STEM RESOURCES FOR TEACHERS

These resources are just a bunch of great websites that can be used to explain just about anything you’re doing in the classroom with a video or a cool image of an experiment. Some of these resources are blogs, which, as a teacher, you should be following to find cool stuff to share with your students.

Free Money & Materials

**San Diego Foundation** – $1,000 Grant - This program will support the development and implementation of multi-disciplinary, classroom projects that address student needs and increase teaching effectiveness. [http://www.sdfoundation.org/CivicLeadership/Programs/SanDiegoTeachersFund/ApplyforaGrant.aspx](http://www.sdfoundation.org/CivicLeadership/Programs/SanDiegoTeachersFund/ApplyforaGrant.aspx)


**National Girls Collaborative Project** - $1,000 Grant - 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)

**Donors Choose** is an online charity that makes it easy for anyone to help students in need. Here’s how it works: public school teachers from every corner of America post classroom project requests on DonorsChoose.org. Requests range from pencils for a poetry writing unit, to violins for a school recital, to microscope slides for a biology class. [DonorsChoose.org](http://www.donorschoose.org)
**Funding for Skype in the Classroom**
Through a new partnership with DonorsChoose.org, Skype will donate $250,000 to teachers requesting technology materials to enable Skype video calling in their classrooms. Skype will give a $25 USD DonorsChoose.org Gift Card to each new teacher who registers for Skype in the classroom. The teacher can then apply the value of the gift card to any classroom project at DonorsChoose.org or one they create themselves, if an eligible U.S. public school teacher [http://education.skype.com/](http://education.skype.com/)

**Digital Wish Grants** - [http://www.digitalwish.com/dw/digitalwish/grant_awards](http://www.digitalwish.com/dw/digitalwish/grant_awards)
Submit a technology-based lesson plan for a chance to win over 50 different technology grants.

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**Science**
[http://www.nobelprize.org/educational/](http://www.nobelprize.org/educational/) You don't have to be a genius to understand the work of the Nobel Laureates. These games and simulations, based on Nobel Prize-awarded achievements, will teach and inspire you while you're having FUN!

[www.nclark.net](http://www.nclark.net). This site provides biology and chemistry resources for science teachers at the middle and high school levels. These include activities, worksheets, lab exercises, puzzles, games, online test reviews, and links to other useful pages, compiled by teacher Nancy Clark over her 37-year career.

[http://www.pltw.org/educators-administrators/educators-administrators-overview](http://www.pltw.org/educators-administrators/educators-administrators-overview) Project Lead the Way (PLTW) is a resource for education curricular programs used in middle and high schools.


Howard Hughes - This is a neat interactive website for searching a topic, a grade level, or a keyword and get cool science materials.

This is just a list of neat science links

Williams Words- Great diagrams and printable resources

Technology

Online video contests relating to science, art, technology...etc. Most have cash prizes that can be used for your classroom!

Life Hacker is a technology blog that focuses on taking stuff apart, and how to do various things on your computer, e.g. computer

Gizmodo is a very interesting technology blog. It’s one of the only (excluding this one and a few others) that I go to on a regular basis.

This is a website about current technology in the news.

This is another blog that focuses on technology in the news

Engineering

Pick your state and see current engineering projects happening right now!
Tell your kids some fun facts about engineering. Maybe tell them one of these each day to keep them motivated and bring out their inner engineer!

This is a neat website that focuses on all of the cool engineering things that were created in the 20th century.

**Mathematics**

AAA Math features a comprehensive set of interactive arithmetic lessons.

ASM aims to support educators teaching math