

# Helpful Website Resources

- AAAS ScienceNetLinks: <http://sciencenetlinks.com/>
  - K-12 science education resources including teaching tools, interactives, podcasts, and hands-on activities
  - Afterschool resources offer informal, often hands-on, science activities. Each one includes a facilitator page, as well as online and printable pages for kids.
- <http://www.abcya.com>
  - Free educational computer games and activities for elementary students K-5.
  - Grade level lessons incorporate areas such as math and language arts while introducing basic computer skills.
- Afterschool Training Plan (Y4Y website): <http://www.y4y.ed.gov/tools/content-after-school-training-plan/>
  - Afterschool training plan for staff
- Arts Edge (The Kennedy Center): <http://artsedge.kennedy-center.org/educators.aspx>
  - Lessons, activities & projects for teaching in, through the arts
  - How-to's and guide's
- Boston Children's Museum: Kids Afterschool: [www.beyondthechalkboard.com](http://www.beyondthechalkboard.com)
  - The activities on this site cover a wide range of subjects including science, literacy, culture, art, health, math, and engineering in ways that support what's learned during the school day.
- Bugscope: <http://bugscope.beckman.uiuc.edu/>
  - Provides free interactive access to a scanning electron microscope (SEM) so that students anywhere in the world can explore the microscopic world of insects.
- EconEdLink: <http://www.econedlink.org/>
  - online economic & personal finance lessons & resources for educators, students and afterschool providers
- EDSitement!: <http://edsitement.neh.gov/lesson-plans>
  - Helpful for humanities lesson plans – history, literature, culture, arts, etc.
  - Free lesson plans – engaging and fun
  - Specific “after school” project link also: <http://edsitement.neh.gov/after-school>
- Edutopia: <http://www.edutopia.org/stw-social-emotional-learning-after-school-resources-downloads>
  - Social Emotional tips, tricks, and some small activities
- Khan Academy: [www.khanacademy.org](http://www.khanacademy.org)
  - Learn for free about math, art, computer programming, economics, physics, chemistry, biology, medicine, finance, history, and more.
- Mixing in Math: <http://mixinginmath.terc.edu/materials/actlist.cfm>
  - Offers over 200 English and Spanish resources that blend math with fitness, nature, cooking, and daily routines like cleaning up. MiM resources include games, projects, movement activities, and museum-type displays.
- Missouri Connections (College & Career Ready): [www.missouriconnections.com](http://www.missouriconnections.com)
  - Comprehensive, online, career development & planning program
- Missouri Department of Conservation: <http://mdc.mo.gov/>
  - Discover Nature Schools Instructional units, teacher guides
  - Teacher Workshops
  - Information for MO National Archery in Schools Program (MoNASP)
  - Field Guide: Packed with biological details, images, videos, audio clips, and fun facts, our online field guide helps you identify many of Missouri's plants, animals, and mushrooms.
- Missouri Department of Health: <http://health.mo.gov/living/families/oralhealth/oralhealtheducation.php>
  - K-12 Oral Health Education

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- National Geographic: <http://www.nationalgeographic.com/xpeditions/lessons/matrix.html>
  - Tied to national **geography** standards
- National Park Service: <http://www.nps.gov/learn/>
  - Curriculum, fun and games, a guide to park Junior Ranger programs and a host of other fun and educational media created.
  - **Nature, Science, History & Culture**
- NCTM Illuminations: Resources for Teaching **Math**: <http://illuminations.nctm.org/>
  - Library of math activities & lessons
  - Learn math standards
  - Links to additional resources
- PBS Kids: <http://pbskids.org/>
  - Parent and Educator online workshop to build your own confidence pertaining to teaching and working with students with **engineering** concepts.
  - **Engineering** resources from NASA and the Design Squad (also sponsors of above online workshop)
  - Educational games, videos
- ReadWriteThink (NCTE): <http://www.readwritethink.org/parent-afterschool-resources/>
  - Good **reading** and **writing** activities & lesson plans
  - Will provide additional lessons and resources to help build off of an activity if you find one particularly helpful or your students really get interested! Great resource!
- SEDL: <http://www.sedl.org/afterschool/lessonplans/index.cgi>
  - Various topics
- SEDL Afterschool Training Toolkit (Y4Y website): <http://www.y4y.ed.gov/toolkits/afterschool/>
- Smithsonian's History Explorer: <http://historyexplorer.si.edu/home/>
  - Hundreds of free, innovative online resources for teaching and learning **American history**
  - Designed for use by K-12 teachers and students, afterschool program providers, families, and individuals interested in lifelong learning
- STEMfinity: [www.stemfinity.com](http://www.stemfinity.com)
  - One-stop shop for **STEM** hands-on educational toolkits from multiple companies (For purchase)
- STEM Training Plan (Y4Y website): <http://www.y4y.ed.gov/tools/create-a-training-plan-for-staff/>
  - **STEM** training plan for staff
- Thinkfinity: <http://thinkfinity.org/afterschool>
  - Online professional learning community with access to many of the websites listed below.
  - Online tools/resources for educators
- You for Youth (Y4Y): <http://y4y.ed.gov>
  - Customized for 21<sup>st</sup> CCLC Afterschool Programs
  - Online professional development & staff trainings, customizable tools, webinars
  - Focus on STEM, Aligning with the School Day, Family Involvement, Strengthening Partnerships, Project-Based Learning and Civic Engagement
- Wonderopolis: <http://wonderopolis.org/>
  - Neat site that may be good for random "I wonder why..." and help you think outside the box
  - **Topics broad** from **science** to **math** to **history** and **math**
  - Inexpensive little activities digging into everyday questions students (and adults!) may wonder
  - Have to dig a little to find resources if you want to expand on something