Information and links for enrichment opportunities and resources

- **National Paper Airplane contest** http://teacher.scholastic.com/paperairplane/
  - Resources about paper airplane contests, designs, resources and more

- **The Great Paper Airplane Toss at Lambeau Field** http://www.facebook.com/pages/The-Great-Paper-Airplane-Toss-at-Lambeau/266440782629
  - Annual paper airplane contest held in the Lambeau Field Atrium. Consult the link for more details and such as dates and times.

- **National Science Olympiad http://soinc.org/**
  - Information and resources about the National Science Olympiad competition.

- **National Science Bowl** http://science.energy.gov/wdts/nsb/
  - National Science Bowl is a nationwide academic competition that tests students' knowledge in all areas of science. High school and middle school students are quizzed in a fast paced question-and-answer format similar to Jeopardy. Competing teams from diverse backgrounds are comprised of four students, one alternate, and a teacher who serves as an advisor and coach.

- **National Geography Bee http://www.nationalgeographic.com/geobee/**
  - The contest is designed to encourage teachers to include geography in their classrooms, spark student interest in the subject, and increase public awareness about geography. Schools with students in grades four through eight are eligible for this entertaining and challenging test of geographic knowledge.

- **National Spelling Bee http://www.spellingbee.com/**
  - Our purpose is to help students improve their spelling, increase their vocabularies, learn concepts, and develop correct English usage that will help them all their lives.
  - The local spelling bee sponsors conduct community spelling bee programs, usually in cooperation with school officials for public, private, parochial, charter, virtual and home schools. The champion of each local spelling bee sponsor's program qualifies for participation in the Scripps National Spelling Bee near Washington, D.C.

- **Wisconsin Association of School Boards Art Contest**
  http://www.wasb.org/websites/meetings_events/index.php?p=338
  - The Wisconsin Association of School Boards, in cooperation with the Wisconsin Art Education Association, announces the annual Wisconsin Art Exhibits and Awards. This experience is open to all Wisconsin public school students enrolled in grades 7-12.

- **Art Points**, a resource for juried art shows throughout the US http://www.artpoints.net/calendar.html
    - A resource list and calendar of art competitions and juried exhibitions listed by state
- **Wisconsin Regional Art Associations**, resource for competitions and exhibitions http://www.wraawrap.com/Tiny%20Treasures.htm
    - A list of competitions and exhibitions including the "Tiny Treasures" competition

- **USA Computing Olympiad** http://www.usaco.org/
    - The USACO supports computing education in the USA and worldwide by identifying, motivating, and training high-school computing students at all levels. We provide:
    - Hundreds of hours of free on-line training resources that students can use to improve their programming and computational problem-solving skills.
    - On-line programming contests (roughly six per year) for students at all levels.
    - An intensive summer training camp, to which the top students in the USA are invited to further improve their skills and learn advanced material.
    - The opportunity for the top four students in the USA to represent their country at the International Olympiad in Informatics (IOI), the most prestigious international algorithmic programming competition at the high-school level.

- **Gifted in Wisconsin** http://giftedinwisconsin.com/
    - A great resource for enrichment opportunities for students in Wisconsin

- **FREE, MIT Online classes** including assessment of learning and certificate of completion from MIT http://web.mit.edu/newsoffice/2011/mitx-education-initiative-1219.html
    - Massachusetts Institute of Technology offers free online classes to all people interest. There are many classes to choose from. A certificate of completion from MIT is issued upon successful completion of a class.

- **Art of Problem Solving** http://www.artofproblemsolving.com/
    - A resource site that focuses on mathematics and problem solving skills

- **Ed Heads** online resources for Math and Science. http://www.edheads.org/
    - An educational resource site with materials on many subjects

- **Hoagies Gifted** online resources webpage http://www.hoagiesgifted.org/hoagies_kids.htm
    - A resource site for enrichment activities and information

- **Khan Academy** resources for enrichment on multiple subjects http://www.khanacademy.org/
    - Offers online lessons in a large variety of subjects

- **Educational Program for Gifted Youth** offered by Stanford University http://epgy.stanford.edu/school/openenroll/index
    - Stafford University offers free online classes in science and math

- **USA Mathematical Talent Search** http://www.usamts.org/
    - The USA Mathematical Talent Search (USAMTS) is a free mathematics competition open to all United States middle and high school students.
    - As opposed to most mathematics competitions, the USAMTS allows students a full month , or more, to work out their solutions. Carefully written justifications are required for each problem. The problems range in difficulty from being within the reach of most high school students to challenging the best students in the nation. Students may use any materials - books, calculators, computers - but all the work must be their own. The USAMTS is run on the honor system - it is an individual competition, whose competitive role is very secondary. (Although we do give prizes.)

- **Institute for Mathematics and Science** offer online classes http://www.eimacs.com/
    - Online mathematics and computer science courses

- **Hippo Campus** offers online lessons in Math and Science http://www.hippocampus.org/?uak=ipw
    - Online lessons, presentations, worked samples and test prep in the areas of math and science

- **MENSA for Kids** online resource http://www.mensaforkids.org/
    - A site with enrichment activities for students

- **Google Science Fair** http://www.google.com/events/sciencefair/
    - The Google Science Fair is an online science competition seeking curious minds from the four corners of the globe. Anybody and everybody between 13 and 18 can enter. All you need is an idea. Geniuses are not always A-grade students. We welcome all mavericks, square-pegs and everybody who likes to ask questions.

- **Y Science Laboratories** http://chemlab.byu.edu/
    - Science Laboratories is a set of realistic and sophisticated simulations covering chemistry, biology, physics, and planetary motion. In these laboratories, students are put into a virtual environment where they are free to make the choices and decisions that they would confront in an actual laboratory and experience the resulting consequences. These products were created at Brigham Young University and include the individual products Virtual ChemLab, Virtual Physical Science, Virtual Physics, Virtual Earth Science, and Virtual Biology.

- **Engineer Girl** essay contest http://www.engineergirl.org/CMS/Contest.aspx
    - Every year, the EngineerGirl website sponsors a contest dealing with engineering and its impact on our world. Usually the announcement is posted in the fall with judging and winners announced in the spring
- **Digital Media and Learning Competition** http://www.dmlcompetition.net/index.php
    - Created in 2007, the Digital Media and Learning Competition is designed to find and inspire the most innovative uses of new media in support of connected learning. Connected learning happens in and out of school, in physical places and in online spaces, and is:
    - motivating because it is connected to people's interests and passions; and
    - social in nature because it involves interacting, providing feedback, and sharing with others; and
    - typically occurs during tangible, hands-on, creative activities that are open and discovery-based; and
    - often involves connections among learners, adult mentors, and more advanced peers as teachers.
    - Projects supported by the Competition explore how digital technologies are changing the way people learn and participate in daily life, through interaction with each other in connected, participatory ways, often involving the production and not just the consumption of knowledge, ideas, designs, and artifacts.

- **Intel Science Talent Search** http://www.intel.com/about/corporateresponsibility/education/sts/index.htm?redirector_count=1&
    - Each year, approximately 1,800 seniors attending American high schools conduct original research projects and present their work in the country's oldest, most prestigious pre-college science competition: the Intel Science Talent Search, a program of Society of Science & the Public. Forty of these young innovators are chosen as finalists and invited to participate in a nearly week-long event in Washington, D.C., where they compete for over USD 1.25 million in awards and scholarships

- **Siemens Westinghouse competition** http://www.siemens-foundation.org/en/competition.htm
    - The Siemens Competition in Math, Science & Technology recognizes remarkable talent early on, fostering individual growth for high school students who are willing to challenge themselves through science research. Through this competition, students have an opportunity to achieve national recognition for science research projects that they complete in high school

- **American Junior Academy of Science** http://www.amjas.org/
    - AJAS is a program of the National Association of the Academics of Science (NAAS). AJAS sponsors an annual convention for research oriented students throughout the United

States. The AJAS mission is to introduce, encourage and accelerate precollege students into the world of science, engineering and technology by enabling and integrating their participation into the social, cultural and scientific activities of the annual meeting of the American Association for the Advancement of Science

- **USA Biology Olympiad** http://www.cee.org/usa-biology-olympiad-usabo
    - The premiere biology competition for high school students in the United States, the USA Biology Olympiad (USABO) enriches the life sciences education of nearly 10,000 talented students annually. It provides the motivation, curricular resources, and skills training to take them beyond their classroom experience to the level of international competitiveness.
    - After two rounds of challenging exams, twenty Finalists are invited to a residential training program where they learn advanced biological concepts and exacting lab skills at Purdue University. Ultimately, four students earn the right to represent the USA at the International Biology Olympiad (IBO), a worldwide competition involving student teams from roughly sixty countries.

- **US FIRST** offer mentorship and other resources http://www.usfirst.org/
    - Resources about engineering and other applied sciences

- **Online student art museum**, has competitions http://www.artsonia.com/
    - An online resource for art competitions and exhibitions

- **Open Culture** offers online resources and free online courses http://www.openculture.com/
    - Online courses and lessons as well as other resources

- **Young American Poet Digest** http://www.youngpoets.org/
    - The purpose of the National Schools Project is to encourage student writing and provide an audience for student poetry. We want kids excited about writing. We provide a free book to every participating school library and do not require that a book be purchased in order for a child to see his/her poem in print.
    - Each January, schools across the nation are invited to participate in the project. The poems submitted by schools are reviewed by teachers/educators who select the poems based on the following criteria:
    - Overall quality of the poem based on student's age and grade level based
    - Creativity
    - Age-appropriate language
    - Sensory/figurative images
    - Structure
    - Poetic techniques