

Science and Technology (STEM) Grants

Award for Excellence in K-8 Earth Science Teaching

This award recognizes one full-time K-8 teacher for leadership and innovation in Earth science education. The winner receives a \$2,500 prize and a grant of up to \$1,000.00 to enable the recipient to attend the National Science Teachers Association (NSTA) Annual Conference.

Deadline: January

<http://www.agiweb.org/education/awards/ed-roy/>

Best Buy Community Grants

Through the Community Grants Program, Best Buy teams across the United States select non-profit organizations that give teens access to opportunities through technology. This year, Best Buy Children's Foundation will give \$2 million in Community Grants to organizations that have current 501(c)(3) tax status and are serving a diverse population of teens and providing teens with access to opportunity through technology. Community Grants are designed to support local efforts and are reviewed for consideration by Best Buy teams across the United States. The average grant amount is \$5000 and will not exceed \$10,000. Community Grant applications are accepted once a year in the Summer and grants are issued in the Fall. Applications for the 2014 program will open June 2, 2014 and close June 27, 2014.

Deadline: June

<http://www.bby.com/community-grants/>

Ecybermission Competition

Ecybermission is a web-based science, technology, engineering, and math competition for students in grades 6-9. Students compete for regional and national awards while working to solve problems in their community.

Deadline: for Team registration is December

<https://www.ecybermission.com/About>

Lockheed Martin Corporation Grants

Lockheed Martin Corporation provides funding to STEM education outreach activities for students across the entire K-16 spectrum. We are committed to supporting programs, events and campaigns that focus on student achievement, teacher development, and gender and ethnic diversity. Public elementary/secondary schools are eligible to apply. Align with Lockheed Martin's strategic focus area of delivering standards-based science, technology, engineering and math (STEM) education to students in K-16. Must be located or operate in a community in which Lockheed Martin has employees or business interests.

Deadline: Rolling

<http://www.lockheedmartin.com/us/who-we-are/community/philanthropy.html>

Lowe's Toolbox for Education®

Founded in 1957, the Lowe's Charitable and Educational Foundation (LCEF) has a long and proud history of contributing to grassroots community projects. LCEF awards millions annually to diverse organizations across the United States. The Foundation provides funding only to 501(c)(3) tax-exempt nonprofit organizations and public agencies in communities where Lowe's operates stores and distribution centers. Toolbox for Education projects should fall into one of the following categories: technology upgrades, tools for STEM programs, facility renovations and safety improvements. Grant requests can range from \$2,000 to \$100,000. A large majority of grants will be given in the \$2,000 to \$5,000 range. Most larger projects fall between \$10,000 and \$25,000. Critical need projects over \$25,000

will be considered on a case-by-case basis.

Deadline: Rolling; February and October

<http://responsibility.lowes.com/apply-for-a-grant/>

National Engineers Week Future City Competition

In this national, project-based competition, students in grades 6-8 design and build cities of the future using computer software, research and write solutions to an engineering problem and present their ideas before judges. Educators should register student teams by October 31 to enter the competition.

Deadline: October

<http://futurecity.org/>

National Science Foundation Advancing Informal STEM Learning Grants

The Advancing Informal STEM Learning (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants.

The AISL program supports five types of projects: (1) Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, and (5) Conferences, Symposia, and Workshops.

Deadline for Full Proposal: November

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504793

Science Initiative for Middle Schools (SIMS) Grants

Science experiments can foster students' curiosity and instill a love of learning, but they can also be costly to execute and can easily exhaust consumable materials for classroom projects. ARCF's SIMS program provides \$500 awards to middle school science teachers to purchase consumable science materials. SIMS is made possible by an endowed gift to the Community Foundation from the Winthrop Rockefeller Foundation.

Deadline: September

<http://www.arcf.org/Grants/GrantProcessGuidelines/ScienceInitiativeforMiddleSchools/tabid/240/Default.aspx>

Spirit of Innovation Challenge

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, Cybertechnology and Security, and Health and Nutrition. Winning teams in each category receive \$10,000 in seed grant money toward the commercialization of their product.

Deadline: November

<http://conradchallenge.squarespace.com/registration/>

Teacher Vision Grants

American Electric Power (AEP) is giving \$100-500 grants to preK-12 teachers who live or teach in an AEP service area or in communities with major AEP facilities. Priority will be given to educators who have attended AEP Workshops for Educators, have participated in the National Energy Education Development (NEED) Project, and/or are affiliated with an AEP school-business partnership. Any project that has an academic focus and a goal to improve student achievement will be considered. AEP has a special interest in science, mathematics, technology, electrical safety, the balanced study of energy and the environment, and energy efficiency.

Deadline: February

<http://www.aep.com/community/TeachersAndStudents/TeacherVisionGrants.aspx>

Technology Awards

Sponsored by Vernier Technology and the NSTA, the Vernier Technology Awards will recognize and reward the innovative use of data collection technology using a computer, graphing calculator, or other handheld in the science classroom. A total of 7 awards will be presented: 1 at the elementary level, 2 at the middle level, 3 at the high school level, and 1 award at the college level. K-college teachers are welcome to apply. Each award will consist of \$1,000 in cash for the teacher, \$3,000 in Vernier Products, and up to \$1,500 toward expenses to attend the annual NSTA National Convention.

Deadline: November

<http://www.vernier.com/grants/nsta>

Thacher Environmental Research Contest

The Thacher Environmental Research Contest is a national competition for secondary school students founded by IGES in honor of former IGES board member Peter Thacher. Prizes will be awarded to secondary school students (grades 9-12) designing and conducting the best projects examining the changing conditions of a protected area using satellite remote

<https://www.strategies.org/education/student-contests/thacher-contest/>

Toshiba America Foundation K-5th Science and Math Grants

The mission of Toshiba America Foundation is to promote quality science and mathematics education in U.S. schools. \$1,000 Grants are made for programs and activities that improve teaching and learning in science and mathematics, grades K-5. The Foundation focuses its grant making on inquiry-based projects designed by individual teachers, and small teams of teachers, for use in their own classrooms.

Deadline: October

<http://www.toshiba.com/taf/k5.jsp>

Toshiba America Foundation 6-12th Science and Math Grants

Founded in 1990, with support from Toshiba Corporation and the Toshiba America Group Companies, Toshiba America Foundation (TAF) is dedicated to helping classroom teachers make mathematics and science learning fun and successful for students in U.S. Schools. Toshiba America Foundation (TAF) grants fund the projects ideas and materials teachers need to innovate in their math and science classrooms. TAF is interested in funding projects designed by teachers or small teams of teachers for use in their own schools. Toshiba America Foundation grants support public and nonprofit private schools throughout the United States.

Applications for Grades 6 thru 12 for grants less than \$5,000 are accepted at anytime. For grant requests of more than \$5,000 deadlines are February 1 and August 1 (or first business day of February and August).

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

Toshiba America Foundation

Toshiba America Foundation 6-12th Science and Math Grants were founded in 1990, with support from Toshiba Corporation and the Toshiba America Group Companies. Toshiba America Foundation (TAF) is dedicated to helping classroom teachers make mathematics and science learning fun and successful for students in U.S. Schools. Toshiba America Foundation (TAF) grants fund the projects ideas and materials teachers need to innovate in their math and science classrooms. TAF is interested in funding projects designed by teachers or small teams of teachers for use in their own schools. Toshiba America Foundation grants support public and nonprofit private schools throughout the United

States. 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.

Deadline: Under \$5,000 – Rolling; Over \$5,000 – February 1st and August 1st

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

Youth and Scientific Education Grants

The American Honda Foundation makes grants to nonprofits, programs, and organizations that directly benefit youth education, specifically in the areas of STEM (science, technology, engineering, and math), the environment, job training, and literacy. Among those eligible are K-12 educational institutions, non-profit organizations, gifted student programs, media concerning youth education, youth education projects, programs pertaining to academic or curriculum development that emphasize innovative educational methods and techniques, and more. Grant range is from \$20,000 to \$75,000

Deadline: Rolling (Feb 1, May 1, Aug 1, & Nov 1)

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

*** Last revised December, 2015**