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**Great Science Resources**

STEM

**Exploratorium:**

The Exploratorium is a museum of science, art, and human perception located in San Francisco, California. They have over 50,000 pages of content; film screenings; workshops for lifelong learners including day camps for kids and family investigations. They also create professional development programs for educators, and are at the forefront of changing the way science is taught. They share our exhibits and expertise with museums worldwide.

<http://www.exploratorium.edu/visit>

**Kinetic City**

Science games for students in **grades 3-5**. One activity asks students to replace the body systems of a character who sounds like Arnold Schwarzenegger. The website requires free registration.

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

**eGFI: Dream Up the Future**

Promotes engineering education with **K-5, 6-8, 9-12** lesson plans, activities, outreach programs, and links to web resources. Teachers and students can download the first three issues of eGFI magazine.

<http://www.egfi-k12.org/>

**National STEM Video Game Challenge**

[**http://www.stemchallenge.org/**](http://www.stemchallenge.org/)

**Middle school** (5-8), **high school students** (9-12), **and educators** are invited to design games that incorporate STEM content or STEM themes in innovative and engaging ways. Home schoolers are eligible to enter as well. Sign up to be notified about the 2013 competition.

**Master Tools**

<http://www.shodor.org/master/>

Eight interactive math and science tools and simulations for students in **grades 6-12**. All simulations and curriculum materials meet the new National Science Education Standards and National Math Education Standards.

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**Engineer Your Life**

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

This guide introduces girls in **grades 9-12** to young women engineers and highlights careers. A section for parent and counselors furnishes background in engineering to better advise students. The site has a link to a companion site for girls in **grades 5-8**.

**Dow Chemical**

<http://www.dow.com/company/citizenship/stem.htm>

Through our partnerships with leading organizations, including the National Science Teachers’ Association and Chemical Education Foundation, the involvement of our employees as volunteers, and sponsorship of countless programs, we have supported science, technology, engineering and mathematics (STEM) education for more than 100 years.

**RESEARCH SITE**

**Sparticl**

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

Sparticl is a new web and mobile service for teens, a collection of the very best the web has to offer in science, technology, engineering, and math or STEM. Sparticl includes answers to science questions, images, videos, games, and hands-on activities, all curated by a team of experts. But it's also a place where teens play a critical part – ranking content, sharing it, and recommending new content, all the while earning points and badges. Sparticl is created by the award-winning National Productions division of Twin Cities Public Television, and is made possible with the generous support of 3M.

**Science is for GIRLS!**

**Scigirls Connect**

<http://scigirlsconnect.org/>

![C:\Users\traxlerm\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\Y2EGI5R1\logo[1].jpg]()The SciGirls brand has grown into a far-reaching transmedia enterprise, serving girls, families and educators in both English and Spanish. Evidence-based practices in STEM education for girls, SciGirls’ videos, online resources, hands-on activities and professional development work together to address a singular but powerful goal: to inspire, enable, and maximize STEM learning and participation for all girls, encouraging greater interest in STEM careers.