STEM Related Grant/Proposal Resources

Resources for Proposal Writing

There are a number of resources to help in proposal development and writing as well as finding funding resources. Here a few you may want to start with:

- **Short Course in Proposal Writing**
  *The Foundation Center*
  Free online course that breaks down components of a proposal including statement of need, project description, the budget and the executive summary.

- **A Guide to Proposal Writing**
  *National Science Foundation*
  Guide development by the National Science Foundation to provide guidance to proposers. Provides guidelines for getting started and writing proposals.

- **Scholastic's Grant Writing Seminar**
  *Scholastic*
  Free online seminar course for educators that includes information on developing a needs statement, the budget, project description and sample proposals.
  [http://teacher.scholastic.com/professional/grants/scholgrantseminar.htm](http://teacher.scholastic.com/professional/grants/scholgrantseminar.htm)

- **Grant Writing Guide**
  *Vernier*
  Guide for educators interested in grant writing. Includes formulating an idea, finding funding sources, writing the proposal, and following up with the grant. [http://www.vernier.com/grants/index.html](http://www.vernier.com/grants/index.html)

- **“The Fundamentals of Funding: How to Identify, Write, and Submit Grants for School and Program Initiatives”**
  *Edutopia*

STEM Related Grant Examples

Funding sources can be found online through a number of websites. The following is only a sampling of STEM related grant opportunities you may want to start researching:

- **American Institute and Astronautics Classroom Grants**
  As an AIAA Educator Associate, you can apply to earn up to $200 for your science and math programs.
  [http://www.aiaa.org/content.cfm?pageid=216](http://www.aiaa.org/content.cfm?pageid=216)

- **Beckman Coulter Foundation**
  The Foundation serves as the philanthropic arm of Beckman Coulter, by funding programs which are focused around science, science education and healthcare-related research that improves patient health and the quality of life.

- **Broadcom Foundation**
  Broadcom Foundation accepts online applications from qualifying entities in communities where Broadcom has a significant presence and where Broadcom employees live and work. Broadcom Foundation funds on the following: (1) STEM Education, (2) Health, and (3) Human Services.
  [http://www.broadcomfoundation.org/apply/](http://www.broadcomfoundation.org/apply/)
• **Intel Corporation Schools of Distinction Grant**
   Every year, Intel honors U.S. schools demonstrating excellence in math and science education through innovative teaching and learning environments. To be considered as an Intel School of Distinction, schools must develop an environment and curricula that meet or exceed benchmarks put forth by national mathematics and science content standards.
   [http://www.intel.com/about/corporateresponsibility/education/soda/index.htm](http://www.intel.com/about/corporateresponsibility/education/soda/index.htm)

• **International Technology and Engineering Educators Association**
   The grant is for a technology and engineering teacher at any grade level (K-12). Its purpose is to recognize and encourage the integration of a quality technology and engineering education program within the school curriculum.
   [http://www.iteea.org/Awards/granthearerlihy.htm](http://www.iteea.org/Awards/granthearerlihy.htm)

• **Lockheed Martin**
   Lockheed Martin dedicates 50% of its support to STEM education programs and activities.
   [http://www.lockheedmartin.com/aboutus/community/philanthropy/funding.html](http://www.lockheedmartin.com/aboutus/community/philanthropy/funding.html)

• **National Girls Collaborative Project Mini-Grants**
   Mini-grants are awarded to girl-serving science, technology, engineering, and mathematics (STEM) focused programs to support collaboration, address gaps and overlaps in service, and share promising practices.
   [http://www.ngcproject.org/mini-grant/index.cfm](http://www.ngcproject.org/mini-grant/index.cfm)

• **National Council of Teachers of Mathematics**
   Provides list of grants and awards provided by the Mathematics Education Trust.

• **National Science Teachers Association**
   Provides list of science education and teaching awards and recognitions given by the National Science Teachers Association
   [http://www.nsta.org/about/awards.aspx](http://www.nsta.org/about/awards.aspx)

• **Northrup Gruman**
   Grant guidelines and application for grants.

• **Toshiba America Foundation**
   Toshiba America Foundation offers grants up to $1,000 to K-5 teachers and contributes to science & math education by investing in teacher designed projects for 6-12 students.

• **Toyota TAPESTRY Grant Program**
   Toyota TAPESTRY recognizes outstanding educators who are making a difference by demonstrating excellence and creativity in science teaching.

• **VernierTechnology Grant**
   The Vernier/NSTA Technology Awards promote the innovative use of data-collection technology using a computer, graphing calculator, or other handheld in the science classroom.
   [http://www.vernier.com/30years/index2.html](http://www.vernier.com/30years/index2.html)