi.org/pmief/scholarship/scholarships-teachers.asp>

PROFESSIONAL DEVELOPMENT

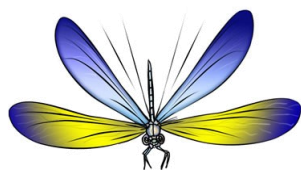


Plan Student Experiments Aboard the ISS

Washington, D.C. – The National Center for Earth and Space Science Education (NCESE), in partnership with NanoRacks LLC, has selected 12 communities across the U.S. to participate in the third Student Spaceflight Experiments Program (SSEP) flight opportunity – SSEP Mission 1 to the International Space Station (ISS) – reflecting involvement by 92 elementary, middle and high schools. The Center and NanoRacks are also proud to announce the fourth SSEP flight opportunity, Mission 2 to ISS. Launched in June 2010, SSEP immerses typically 300 students across a community in real scientific research of their own design, using a highly captivating spaceflight opportunity on ISS, America's newest National Laboratory. The community-focused program is open to schools and school districts serving grade 5 through 12 students, 2- and 4-year colleges and universities, informal science education organizations, and internationally through the Center's new Arthur C. Clarke Institute for Space Education.

Details: <http://ssep.ncesse.org/2011/11/announcing-communities-participating-in-ssep-mission-1-to-iss-and-new-flight-opportunity-mission-2-to-iss/>

Brookfield Zoo's Advance Inquiry Program



The Chicago Zoological Society at Brookfield Zoo and Project *Dragonfly* at Miami University of Ohio are partnering to bring an exciting new Master's degree program to the Chicagoland area. The program began in the summer of 2010. The Advanced Inquiry Program (AIP) is an inquiry-driven learning experience allowing participants to take classes in-person from faculty at Brookfield Zoo and online from Miami University faculty. The opportunity to earn seven credits from international travel is another exciting part of the program. And the best news of all – it's affordable!

Details: <http://www.czs.org/czs/AIP.aspx>

NIU STEMfest-SATURDAY, OCTOBER 20th, 2012



STEMfest is SATURDAY~OCTOBER 20th

STEMfest celebrates innovations in science, technology, engineering, and mathematics (STEM). NIU STEM departments, student groups, regional corporations, museums, educators, and national labs are joining forces to present hundreds of activities that range in complexity to entertain people of all ages. We hope to increase awareness of the critical role science and other STEM fields play in our world every day.

- Hands-on activities such as navigating a laser maze
 - Exhibitors such as NIU's Davis Hall Observatory
 - Demonstrations of technologies and intriguing science phenomena including our popular Creepy Chemistry and Haunted Physics Labs
- Fun for people of all ages!

Check it out: <http://stemfest.niu.edu/stemfest/>



PROFESSIONAL DEVELOPMENT

Project Management Scholarships for Teachers

The following training scholarships are for primary and secondary school teachers who are interested in learning the fundamentals of project management. The training will enable you to enhance the learning experience in your classroom, implement project-based learning, and help your students build 21st century skills.

Details: <http://www.pmi.org/pmief/scholarship/scholarships-teachers.asp>

Professional Development eInstruction Grant

Apply for a Professional Development grant of \$3,500 from eInstruction®.

By participating in this grant program your teachers will learn best practices to effectively integrate different types of technology and how to leverage your existing technology to optimize what you already have. It's your conference, we just work with you to make sure it meets all your needs.

Details: <http://www.einstruction.com/programs/edtech-conference/host-edtech-conference>



WEB BASED VIDEOS

Secret Life of Scientist and Engineers

Secret Life, PBS NOVA's Emmy-nominated web series, features videos of scientists. Teachers and students can watch videos and get to know dozens of scientists and engineers with surprising secret lives.

Details: <http://www.pbs.org/wgbh/nova/secretlife/>

ONLINE COLLABORATIVE OPPORTUNITIES



Project Bud Burst

Project BudBurst is open to people of all ages and abilities. To better understand the stories that plants tell, we need people from all over the United States representing diverse plant communities. Since 2007, participants have included school groups, backyard naturalists, gardeners, seniors in retirement communities, scout groups, college professors and their students, hikers, professional botanists and ecologists, visitors to botanic gardens, visitors to Wildlife Refuges and National Parks, and others interested in contributing to a better understanding of plants and climate change.

Details: <http://neoninc.org/budburst/aboutus.php>

SOUTHERN ILLINOIS SCHOOLS

Dickson Mounds Museum Workshops for Educators

Educators! Gather together and schedule a workshop at Dickson Mounds Museum in Lewistown, Illinois. Workshops may be a half- or full-day experience and include a behind-the-scenes look at the museum, facility tour and hands-on activities, including archaeological work, nature observation, hiking, canoeing and biological laboratory work. The Nature Conservancy, University of Illinois at Springfield Therkildsen Field Station at Emiquon, and the U.S. Fish & Wildlife Services have to offer youth and adults. Dickson Mounds Museum, a branch of the Illinois State Museum and a National Historic Site, is one of the major on-site archaeological museums in the United States. It provides a unique opportunity to explore the world of the American Indian in an awe-inspiring journey through 12,000 years of human experience in the Illinois River Valley. As an Illinois State Board of Education Professional Provider, Dickson Mounds Museum's workshops provide Continuing Professional Development Units. Workshops may be tailored upon request. Contact Curator of Education Christa Christensen by phone at 309-547-3721 or cchristensen@museum.state.il.us to schedule your workshop or for more information. Also, visit www.experiencedicksonmounds.com for current program and event listings.

Fermilab Opportunities



Scholarships for Teacher Workshops, Science Adventures and Transportation

Funding for professional development for teachers and enrichment for students such as doing science in the field is becoming increasingly difficult for schools. We also know that not all families have the opportunity to enroll students in science and math enrichment classes. Fermilab Friends for Science Education offers scholarships for teachers to attend summer workshops, assist with field trip transportation expenses and provide scholarships to families for student classes held at Fermilab.

Details: http://ed.fnal.gov/ffse/ed_ffse_scholarships.html

Phriendly Physics Program

Phriendly Physics is a physical science program including field trips to the Lederman Science Center for elementary students and a professional development program for teachers. Phriendly Physics includes a collection of classroom activities, teacher workshops and field trips. It helps K-5 teachers understand and feel comfortable with concepts of physical sciences through facilitated exploration of a series of simple, open-ended experiments, and through discussion and reflection with a master elementary school teacher and Fermilab scientists. Participants also receive equipment and supplies so they can continue to explore these concepts with their students. Topics and themes are aligned with Project 2061, the National Science Education Standards and the Illinois Learning Standards. The five-day workshop introduces participants to topics commonly taught in K-5 classrooms. After taking a workshop, teachers may schedule one or more of the four available Phriendly Physics field trips—electricity & magnetism, light, heat, and mechanics—at Fermilab.

Details: <http://ed.fnal.gov/programs/phriendly>

BRING THE PHYSICS PRESENTATIONS TO YOU!

Is your school within 90 minutes driving time of Fermilab? Why not invite a Fermilab scientist to your classroom! We put on exciting presentations on the following topics. To schedule a visit contact us no less than three weeks prior to your requested date. Send the name of presentation, a few dates, grade level and your contact information to edreg@fnal.gov or call 630-840-8259.

SCIENCE ADVENTURES

The Science Adventures informal classes for students in grades PreK-7 continue throughout the school year. See the home page link for Science Adventures to see a listing of current classes.

<http://ed.fnal.gov/sciadv>



FIELD TRIPS



Experience a field trip to the Notebaert Nature Museum in your own classroom!

Program topics focus on nature and ecology and are taught by Museum educators with hands-on, inquiry based science. We bring a piece of the Museum to your classroom and educate students on relevant, local and standards-based subject matter. Programs are 60 minutes long (flexible to your class period) and have a capacity for a maximum of 32 students per program. Topics serve as enrichment to current subject areas being taught.

Details: <http://www.naturemuseum.org/index.php?id=237>

Museum of Science and Industry: Heart Surgery 101 Learning Labs

Students will learn about careers in the Operating Room and handle real surgical tools during this facilitated session that features a pre-recorded version of our popular Live ... from the Heart program.

Details: <http://www.msichicago.org/education/field-trips/learning-labs/>

Adler Planetarium

Field Trips to the Adler are out of this world! Whether you would like your students to experience a more formal classroom experience, see a planetarium show, or explore the galleries, we have you covered.

Details: <http://www.adlerplanetarium.org/educate>

Fishing Education In-school Programs and Field Trips

Southwestern Illinois Counties: Bond, Calhoun, Clinton, Franklin, Jackson, Jefferson, Jersey, Macoupin, Madison, Monroe, Perry, Randolph, St. Clair, Washington, Williamson. In-school or field trip programs can be scheduled. The coordinator also has several sets of fishing equipment available for loan to organized groups such as churches, scouts and families. Educators in other southern Illinois counties are also welcome to contact the coordinator as there may be other fishing or environmental opportunities available to them. You can reach Mark Yehling by e-mail at mark.yehling@illinois.gov, by fax at 618-462-2424 or by phone at 618-462-1181 extension 155. There is no charge for these, hands-on fun-filled basic fishing education programs. Presentations easily fill a regular class period and can be modified for most class/school situations.

Details: mark.yehling@illinois.gov

Science Companion Virtual Field Trip

ScienceCompanion.com (an online K–6 science curriculum) pair photographs and text from scientifically significant places or events with sample lessons from the digital curriculum. Their latest trip pairs photos of migrating monarchs at California's Monterey Peninsula with a lesson on the life cycles of butterflies for grades 2–3. Previous virtual trips have highlighted places and topics such as the Gulf of Mexico (Oil Spill Cleanup) and a Costa Rican rainforest (Collecting and Examining Life).

Details: <http://www.sciencecompanion.com/samples/virtual-field-trips-from-science-companion/>

Bronx Zoo-Virtual Field Trip and Distance Learning

Take your students on a trip to the Zoo without setting foot outside your own classroom! Using two-way videoconferencing technology, the Bronx Zoo can bring engaging programs for K-12 students right into your own classroom—live! All Distance Learning Expeditions include several live animal "guests"—lemurs, lizards, owls and more. Programs are approximately 50 minutes and include extensive teacher support materials. These time-tested, teacher-endorsed programs are aligned with the National Science Education Standards and have received rave reviews from students and teachers alike.

Details: <http://www.wcs.org/teachers/distance-learning.aspx>

USDA Forest Preserve Wetlands FREE Electronic Field Trips

-- October 10, 2012; Wading into Wetlands

-- March 8, 2013; Wetland Connections

-- May 9, 2013; Discover Wetlands

Details: Contact Kristy Liercke at lierckkx@pwcs.edu or by calling (800) 609-2680

Online Journals and Magazines for K-12 Teachers



Online Journal for K-12 Teachers

The University of Florida will inaugurate a new online journal for K-12 science teachers in fall 2011, called *Teaching Science*. The journal will be an open, peer-reviewed, free online journal for K-12 teachers devoted to what works in the classroom. All teachers are encouraged to submit an article.

Details: <http://www.cpet.ufl.edu/TeachingScience/>

Online Free Elementary Magazine: Weather and Water

This online magazine for K–5 teachers focuses on climate science and how to teach it effectively. The magazine illustrates connections between science and literacy. The current issue, themed “The Sun and Earth’s Climate,” provides lessons that show teachers how the reading comprehension strategy of making predictions supports the development of science process skills. In addition, the publication offers professional learning resources to help teachers increase their understanding of essential climate science principles.

Details: <http://beyondweather.ehe.osu.edu/#issues>

PopSci Online Magazine

We’ve partnered with Google to offer our entire 137-year archive for free browsing. Each issue appears just as it did at its original time of publication, complete with period advertisements. And today we’re excited to announce you can browse the full archive right here on PopSci.com.

Details: <http://www.popsci.com/announcements/article/2010-03/new-browse-137-years-popsci-archive-free>

National Science Foundation’s 360 News

NSF’s Science360 News Service presents breaking science news from around the world. The website compiles news from scientists, college and university press offices, popular and peer-reviewed journals, various NSF science and engineering centers, and other funding sources. It also features a science picture of the day, video and radio broadcasts of the day, and a section highlighting “what the blogs are saying today.” Teachers of all levels can find something to share with students here.

Details: <http://news.science360.gov/files/>



Investi-gator Magazine

This journal from the U.S. Forest Service and the Cradle of Forestry Interpretive Association teaches students in grades 3–5 about current Forest Service research as well as scientific processes. Each issue presents articles formatted as scientific papers, along with information about the scientists involved in the research, a glossary, and a related “FACTivity” for the classroom. Topics explored in the premier issue include the factors affecting leaf color change and the effects of rising ozone levels on tree growth.

Details: <http://www.scienceinvestigator.org/>



We are on the Web!

<https://www3.imsa.edu/programs/fusion>