Websites, Apps, and More

The Best of the Web

Apps, Internet Sites, and Resources for Education, Training, and Professional Development

CIMC
Oklahoma Department of Career and Technology Education
www.okcimc.com
What is the CIMC?
We are the Curriculum and Instructional Materials Center, a division of the Oklahoma Department of Career and Technology Education. The CIMC has existed since 1967 to produce competency-based instructional materials for career and technical (formerly vocational) education. We are a state education agency which also produces, prints, and distributes curriculum materials across Oklahoma and throughout the United States. The CIMC is located in Stillwater, Oklahoma.

Who uses CIMC products?
High school programs, area technology centers, junior and community colleges, proprietary schools, and government agencies are users of CIMC products. Business and industry customers are also learning of the training and cost advantages of using CIMC instructional systems. Several industry groups and trade associations have participated in the development of our products and services.

How can you contact CIMC?
You can reach us online, by phone, or by fax:

- www.okcimc.com
- 800.654.4502
- 405.743.5154 (fax)

Did you know that you can download a copy of this publication from our website? We provide a free PDF version of Websites, Apps, and More that has hotlinks to the websites available. Just go to http://www.okcareertech.org/educators/cimc/resources and select the “Downloads” navigation link. Then, select the Websites, Apps, and More option from the list of downloads.
Best of the Web

Internet Sites and Resources
For Education, Training,
and Professional Development

Compiled by:

The staff of the Curriculum and Instructional Materials Center (CIMC),
Oklahoma Department of Career and Technology Education
www.okcimc.com

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Curriculum and Instructional Materials Center

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Website addresses were accurate and all content on referenced websites was appropriate during development and production of this product. However, websites often change; the CIMC takes no responsibility for a site’s content. The inclusion of a website does not constitute an endorsement of that site’s other pages, products, or owners. You are encouraged to verify all websites prior to use.

Design by Melinda Hawk
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CareerTech Student Organizations (CTSOs)

HOSA — National
www.hosa.org
Website of the international student organization recognized by the U.S. Department of Education and the Health Science Education (HSE) Division of ACTE.

FCCLA
http://fcclainc.org/
Website of the national CTSO (Career and Technical Student Organization) that provides personal growth, leadership development, and career preparation opportunities for students in Family and Consumer Sciences education.

DECA
http://www.deca.org/
DECA prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality and management in high schools and colleges around the globe.

BPA
http://bpa.org/
Website of the leading CTSO (Career and Technical Student Organization) for students pursuing careers in business management, office administration, information technology and other related career fields.

FFA
https://wwwffa.org/home
FFA is an intercurricular student organization for those interested in agriculture and leadership.

SkillsUSA
http://www.skillsusa.org/
SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.

TSA
http://www.tsaweb.org/
The mission of TSA is leadership and opportunities in technology, innovation, design and engineering. Members apply STEM (science, technology, engineering and mathematics) concepts through co-curricular programs.
Teaching, Advising, and Career Information

Career Pathways Catalog of Toolkits
https://cptoolkitcatalog.peerta.acf.hhs.gov/
An online directory of free resources for planning a career pathways initiative; allows filtering of toolkits by publisher, target population, intended audience, primary career pathway element addressed, and industry.

Tidbits for Teachers
http://www.okcareertech.org/educators/cimc/resources/downloads-1
A free booklet to download offering facts and features to enhance instruction, add interest to presentations, create educational quizzes, and more.

Brainy Quote
http://www.brainyquote.com/
Quotes for all occasions by topics and by authors.

Alberta Learning Information Services (ALIS)
http://alis.alberta.ca/index.html
Career planning and education resources from the government of Alberta, Canada; publications, many of which include free PDF editions, include:

- Easy Reading: Keep Your Job
- Advanced Techniques for Work Search
- Assessing You: The First Step in Career Planning
- A Guide for Midlife Career Moves
- Change and Transitions—The Path from A to B
- Creating a New Future: The Job-Loss Workbook
- Job Smart: Tips for Staying Employed
- Let’s Talk: A Guide to Resolving Workplace Conflicts
- My Choices, My Work, My Life
- Positive Works II
- Work Search Basics
- Workability: What You Need to Get & Keep a Job

Mozilla Open Badges
http://openbadges.org/
Free software and an open technical standard any organization can use to create, issue, and verify digital badges.

Mindset Kit
https://www.mindsetkit.org/about
The Mindset Kit was created by The Project for Education Research that Scales (PERTS), a research center in the psychology department at Stanford University.
Pennsylvania Career and Technical Education—Surviving & Thriving in a Non-traditional Skilled Trade
http://www.careertechpa.org/Portals/0/docs/StateResources/Surviving%20and%20Thriving.pdf
A free guide that discusses what to expect, support, starting off on the right foot, health and safety tips, and more.

Career Focus: After Military Service
http://www.okcareertech.org/educators/cimc/resources/downloads-1
This free guide walks veterans through five steps in making the transition from military service to a civilian career: self-assessment, exploring career interests and options, filling a skills gap, finding and applying for a job, and managing the career transition.

Keys to Employability Posters
http://www.okcareertech.org/educators/cimc/resources/downloads-1
Free posters to download.

Comparative Analysis of National Apprenticeship Systems
A World Bank report (2013) that compares approaches to apprenticeship programs in 11 countries, including the United States.

CTE Online
https://www.cteonline.org/
CTE Online provides professional development tools and information for CTE teachers.

Career Planning How-To Guides
These guides from McGill University can help you with the job search process, with guides on how to find jobs, how to contact employers, and how to interview.

New Teacher Center—Mentors
http://www.newteachercenter.org/mentors
Mentor resources from New Teacher Center, a “national non-profit dedicated to improving student learning by accelerating the effectiveness of new teachers and school leaders”.

Teaching Channel
https://www.teachingchannel.org/teaching-channels-mission
Teaching Channel is “a thriving online community where teachers can watch, share, and learn diverse techniques to help every student grow.” This non-profit organization’s website has hundreds of videos to browse by subject, grade and topic.
Edutopia
http://www.edutopia.org/
“What works in education,” from the George Lucas Educational Foundation; includes, discussions, videos, blogs and other types of resource on a wide range of topics.

Free Graphing Calculator (iOS) by William Jockusch
The app includes many features and does things many paid versions will do; includes a reference directory and categories for trigonometry, calculus, and many more features.

Larry Ferlazzo’s Websites of the Day
http://larryferlazzo.edublogs.org/
As the name implies, daily lists of websites with useful content for educators.

How to Be (or Find) a Mentor
http://www.weareteachers.com/blogs/post/2015/04/03/how-to-be-(or-find)-a-truly-great-teaching-mentor
Tips and stories for mentors and new teachers.

The National Foundation for the Improvement of Education
Creating a Mentoring Program

Learn How to Become
http://www.learnhowtobecome.org/
Find your career, Find your future.

Online Learning Consortium
http://onlinelearningconsortium.org/
OLC is a non-profit organization that provides professional development, best practices, and information to educators.

SmartBuilder
http://www.smartbuilder.com/product/smartbuilder
SmartBuilder is an authoring tool that offers a way to create interactivity templates, object libraries and more for no cost with their community edition.

Edudemic
http://edudemic.com/
Edudemic is an educational technology website that has a goal to connect educators, students, administrators, almost everyone with great technology.

Knowmia
http://www.knowmia.com/
Technology for teaching made simple is available at Knowmia.
Essay Mama
http://www.essaymama.com/write-my-essay/
While this site is often used by students who would rather not write their own essays and papers, there are some good applications for teachers — such as if you aren’t a great writer and need content for you eLearning lessons or if you want an expert to edit your content. There is also a free essay writing guide and a glossary of terms for students.

Education Dive
http://www.educationdive.com/
Education Dive provides information tailored to education professionals in small summaries that can be read in 60 seconds or less.

Classroom 2.0
http://www.classroom20.com/
According to the website, they are “the social network for those interested in Web 2.0, Social Media, and Participative Technologies in the classroom.” You can sign up for discussions and events in this community-supported network of educators.

We Are Teachers
http://www.weareteachers.com/
This site includes resource directories, information on grants and contests, an ideas section, lesson plans, app reviews, and more.

CNN’s Schools of Thought Blog
http://schoolsofthought.blogs.cnn.com/
According to the website, “CNN’s Schools of Thought blog is a place for parents, educators and students to learn about and discuss what’s happening in education.”

Common Sense Media’s Professional Development Resources
http://www.commonsensemedia.org/educators/professional-development
This site provides information and training on teaching students about digital citizenship, cyberbullying, online safety, and more.

Digital Media Literacy
http://mediasmarts.ca/digital-media-literacy
This website has lots of information on youth and the Internet and it even has educational games that help youth with digital literacy.

TimeToast
http://www.timetoast.com/
Do you have your students create timelines for class? Did you know there is a website available for students to create and share them online? Timetoast can be used for classwork or for fun!
Resources for Educational Excellence  
http://free.ed.gov/  
Free teaching and learning resources are found on this site.

TED  
http://www.ted.com/  
TED began as a conference in 1984 and has become much more. It includes TED Talks – there are more than 1400 of them online now, along with information on their conferences, live online conversations, and much more.

Youth in Transition — Soft Skills to Pay the Bills  
http://www.dol.gov/odep/topics/youth/softskills/  
This Department of Labor site provides curriculum for teaching soft or workplace readiness skills.

Workplace Literacy  
http://www.intercultures.ca/cil-cai/countryinsights-apercuspays-eng.asp  
On this website, you can learn about workplace culture in various countries around the world.

BYU Diversity Activities  
http://education.byu.edu/diversity/activities.html  
This site provides links and activities for diversity awareness.

Leading a Multigenerational Workforce  
http://assets.aarp.org/www.aarp.org_/cs/misc/leading_a_multigenerational_workforce.pdf  
This is a free guide from AARP that includes an overview of the generational differences and management challenges.

The Forum Guide to Data Ethics  
The National Forum on Education Statistics produced this free guide; it includes information on how data ethics can impact education.

iPad apps for students with Special Needs  
http://elearningindustry.com/free-special-needs-ipad-apps-part-1  
This site provides a list of iPad apps for students with Special Needs; you will need to scroll down the page to see the list then click on the link of the app in which you are interested.

Digital Skills Teachers Need  
This site outlines the 33 digital skills every 21st century teacher needs to be successful.
Six Word Memoirs
http://www.smithmag.net/sixwords/
A life story in six words.

Ampergram
http://ampergram.com/
Typographic compositions from Instagram photos can be created here.

Google Art Project
http://www.googleartproject.com/
Explore by selecting an art collection, an artist or an artwork.

Ribbett
http://www.ribbet.com/?d=ribbett.com
Online photo editing made fun and easy on this site.

Screencastomatic
http://screencast-o-matic.com/
This site provides one-click screen capture.

Career One-Stop
www.careeronestop.org
Career information for specific industries, in-demand occupations, profiles the tools and technologies that workers use, and online career video segments.

Bureau of Labor Statistics
http://stats.bls.gov
At-a-glance tables, research, demographics, industry and occupation information, career information for kids, and more.

O-Net OnLine
www.onetonline.org/
A database that allows students and educators to read about hundreds of careers.

OKJobMatch.com
https://okjobmatch.com/
According to the site, they are “a revolution in Oklahoma’s job matching technology;” they match the right people with the right jobs, serving both job seekers and employers.

Your Personal Brand
http://www.pwc.com/us/en/careers/campus/programs-events/personal-brand.html#overview
Learn how to create your own personal brand so you stand out from the crowd
Creativity

Denver Art Museum
http://creativity.denverartmuseum.org/for-teachers/resources/creativity/
Creativity resource for teachers. Includes lesson plans, images, workshops, and field trip information

The DaVinci Institute
http://davinciok.org/
Oklahoma’s Creativity Think Tank—promoting a statewide creative renaissance through lectures, professional development, research and advocacy.

Creative Oklahoma
http://stateofcreativity.com/
Initiatives divided into categories Awards, Education, Events, Network.

Torrance Center for Creativity and Talent Development
http://www.coe.uga.edu/torrance/creativity-resources/
The Torrance Center for Creativity and Talent Development is a service, research, and instructional center concerned with the identification and development of creative potential and with gifted and future studies.

Creativity at Work
http://www.creativityatwork.com/featured-creativity-innovation-articles/
Creativity at Work helps organizations develop creativity, innovation and collaborative leadership skills. Services include consulting, training, and coaching with an emphasis on arts-based learning and design thinking for innovation.

The Creativity Post
http://www.creativitypost.com/about-us
The Creativity Post is a non-profit web platform committed to sharing the very best content on creativity, in all of its forms.
Digital Tools/E-Learning

Tremendous Technology Tools for Teaching
http://simplycurious.wikispaces.com/techtools

Piktochart
http://piktochart.com/
Create easy infographics, reports, and presentations.

VoiceThread
https://voicethread.com/
An interactive collaboration and sharing tool that enables users to add images, documents, and videos, and to which other users can add voice, text, audio file, or video comments.

Glogster
https://www.glogster.com
Create online multimedia posters. Combine all kinds of media on one page and create fantastic posters that really tell the story.

Thinglink
https://www.thinglink.com/
An interactive media platform that empowers students and educators to create more engaging content by adding rich media links to photos and videos.

Text 2 Mind Map
https://www.text2mindmap.com/
Mind map generator.

Wordle
http://www.wordle.net/
Generates “word clouds” from text that you provide.

53 Tips on Using the Cloud for eLearning
http://www.elearningguild.com/surveys/?sid=198
The cloud has tremendous potential in the eLearning world, but there are so many choices. This complimentary eBook features 11 top eLearning professionals offering tips on areas including planning, cost, content, the user experience, support and security.

834 Tips for Successful Online Instruction
http://www.elearningguild.com/content.cfm?selection=doc.541
This free digital book is a collection of tips from 336 professionals. Nowhere will you find a more comprehensive set of tips to improve your knowledge and skills in online instruction. This eBook is sponsored by WebEx Communications, Inc.
e-Learning Survival Guide
http://zenzebra.net/elearner-survival-guide.pdf
Everything you need to succeed in the world of mobile learning, e-learning, hybrid college, K-12, and career courses.

TED Talks for eLearning
http://elearningindustry.com/10-ted-talks-perfect-for-the-elearning-industry
10 Ted Talks for the eLearning professional.

eLearning Industry
http://elearningindustry.com
Search for the following:

- eLearning Content copyright
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- 34 Free Flash CS6 Video Tutorials
- 105 Free Moodle Video Tutorials
- 21 Free iSpring Presenter Video Tutorials
- 31 Free eFront Video Tutorials
- 35 Free Articulate Storyline Video Tutorials
- 18 Videos on implementing Twitter in your classroom
- Free Microsoft Teaching Tools
- 12 YouTube Videos Every Online Educator Should View
- 32 Free Photo and Image Editing Tools
- Social Learning Tools Every Online Educator Should Know
- 34 Websites to Download Royalty Free and Creative Commons Music for Free
- 15 Free Podcast Tools
- 14 Best Online Bibliography and Citation Tools
- 21 Free Digital Storytelling Tools For Teachers and Students
- List of 13 Free Sticky Notes Tools for Teachers and Students
- 28 Free Social Bookmarking Tools for educators
- 15 Free Web Conferencing Tools
- List of 15 Free Google Tools for eLearning Professionals
- List of 17 Free Screen Capturing Tools
- 19 Free Text To Speech tools for Educators
- 15 Free Testing and Quizzing Tools for Online Education
Agriculture, Food, & Natural Resources

Adventures in Renewable Energy Technology
www.re-energy.ca
Renewable energy project plans to build working models, free to download, on topics including solar electricity, solar heat, wind energy, water power, biomass energy, and other clean energy technologies.

Agriculture in the Classroom
www.agclassroom.org
Classroom resources, lesson plans, state agriculture profiles, and more from the USDA.

American Livestock Breeds Conservancy
http://albc-usa.org/
An organization dedicated to preserving endangered breeds of livestock and poultry.

AVMA
www.avma.org
Journal articles and news from the American Veterinary Medical Association.

Breeds of Livestock
www.ansi.okstate.edu/breeds/
Descriptions and color photos of breeds of cattle, horses, goats, sheep, swine, poultry, and other species.

Dairy Max
www.dairymax.org
Promotes the lifelong health benefits of dairy products, with information for health professionals, educators, and consumers.

Detecting Plant Diseases in the Lab
https://catalog.extension.oregonstate.edu/em9120
A free 3-minute video from Oregon State University Extension; describes how the Hermiston Agricultural Research and Extension Center examines plant disease samples to determine pathogens and plant diseases.

DietaryGuidelines.gov
www.cnpp.usda.gov/dietaryguidelines.htm
Resources related to the USDA's Dietary Guidelines for Americans, including current and previous guidelines.

Dig It! The Secrets of Soil
http://forces.si.edu/soils/
Interactives, videos, and educational materials from the National Museum of Natural History.
Eat Smart. Play Hard.
www.ag.ndsu.edu/eatsmart/magazine_2012.htm
A free, full-color magazine from North Dakota State University Extension Service; other excellent, full-color publications are available from NDSU Extension.

Energy Statistics and Analysis
www.eia.doe.gov
Energy statistics from the Energy Information Administration.

EarthEasy
http://eartheasy.com
Articles, blogs, resources, and products for living a sustainable lifestyle.

Energy Kids
www.eia.doe.gov/kids/
An engaging, kid-friendly site that describes almost every aspect of energy and energy sources, gives a history of energy, and offers challenging puzzles and quizzes.

Farm Safety for Just Kids
http://www.farmsafetyforjustkids.org/educational-resources/
A variety of resources and programs to help teach farm safety.

Farm Tech Trek—GPS
www.campsilos.org/mod4/students/farmtrek.shtml
Information for students about GPS for farmers and other farming-related activities.

FightBAC.org
www.fightbac.org
Website of the Partnership for Food Safety Education, featuring information about food safety and safe food handling.

FoodSafety.gov
www.foodsafety.gov
Gateway to government food safety information, including safety alerts, consumer advice, national food safety programs, and more.

Food and Drug Administration—Food Information
www.fda.gov/Food/
Recent news, national food safety programs, special interest areas, and other information from the U.S. Food and Drug Administration.

Forestry Images
www.forestryimages.org
More than 137,000 images relating to forest health, natural resources, and silviculture.
Green Living Tips
www.greenlivingtips.com
Hundreds of articles and tips on ways to help reduce your environmental impact.

Got Milk?
www.whymilk.com
Videos, recipes, research studies, and other information for all ages about the health benefits of milk.

Growing A Nation: The Story of American Agriculture
www.agclassroom.org/gan/
A history of American agriculture by decade or by topic category.

Growing the Next Generation
www.growingthenextgeneration.com
Soil and plant nutrient teacher materials, student activities, games, videos, and career information.

Idaho National Laboratory’s Energy for Educators
www.energyforeducators.org
Free renewable energy curriculum resources.

International Food Information Council
www.foodinsight.org
Includes educational booklets and brochures for educators, students, and consumers.

Invasive Species: Outreach and Education K-12
http://www.weedcenter.org/education/k-12.html
Activities and lessons at the website of the Center for Invasive Species Management.

Key Ingredients: America By Food
www.keyingredients.org
The online educational companion to the Smithsonian Institution’s traveling exhibition, featuring “500 years of American food,” “the American cookbook project,” and “eating across America.”

KidWind Project
www.kidwind.org
Teachers, engineers, and scientists “committed to innovative energy education,” featuring free lessons and resources to download on a variety of wind energy topics.
Lincoln Electric
www.lincolnelectric.com/en-us/
Information and resources on welding including education support materials and supplemental curriculum.

Made in Oklahoma
www.madeinoklahoma.net
A great way to locate products made in the State of Oklahoma.

Miller Welds
https://www.millerwelds.com/resources
Includes educational materials such as a video library and project gallery for the agricultural mechanics class.

National Agricultural Library
www.nal.usda.gov
Information and resources from the USDA on a variety of subjects, including animals and livestock, food and nutrition, laws and regulations, plants and crops, natural resources, and the environment.

National Register of Big Trees
www.americanforests.org/resources/bigtrees/
Nominations for the largest of 826 species of trees in America, with color photos.

National Swine Registry
www.nationalswine.com
Information about swine breeds, shows and events, youth development activities, and teacher resources.

Nature Conservancy—Oklahoma
www.nature.org/wherewework/northamerica/states/oklahoma/about/con_main.html
Conservation activities for students, funding opportunities for educators, and ways for parents to encourage their children to connect with nature.

Nebraska Corn Board: Corn Curriculum
www.nebraskacorn.org
Click on “Education & Youth” to access the National Corn Growers Association’s corn curriculum, which includes lesson plans across curriculum areas.

NIOSH Safety and Health: Agriculture
www.cdc.gov/niosh/topics/agriculture/
Agriculture safety and health publications and links from the National Institute for Occupational Safety and Health, including information on ergonomics, grain handling, machinery, young workers, and other safety and health topics.
Noble Foundation Plant Image Gallery
http://www.noble.org/apps/plantimagegallery/
Designed to assist botanists, ecologists, natural resource managers, educators and hobbyists with the identification of plants commonly found in the southern Great Plains.

NRCS The Twelve Orders of Soil Taxonomy Posters
http://soils.usda.gov/technical/soil_orders/
Free color posters, in PDF format, including one combined poster and 12 individual posters (one for each Order).

Science in Your Shopping Cart
www.ars.usda.gov/is/np/shopcart/shopcartintro.html
How agricultural research contributes to the abundance, variety, convenience, and healthfulness of the contents of your shopping cart.

Smithsonian National Zoological Park
http://nationalzoo.si.edu/
Information about a variety of animals, including farm animals, such as distribution, habitat, lifespan, conservation status, and more.

Soil Biology Movies
www.agron.iastate.edu/~loynachan/mov/
A series of 18 movies on life in the soil, to view online or to download.

Sunkist Lesson Plans
www.sunkist.com/kids/pandt/
Lesson plans and activities for kids, parents, and teachers to promote healthy eating.

The Accidental Scientist: Science of Cooking
www.exploratorium.edu/cooking/
Explore recipes, activities, and webcasts that will enhance your understanding of the science behind food and cooking.

University of Georgia’s Center for Invasive Species and Ecosystem Health
www.bugwood.org
This website features great images of forest pests, trees, plants, stand types, silviculture practices, urban forestry, wildlife, and more!

U.S. Climate Data
http://www.usclimatedata.com/
Climate data by state and city.
USDA-NRCS Plants Database
http://plants.usda.gov
Information about U.S. vascular plants, mosses, liverworts, hornworts, and lichens; includes hundreds of free, downloadable fact sheets and plant guides.

USDA Living Science
www.agriculture.purdue.edu/USDA/careers/
Descriptions about 50 careers related to food, agriculture, and natural resources, with a color poster for each to download.

USDA-ARS Ideas for Science Fair Projects
www.ars.usda.gov/is/kids/AgSciProjects/ideas.htm
Science fair project ideas, plus an explanation of the parts of a science project: research question, hypothesis, procedure, results, and conclusion.

USDA Office of Communications, Radio Features Archive
http://audioarchives.oc.usda.gov/radnewsfeat.asp
Free podcasts on a variety of topics related to agriculture.

University of Vermont, Food and Nutrition: Eating What We Grow
www.uvm.edu/extension/food/?page=grow.html
Profiles and recipes for fruits and vegetables A-Z, including a brief history of each.

Utah Education Network
www.uen.org
K-12 lesson plans for a wide variety of subjects and grade levels.

USDA Complete Guide to Home Canning
www.uga.edu/nchfp/publications/publications_usda.html
Seven PDF instruction guides that describe the processes of selecting, preparing, and canning fruit, vegetables, meat, and jams and jellies, from the National Center for Home Food Preservation.

U.S. Forest Service
http://www.fs.fed.us/learn/educators
Learning resources for educators, including Natural Inquirer, a middle school science education journal The Nature Conservancy.

Who’s Coming to Dinner?
https://catalog.extension.oregonstate.edu/em9046
This 15-minute video examines the eating habits of cows, sheep, horses, and goats, and explores how forage selection, pugging, trampling, and fencing contribute to a pasture’s health and sustainability.
Wilderness Education Curriculum
http://carhart.wilderness.net
A K-12 wilderness education curriculum from the Arthur Carhart National Wilderness Training Center, free to download.

Yahoo! Agriculture Directory
http://dir.yahoo.com/Science/agriculture/
Hundreds of links by categories are found on this site.

You Are What You Eat
Free student guide and leader’s guide from the Kansas State Research and Extension Bookstore, providing lessons that focus on how good nutrition affects all systems in the body: cardiovascular, respiratory, digestive, and musculoskeletal. Includes learning checks with each chapter.
Architecture & Construction

Design in Wisconsin Housing: A Guide to Styles
Free to download from the University of Wisconsin—Extension, this guide describes features of various architectural styles and illustrates each style with drawings.

Home Envelope
https://www.ag.ndsu.edu/publications/landing-pages/home-farm/home-envelope-ae-1616
This guide helps you figure out the steps to take to reduce energy use in the home and serves as an introduction to home energy use.

Basic Color Theory
http://www.colormatters.com/color-and-design/basic-color-theory
An introduction to color theory.

Cement & Concrete Basics
http://www.cement.org/cement-concrete-basics
How concrete is made, concrete components, production and construction, and more from the Portland Cement Association.

Healthy Housing Reference Manual
http://www.cdc.gov/nceh/publications/books/housing/housing.htm
A complete, 14-chapter guide to healthy housing, free to download; chapter titles include:
- Housing History and Purpose
- Basic Principles of Healthy Housing
- Disease Vectors and Pests
- Environmental Barriers
- Energy Efficiency

Architecture Week
www.architectureweek.com/today.html
The leading magazine of design and building online. It provides weekly news and features about architecture and construction, digital media, products and building culture. It includes free 3D models of classic architect-designed houses in the classic homes collection.

Regreen
www.regreenprogram.org
Best practice guidelines and resources from the American Society of Interior Designers’ Foundation and the U.S. Green Building Council, including the Regreen Guidelines booklet free to download.
The Green Home Guide
www.greenhomeguide.com
Information and resources for green building and remodeling from the U.S. Green Building Council.

Building Big
www.pbs.org/wgbh/buildingbig/educator/index.html
Activities to increase students’ awareness of the built environment and the impact of technology on society while teaching basic physical science concepts.

ConcreteNetwork.com
www.concretenetwork.com/
Design ideas and tools, design videos, weekly features, and more.

Paint & Decorating Retailers Association
www.pdra.org/
Association website that includes decorating advice.

NIOSH Safety and Health: Construction
www.cdc.gov/niosh/topics/construction/
Construction safety and health publications and links from the National Institute for Occupational Safety and Health, including publications on asphalt, confined spaces, drywall, electrocution, ergonomics, excavations, falls, silicosis, and other safety and health topics.

3D Spatial Models of Great Buildings
www.greatbuildings.com/types/models/spatial_models.html
Presents hundreds of 3D models of various buildings from around the world. They range from simple models to detailed ones with interior and exterior furnishings and landscaping.
**Arts, A/V Technology & Communications**

**Graphic Arts Education and Research Foundation**
http://www.gaerf.org/
The website of the Foundation, which includes information about PrintED, a national accreditation program, including the PrintED Manual to download.

**Ribbett**
www.ribbett.com
Free online photo editing made fun and easy - requires no download, installation, or sign-up!

**PicMonkey**
www.picmonkey.com
This online photo editor allows you to do many things including touching up photos and creating collages.

**Aviary**
http://aviary.com
Image editing and screen capturing tools.

**Color Wheel Tutorial**
www.worqx.com/color/color_wheel.htm
Illustrations and explanations of color wheel relationships.

**CrocoDoc**
http://crocodoc.com/
Collaboratively highlight and comment on PDFs, Word documents and images.

**Wisconsin Online Resource Center**
www.wisc-online.com
Free registration provides access to thousands of learning objects.

**Musicovery**
http://musicovery.com
Experience many different styles of music from all over the world.

**Glogster EDU**
www.glogster.com
Use text, images, music, video, and hyperlinks to create an interactive poster.

**Big Huge Labs**
http://bighugelabs.com
Create posters, cards, puzzles, and more for classroom projects, notes, letters, or programs.
Audacity
http://audacity.sourceforge.net
A free, open-source, audio editing and recording program for use on Windows, Macs, and Linux operating systems, complete with tutorials.

FudgeGraphics
www.fudgegraphics.com
This site offers freebies, tutorials, and inspiration for design lovers.

Picture Correct
www.picturecorrect.com
Photography and photo manipulation tutorials and guides.

ZooBurst
www.zooburst.com
A digital storytelling tool to create your own 3D pop-up books.

Pixton
http://pixton.com
A web-based comic strip generation tool that allows you to create your own digital cartoons.

Digital Scrapbook
http://schoollibrary2point0.wikispaces.com/Digital+Scrapbooking
Encourage students to create their own free digital scrapbooks for a class project or other uses. Includes many, many resources.

Lulu
www.lulu.com
Self-publish your own e-book or calendar.

Stitch Diva Studios
www.stitchdiva.com
Step-by-step knitting instructions, free patterns, and sources for yarns and tools.

Gimp (General Image Manipulation Program)
www.gimp.org
Free photo retouching and graphic manipulation software.

Voki
www.voki.com
Create a speaking avatar within minutes; also includes tips for educators for making learning activities more engaging.
Be a Movie Director Game
http://americanhistory.si.edu/onthemove/games/game3/
Select a vehicle for a new movie, and then watch the movie you created, from the Na-
tional Museum of American History.

Biography.com
www.biography.com
Biographies of famous people, both contemporary and historical.

Media Smarts
http://mediasmarts.ca/
Clearinghouse of ideas and resources for educators, including teaching units, handouts, reports, and background material for media and digital literacy.

The Learning Network—New York Times
http://learning.blogs.nytimes.com
Articles and activities designed to help students understand the story behind today’s news events.

LIFE Magazine’s Timeline
www.life.com/timeline
Tell a story of an event by creating a timeline using photos from the LIFE Magazine image archives.

MediaCollege.com
www.mediacollege.com
Free resources for film and digital media production.

Grammar Girl
http://grammar.quickanddirtytips.com
Quick tips that can help anyone improve his or her writing.

Editing with Movie Maker
www.windowsmoviemakers.net/Tutorials/HowToEditVideo.aspx
An easy to use tutorial that walks you step-by-step through the video editing process using Windows Movie Maker.

PaperRater
www.paperrater.com
A free online proofreading, grammar checker, and a plagiarism detection tool.

Animoto
http://animoto.com
A tool that makes web-based videos from still photos or videos.
ToonDoo
www.toondoo.com
Allows you to create your own cool comic strips with just a few drag and drops with your mouse.

Kerpoof!
http://kerpoof.com
Make a movie, tell a story, create a drawing, or browse lesson plans and teacher tools.

Photoscape
http://www.photoscape.org
An easy-to-use program that enables you to enhance photos.

Blender
www.blender.org
A free open-source 3D/Animation program; the site includes several tutorials and information about joining the developers’ community.

Wordle
www.wordle.net
Create word clouds based on term papers, poems, historical documents, and speeches.

Fotobabble
http://fotobabble.com
Add an audio caption to your favorite photo.

SoundzAbound
www.soundzabound.com
A relatively low cost, online source for royalty-free music and sound effects for schools.
Business, Management & Administration

Everyday Economics
http://www.dallasfed.org/educate/everyday/index.cfm
A series of free guides from the Federal Reserve Bank of Dallas, explaining entrepreneurs, globalization, international trade, and money. Website also includes interactive whiteboard lessons.

From the National Managers’ Community of Canada, this resource presents tools and practices often used by managers, including tools for shared vision and values, personal mastery, systems thinking, mental models, team learning, the art of conversation, and more.

Essential Business Culture Guides
http://www.executiveplanet.com/
Tips on business etiquette, customs, and protocol, organized by country.

Strategic Planning Toolkit
www.ovcttac.gov/views/resources/dspStrategicPlan.cfm
The Strategic Planning Toolkit is designed to function as a guide throughout the strategic planning process. The Toolkit offers guidelines you can follow and tools and resources for you to draw on at every step. It is organized to help you both learn about the planning process and use the process. The six sections of the Toolkit correspond to a six-step strategic planning process.

Compendium of Knowledge Solutions
www.adb.org/publications/compendium-knowledge-solutions
This compendium from the Asian Development Bank profiles dozens of tools to build competencies in strategy development, management techniques, collaboration, knowledge sharing and learning, and knowledge capture and storage.

Fifty Ways to Lead
http://www.okcareertech.org/educators/cimc/resources/downloads-1/fifty-ways-to-lead-poster
A free poster to download from the Curriculum and Instructional Materials Center.

Business Training Works
http://www.businesstrainingworks.com/training-resources/free-articles-and-handouts
This site has free articles and online training materials for subjects ranging from business etiquette and communication to customer service, sales and management.
Videojug
www.videojug.com
More than 60,000 how-to videos—search on “etiquette” to find videos on business, party, dining and general etiquette.

World Factbook
Detailed country profiles, updated annually, from the Central Intelligence Agency; also available as an app.

Better Business Bureau
http://us.bbb.org
Check out a business or charity, or file a complaint.

FTC Bureau of Consumer Protection
www.ftc.gov/bcp/
Consumer protection information from the Federal Trade Commission.

A Legal Guide to the Internet
www.deed.state.mn.us/publications/
A publication available for download from the Minnesota Department of Employment and Economic Development that discusses ecommerce, copyright, and other topics.
Education & Training

The Best Education Infographics
http://elearninginfographics.com/
Infographics on a range of topics, including e-learning, gamification, and social learning.

Brightwave Thinking
Articles, blogs, and expert guides from Brightwave Group, “the leading global agency for next generation learning solutions, products and services”.

KQED Education Digital Tools
http://www.pbslearningmedia.org/collection/digital-tools/
In these short video tutorials from KQED, learn the basics for how to use free online tools for teaching and learning.

Atomic Learning Higher Education Blog
http://blog.atomiclearning.com/highed/
Blog provided by Atomic Learning, “an online professional learning company focused on the common challenges Higher Education faces today”.

Adult Basic Education Resources
http://www.okcareertech.org/educators/cimc/adult-basic-education-resources
Resources—some free and others for purchase—from the Curriculum and Instructional Materials Center.

SABES Curriculum Resources
http://www.sabes.org/resource-type/curriculum
The System for Adult Basic Education Support (SABES) is the ABE professional development system of the Massachusetts Department of Elementary and Secondary Education, Adult and Community Learning Services unit.

Corporation for a Skilled Workforce
http://skilledwork.org/
Authors of the report, Making a Market for Competency-Based Credentials, aimed at “articulating a foundation for our collective work by analyzing the credentialing landscape, identifying promising credentialing approaches, and assessing what is needed to create a clear and compelling credentials marketplace.”

NIOSH Talking Safety Curriculum
http://www.cdc.gov/niosh/talkingsafety/
A foundation curriculum in occupational safety and health customized for each state; includes the PDF curriculum, PowerPoint presentation, and companion video.
OSHA Videos
OSHA videos to play or download, organized alphabetically.

WorkSafeBC Videos
Worker safety videos from the Workers’ Compensation Board of British Columbia.

Assistive Technology: Resource Roundup
http://www.edutopia.org/article/assistive-technology-resources
Websites, blogs, articles, and videos that provide information and tools related to understanding, selecting, and assessing assistive technology.

Competency-Based Education Recipe Cards
http://www.okcareertech.org/educators/cimc/resources/downloads-1
Keys to competency-based education in the form of recipe cards, free to download from the Oklahoma Department of Career and Technology Education.

Mathematics Assessment Project
http://map.mathshell.org/pd.php
Five prototype professional development modules that are activity-based and built around a collection of example classroom activities.

Assessing Creativity: A Guide for Educators
http://nrcgt.uconn.edu/online_resources/
This 2002 monograph from The National Research Center on the Gifted and Talented deals with recognizing or assessing creativity; chapters include an introduction; definitions and characteristics; reviewing, evaluating, selecting, and using instruments; a design and plan for systematic assessment; and linking assessment and instruction.

CareerTech Testing Center
http://www.okcareertech.org/about/state-agency/divisions/testing
Oklahoma’s premier source for competency assessments, skill standards, and online testing.

CareerTech Testing Center Blog
www.careermetechtesting.blogspot.com
Information on a variety of topics—some original, some inspired by the world around us, and some generated by others—that have application to testing and to career and technology education.

ThinkQuest—Library
www.thinkquest.org/en/
Learning resources for students of all ages on a wide range of subjects.
Khan Academy  
**www.khanacademy.org**  
Thousands of videos, exercises, and assessments covering math, science, economics, computer science, humanities and test prep!

**Toolkit for Youth with Disabilities Transitioning to Adulthood**  
**www.ncwd-youth.info/PAS-Toolkit**  
A free toolkit to download in Word and PDF versions.

**New Teacher Survival**  
**http://discoveryeducation.com/survival/**  
Resources for assisting new teachers; includes “technology 101” and “best of the web” features.

**WiZiQ**  
**www.wiziq.com**  
A web-based virtual classroom for sharing educational content and tests.

**Webspiration**  
**www.mywebspiration.com**  
Organize information and brainstorm ideas anywhere or anytime.

**Mind42**  
**http://mind42.com**  
A collaborative mind mapping tool that allows you to easily organize your thoughts—a great tool for developing research papers.

**WebQuest**  
**http://webquest.org**  
A WebQuest is an inquiry lesson format that uses available information on the web as resources.

**Poll Everywhere**  
**www.polleverywhere.com**  
Encourage more student participation in traditional lectures with this free classroom response system that works using cell phones or computers.

**Quizlet**  
**http://quizlet.com/**  
A great online tool to help students practice vocabulary and language.

**Apple Podcasting in Education**  
**www.apple.com/education/resources**  
Free videos and tutorials for teachers and administrators for using Apple products in an educational setting.
Thinkfinity
www.thinkfinity.org
Free resources for educators from the Verizon Foundation.

The Futures Channel
www.thefutureschannel.com
Movies and activities demonstrating real-world applications of math and science.

Prezi
http://prezi.com/
Create engaging, nonlinear, “zooming” presentations.

Voicethread
www.voicethread.com
Voicethread is a collaborative, multimedia tool for creating slide shows that incorporate images, documents, and videos; also available as an app.

Blabberize
http://blabberize.com
Animate still photos to create talking pictures that can be used to spice up a presentation.

Guides and Tutorials: Non-Linear PowerPoint
www.guidesandtutorials.com/non-linear-powerpoint.html
When used correctly, PowerPoint can be an engaging instructional tool; learn how to make your presentations more dynamic; many other tutorials are also available.

The Spider’s Apprentice
www.monash.com/spidap.html
Learn how web search engines work and find tips for locating exactly what you want on the web.

Hot Potatoes
http://hotpot.uvic.ca/tutorials6.php
Applications that enable you to create interactive multiple-choice, short-answer, jumbled-sentence, crossword, matching/ordering and gap-fill exercises for use on the web.

Discovery Classroom Resources
http://school.discoveryeducation.com
Lesson plans library, worksheets to go, and more from Discovery Education.

Distance Education and Training Council
www.detc.org
Nonprofit educational association that promotes excellence in distance education.
Bill & Melinda Gates Foundation
www.gatesfoundation.org
Website about the Foundation and its programs and efforts on a range of subjects, including education.

FREE—Federal Resources for Educational Excellence
www.free.ed.gov
Links to hundreds of teaching and learning resources from federal agencies, on topics such as arts and music, health and physical education, language arts, math, science, and U.S. history.

FutureLab
www.futurelab.org.uk
A comprehensive website for contemporary educational research, school development projects, and related resources.

NationalAtlas.gov
www.nationalatlas.gov
A wide range of printable, dynamic, and interactive maps and articles that illustrate dozens of trends and topics about America.

Lesson Planet
www.lessonplanet.com
Thousands of online educational resources, including lesson plans for art, music, education, health and nutrition, language arts, geography, math, science and technology, and social studies.

Martindale’s—The Reference Desk
www.martindalecenter.com
Online calculators and other resources relating to almost every subject including mathematics, agriculture, engineering, chemistry, food, and more.

Sweet Search
www.sweetsearch.com
A search engine designed especially for students that link to sites approved by research experts, teachers, and librarians.

ProQuest K12
www.proquestk12.com/educatortools.shtml
Archives of lesson plans on hundreds of topics, by category.

U.S. Copyright Office
www.copyright.gov
Information about copyright, how to register a work, law and policy, and more.
History.com
www.history.com
Educational videos and television programming.

USDA National Institute of Food and Agriculture
www.csrees.usda.gov/qlinks/partners/state_partners.html
Links to Cooperative Extension Service partners in every state.

Career and Technical Education Resources
www.khake.com/page50.html
Hundreds of links to resources on topics related to career and technical education.

CIMC
www.okcimc.com
The source for CareerTech curriculum made in Oklahoma.

We Shall Overcome
www.nps.gov/history/nr/travel/civilrights/
Links to, and explanations of, historic places in the civil rights movement in America, by state.

Today in History
http://memory.loc.gov/ammem/today/today.html
Memorable events for each day of the year, from the Library of Congress.

EDSITEment
http://edsitement.neh.gov/calendar/
Historic events calendar, with lesson plans, from the National Endowment for the Humanities.

LibrarySpot.com
www.libraryspot.com
Encyclopedias, maps, online libraries, quotations, dictionaries, and more.

The College Board’s Net Price Calculator
www.collegeboard.com/html/npc/
This calculator gives parents and students a realistic estimate of future college expenses.
Finance

Building Wealth
http://www.dallasfed.org/microsites/cd/wealth/index.html
A personal finance education resource that presents an overview of wealth-building strategies, from the Federal Reserve Bank of Dallas. Free to download; free printed copies also available.

Building Your Future
A free financial literacy curriculum from The Actuarial Foundation for student’s grades 9-12; teacher’s guides and student books cover banking, financing, investing, and succeeding.

Expect the Unexpected With Math®
http://www.actuarialfoundation.org/programs/youth/etu.shtml
The dynamic lessons and activities in this series from The Actuarial Foundation use story lines that students in grades 6-8 find interesting to show them the fun and relevance of math.

Math Academy
http://www.actuarialfoundation.org/programs/youth/math_academy.shtml
Created by teachers for teachers, the Math Academy series from The Actuarial Foundation features hands-on activities and a fun learning environment for the teaching of mathematics to students.

Federal Reserve Education Resources
https://www.federalreserveeducation.org/
Resources by audience from the Federal Reserve Bank.

Jump$tart’s Reality Check
http://www.jumpstart.org/reality-check.html
Allows students to see how much it will cost to live the lifestyle they want to live.

Minimum Wage Laws
http://www.dol.gov/whd/minwage/america.htm
A map to access minimum wage laws by state, from the U.S. Department of Labor.

Living Wage Calculator
http://livingwage.mit.edu/
A calculator to estimate the cost of living in your community or region, from MIT.

Consumer World
www.consumerworld.org
Everything consumer—bargains, ploys, price checkers, you name it.
Federal Citizen Information Center  
www.pueblo.gsa.gov  
Free publications on a range of consumer topics, including cars, computers, education, employment, family, food, health, housing, and money.

FDIC Consumer News  
www.fdic.gov/consumers/consumer/news/  
This site promises “...practical guidance on how to become a smarter, safer user of financial services.”

MyMoney.gov  
www.mymoney.gov/  
Website of the U.S. Financial Literacy and Education Commission, including calculators and information on budgeting, credit, home ownership, paying for education, and saving and investing.

Getting Through Tough Financial Times  
http://web.extension.illinois.edu/toughtimes/  
A website providing confidential help for families in need, including free educational resources to download, states’ contact information, and more.

Consumer Action Handbook  
www.consumeraction.gov  
Order, download, or view the free Consumer Action Handbook online - the handbook covers what to do before and after you buy almost anything.

FTC Consumer Information  
www.ftc.gov/bcp/consumer.shtm  
Advice from the Federal Trade Commission on a variety of consumer topics, from automobiles to telemarketing.

Economic Education Resources, Federal Reserve Bank of Boston  
www.bos.frb.org/education/econedpubs.htm  
Free publications to download from the Boston Fed, including The Ledger, an economic education newsletter for teachers.

Web Winder  
www.webwinder.com  
Business and financial calculators available online.
The Performance-Based Management Handbook
www.orau.gov/pbm/pbmhandbook/pbmhandbook.html
This free, six-volume handbook series from the U.S. Department of Energy is a primer on all aspects of performance-based management. The series titles are:

• Establishing and Maintaining a Performance-Based Management Program
• Establishing an Integrated Performance Management System
• Establishing Accountability for Performance
• Collecting Data to Assess Performance
• Analyzing, Reviewing, and Reporting Performance data
• Using Performance Information to Drive Improvement

Topics addressed throughout the series include: accountability tools and requirements, data collection methods, data analysis and presentation, benchmarking, process improvement, performance dashboards, Baldrige Award criteria, continuous improvement, and more.

LEADS Curriculum Notebook
LEADS stands for Leadership Excellence and Dynamic Solutions. This 357-page curriculum from Kansas State University was designed to assist Extension educators as they implement leadership programs within their counties. Its units and modules offer a wealth of leadership training resources on topics such as:

• The Leader Within You
• Values and Ethics
• Strengths and Styles
• Building Trust
• Managing Conflict in Groups
• Dealing With Change

Learning Today, Leading Tomorrow Series
http://extension.psu.edu/publications
A leadership curriculum from Penn State College of Agricultural Sciences designed to help individuals develop and strengthen their personal leadership skills (click on the “Economic and Community Development” category). Workbooks include:

• The Leader Within You
• Values and Ethics
• Understanding Your Leadership Style
• Valuing Diversity
• Partnering With the Media
• Communications Basics
• Facilitation
• Managing Conflict
• Effective Meetings
• Productive Groups
• Group Decisions
• Active Leadership
• Dealing With Change

Center for Responsive Politics
http://www.opensecrets.org/
“Your nonpartisan guide to money’s influence on U.S. elections and public policy”.
Clerk’s Floor Summary
U.S. House proceedings for the last seven legislative days.

Federal Election Commission
http://www.fec.gov/pindex.shtml
Provides a single point of entry to campaign finance data.

House Live
http://houselive.gov
This site provides live and on-demand video access to the floor proceedings of the U.S. House of Representatives.

Economy-at-a-Glance Tables
www.bls.gov/eag/
Tables organized by state and metropolitan area, from the Bureau of Labor Statistics.

A - Z Index of U.S. Government Departments and Agencies
http://www.usa.gov/directory/federal/index.shtml
This site provides a listing of federal departments and agencies.

Peace Corps
www.peacecorps.gov
An organization of volunteers who help improve the lives of countless individuals in over 100 foreign countries.

Supreme Court Calendar
www.supremecourtus.gov
View the calendar of oral arguments before the U.S. Supreme Court, court rulings, and opinions.

USAJobs.gov
www.usajobs.gov
Official jobs site of the federal government.

Higher Ed Jobs
www.higheredjobs.com
View job listings posted by most major colleges and universities.
Health Science

National League of Nursing — Teaching Resources
http://www.nln.org/professional-development-programs/teaching-resources/practical-nursing
Provides guidelines that describe the four program outcomes of human flourishing, nursing judgment, spirit of inquiry, and professional identity as a foundation for curriculum redesign.

Study.com — List of Free LPN Resources
List of free online LPN classes and educational materials, compiled by Study.com.

CDC FastStats
http://www.cdc.gov/nchs/fastats/
The FastStats site provides quick access to statistics on topics of public health importance and is organized alphabetically. Links are provided to publications that include the statistics presented, to sources of more data, and to related web pages.

Phillips Learning Connection — Medical Games
Free online games dealing with anatomy and physiology, x-ray, medical terminology, MRI, vascular, cardiology, and more.

Learning Nurse Resources Network
Nursing games designed to make your nurse learning/education more interesting, engaging and fun.

Handbook of Patient’s Spiritual and Cultural Values for Health Care Professionals
http://www.healthcarechaplaincy.org/81-hidden/474-publications.html
A free guide to download from the HealthCare Chaplaincy Network.

Inner Body
http://www.innerbody.com/
Explore the human body like never before with hundreds of interactive anatomy pictures and descriptions of thousands of objects in the body.

Techtiplib
http://www.techtiplib.com/2012/08/top-25-smartphone-apps-for-family-nutrition/
This site has a listing of the top 25 smartphone apps for family nutrition.
Nursing Simulation Scenario Library
http://cms.montgomerycollege.edu/nursingsims/
This collection of videos includes a simulation scenario as well as accompanying documentation that can be used to recreate the scenarios.

The Visible Human Project
Complete, anatomically detailed, three-dimensional representations of normal male and female bodies, created from cadavers.

Medical Matrix
www.medmatrix.org
Guide to Internet clinical medicine resources.

Alzheimer’s Association
www.alz.org
The Alzheimer’s Association’s Brain Tour provides a fascinating interactive explanation about how the brain works and how Alzheimer’s disease affects the brain.

NIH Health Information A to Z
http://health.nih.gov
Health information organized by body systems, health and wellness, conditions/diseases, and procedures.

Health.gov
www.health.gov
Portal to the websites of federal departments and agencies, and their health initiatives and activities.

The Pathology Guy
www.pathguy.com
Dozens of resources on pathology topics, general pathology, and resources for the medical teacher.

NursingNet
www.nursingnet.org
Online nursing resources.

Cells Alive
www.cellsalive.com
Animations and graphics on cell biology, microbiology, immunology, and microscopy.

NIH Office of Science Education
http://science.education.nih.gov
Educational resources from the National Institutes of Health, organized by topics, grade levels, and formats.
NIGMS Interactive Games
http://publications.nigms.nih.gov/classroom/quiz/
Multi-level, interactive games and puzzles about cells, proteins, the chemistry of health, and other topics from the National Institute of General Medical Sciences.

The Human Heart
www.fi.edu/learn/heart/
An online exploration of the human heart from The Franklin Institute, including enrichment activities.

CDC’s Health Marketing Resources and Tools
www.cdc.gov/healthmarketing/resources.htm
Provides a guide for implementing strategies that can be used in public health education, research and communication efforts.

CDC’s Science Ambassador
www.cdc.gov/excite/ScienceAmbassador/ambassador_pgm/lessonplans.htm
Engaging high school and middle school lesson plans that introduce students to real public health problems and nurture an interest in careers in the public health industry.

Inside the Brain
www.alz.org/brain/01.asp
An Interactive Tour from the Alzheimer’s Association.

Interactive Hand Hygiene Course
www.cdc.gov/handhygiene/training/interactiveEducation/
From the Centers for Disease Control and Prevention.

Iowa Geriatric Education Center Info-Connect pamphlets
www.healthcare.uiowa.edu/igec/publications/info-connect/
Free documents to download.

Kansas State University, Center on Aging
http://www.kdads.ks.gov/LongTermCare/PEAK/peak.html
Free instructional modules to download.
Hospitality & Tourism

Culinary Techniques for Healthy School Meals
http://www.nfsmi.org/Templates/TemplateDefault.aspx?qs=cElEPTlxNg
Free print and video lessons from the University of Mississippi, Institute of Child Nutrition. The video lessons feature chefs from the Culinary Institute of America demonstrating step-by-step food preparation methods. The programs highlight the USDA Recipes for Schools.

International Hotel and Restaurant Association
http://ih-ra.com/
Publications, industry issues and news, and a member database.

Oklahoma Today Magazine Digital Archives
http://digital.library.okstate.edu/oktoday/index.html
Free digital versions of all issues of Oklahoma Today magazine since the 1950s, including feature stories that make great classroom resources for study in travel, geography, history, social studies, and other subjects.

Oklahoma Tourism
www.Travelok.com
Information on exploring Oklahoma and helpful links are found on this site.

CyberTour Routes
http://www.okcareertech.org/educators/cimc/resources/resources-by-title/touring-oklahoma
Links to websites along “cybertour routes” in the six country areas of Oklahoma can be found here.

Oklahoma Agritourism: Oklahoma’s Growing Adventure
www.oklahomaagritourism.com
Links to Oklahoma agritourism destinations, resource manual, directory, and more.

Office of Travel and Tourism Industries
http://tinet.ita.doc.gov
Official U.S. Government site offering information about travel in the U.S. and abroad, statistics, and policies.

Oklahoma Route 66 Association
www.oklahomaroute66.com
Website of the Association, featuring news, preservation information, business listings, and facts about the historic highway.
Hcareers.com

www.hcareers.com

Search site for hospitality careers, from hotel and resort jobs to cruise ship positions, entertainment jobs, and travel/tourism careers.

Kitchen Companion: Your Safe Food Handbook

This online publication from the USDA Food Safety and Inspection Service provides important updated information about safe food handling practices and food-borne illnesses.
Human Services

ProCon.org
http://www.procon.org/
“More than 12,000 pages of highly curated, referenced content . . . for people to question information, evaluate opposing views, and debate them in a respectful way”.

Resident Abuse Prevention Poster
A free poster to download from the Curriculum and Instructional Materials Center of the Oklahoma Department of Career and Technology Education.

Al Siebert Resiliency Center
http://resiliencycenter.com/
Stories useful in discussing goal-setting and overcoming barriers.

Working With Differences in Communities
https://catalog.extension.oregonstate.edu/manual13
A free book from Oregon State University Extension; just click on the “View It Now” button to access the free PDF.

Cooking 101
https://www.ag.ndsu.edu/publications/food-nutrition
A series of full-color booklets, free to download, showing singles and couples how to equip a kitchen, healthy eating on the run, cooking in small spaces using a microwave oven, putting a healthy spin on pre-packaged favorites, grocery shopping made easy, and more.

Building Bridges
This is a Peace Corps classroom guide to cross-cultural understanding. The lessons in this book will: help students better understand their own culture and how it has shaped them.

Elder Abuse Presentation Sets
From the National Center on Elder Abuse, this presentation materials toolkit assists presenters in developing presentations on elder abuse and related phenomena.

Portion Distortion Resources
http://www.nhlbi.nih.gov/health/educational/wecan/eat-right/distortion.htm
Portion and serving size resources from the National Heart, Lung and Blood Institute.

CalorieKing
http://www.calorieking.com/foods/
A handy tool for calculating calories consumed.
National Eating Disorders Association
http://www.nationaleatingdisorders.org/learn
Website includes information about eating disorder types and symptoms, contributing factors and prevention, treatment, recovery, toolkits, and more.

Fight Bac!
http://www.fightbac.org/
Free food safety resources from the Partnership for Food Safety Education.

BHG Videos
http://www.bhg.com/videos/video-index
Videos from Better Homes and Gardens, including home storage, small-space ideas, furniture arranging, how to pack for a trip, and more.

King Arthur Flour Videos
http://www.kingarthurflour.com/shop/VideoHome
Videos about baking techniques, tutorials, recipes, and more.

National Suicide Prevention Lifeline
http://www.suicidepreventionlifeline.org/
Information about crisis centers, ways to get involved, a suicide prevention toolkit, and more.

DoSomething.org
https://www.dosomething.org/us
“Volunteer campaigns that impact every cause”.

Grocery Store Layout
Secrets revealed from Real Simple magazine.

Green Living Tips
http://www.goodhousekeeping.com/home/a18573/ways-to-go-green/
Easy ways to live greener, from GoodHousekeeping.com.

How Product Placement Works
Explanation of product placement from HowStuffWorks.

Babysitter Information Sheet
http://lifeyourway.net/free-printables/home-management-notebook/babysitter-information/
Free form to download from Life Your Way.
ABCs of Child Development
http://www.pbs.org/wholechild/abc/
Child development milestones from PBS.org.

Living Sustainably: It’s Your Choice
https://catalog.extension.oregonstate.edu/ec1614
“This guide focuses on making choices to improve quality of life and reduce negative impacts on the environment. Contains information and activities to help you be more thoughtful about lifestyle choices and create your personal version of sustainable living.”
Click on the “View it now” button to access the free PDF.

That’s Not Cool Callout Cards
http://thatsnotcool.com/callout-cards/
Developed by Futures Without Violence in partnership with the Department of Justice’s Office on Violence Against Women and the Advertising Council, That’s Not Cool is an award-winning national public education initiative speaking to youth about healthy relationships and helping them recognize, avoid, and prevent dating violence in their lives.

Safe Place
http://nationalsafeplace.org/
A national youth outreach and prevention program for young people in need of immediate help and safety.

Safety Training for Homecare Workers
http://www.cdc.gov/niosh/docs/2015-102/
Provides the files for Caring for Yourself While Caring for Others, a free and active curriculum to assist trainers in meeting the health and safety training needs for homecare workers and to enhance communication between homecare workers and their clients.

Stop Bullying
http://www.stopbullying.gov/
StopBullying.gov provides information from various government agencies on what bullying is, what cyberbullying is, who is at risk, and how you can prevent and respond to bullying.

It Can Wait
http://itcanwait.com/
AT&T’s program to stop teens from texting and driving; includes a texting while driving simulator.

Statistics on the Aging
www.agingstats.gov/agingstatsdotnet/main_site/default.aspx
Federal interagency forum on aging-related statistics.
PEAK 2.0
http://www.he.k-state.edu/aging/peak2.php
Promoting Excellent Alternatives in Kansas Nursing Home Education Initiative modules feature information about nursing home culture, activities, and other issues.

Population Clocks
www.census.gov/main/www/popclock.html
U.S. and world population clocks.

ChildStats.gov
www.childstats.gov/
Forum on child and family statistics.

Data Resource Center for Child & Adolescent Health
www.childhealthdata.org
Health data available by survey or map.

NAEYC
www.naeyc.org
Website of the National Association for the Education of Young Children.

Alexander Graham Bell Association for the Deaf and Hard of Hearing
http://nc.agbell.org
Helps families, health care providers, and education professionals understand childhood hearing loss and the importance of early diagnosis and intervention.

American Association on Intellectual and Developmental Disabilities (AIDD)
www.aamr.org
Professional association by and for professionals who support people with intellectual and developmental disabilities.

Council for Exceptional Children
www.cec.sped.org
Largest international professional organization dedicated to improving the educational success of individuals with disabilities and/or gifts and talents.

BeautyTech
www.beautytech.com
Resources, articles, message boards, links and more, covering every aspect of the industry.

Salon Magazine
www.salonmagazine.ca
Salon Magazine’s articles and features on beauty, wellness, and style.
Information Technology

GetNetWise
http://www.getnetwise.org/
Resources on topics relating to Internet education and safety.

Online News Association Resources
http://journalists.org/resources/
Tools, programs, technologies and other opportunities for the digital journalism community.

Google url shortener
https://goo.gl/
Allows you to shorten a long url.

CERT
http://www.cert.org/
Information about Internet security issues from the Software Engineering Institute at Carnegie Mellon University.

Google, Google, and More Google
Google has expanded well beyond its well-known search engine—make long distance phone calls using Google Voice, draw 3D building models using Google SketchUp, and more.

Web Designer Depot
www.webdesignerdepot.com
This site is a good source for web design and development tips.

SiteHoover
http://sitehoover.com
Create a homepage with links to all of your favorite websites.

Downloadpedia
http://downloadpedia.org
A library of freeware, shareware, commercial software, and all sorts of tools.

Jing
www.techsmith.com/jing/free/
Create screen captures that can be instantly shared by email or social media.

WordPress
http://wordpress.org
Build your own classroom blog or website.
Diigo
www.diigo.com
A social bookmarking site that allows you to use a highlighter or a sticky note to leave yourself notes on the page; there is also an app available.

Open Office
http://openoffice.org
Free, open-source software applications that allow you to edit Microsoft Office documents.

Learn to Create Websites
http://w3schools.com
Tutorials for learning all types of web production—HTML, CSS, PHP, XML, Flash and more.

Internet Society
www.isoc.org/internet/history/
Links to a range of perspectives on the history of the Internet.

EDUCAUSE
www.educause.edu/community/
This is a place to connect with other information technology professionals.

Distance Education and Training Council
www.detc.org
Nonprofit educational association that promotes excellence in distance education.

Webopedia
www.webopedia.com/
The online computer dictionary for computer and Internet terms and definitions.

WiredSafety.org
www.wiredsafety.org
Resources to help kids and parents navigate the Internet more safely.

NetSmartz411
www.netsmartz411.org
Internet safety helpdesk.

CERT
www.cert.org
Information about Internet security issues from the Software Engineering Institute.

OnGuard Online
www.onguardonline.gov
Practical computer safety tips from the federal government and the technology industry.
MERLOT
http://merlot.org
MERLOT (Multimedia Educational Resource for Learning and Online Teaching) is an open source site that instructors can use to add peer reviewed content to courses.

StumbleUpon
www.stumbleupon.com
StumbleUpon allows you to find sites that interest you.

Wiki Walk-Through
http://www.teachersfirst.com/content/wiki/
This tutorial talks about the basics of using a wiki, and then allows teachers to peruse content and grade-specific ideas for using wikis in the classroom.

Edublogs
www.edublog.org
One of the world’s most popular blogging services, designed exclusively for educators.

WikiSpaces
www.wikispaces.com
This site includes a tutorial for setting up and running a wiki, which can be used as a collaborative learning tool.

How-To Geek’s Complete list of iPad Tips, Tricks, and Tutorials
www.howtogeek.com/howto/14529/the-complete-list-of-ipad-tips-tricks-and-tutorials/
This website can show you how to use your iPad.

MacBreak
www.pixelcorps.tv/macbreak
Video casts of quick how-to’s, updates, and conversations, about everything Mac.

How to Create Video Streaming
www.mediacollege.com/video/streaming/overview.html
For people who are familiar with basic digital videography and know how to create a web site, this site explains different types of video streaming.

Delicious
www.delicious.com
This is an excellent bookmarking service for those who have a Yahoo account.

Color Vision by Cal Henderson
www.iamcal.com/toys/colors/
This site has a tool that allows you to simulate the appearance of the site’s colors for people with different color visions/deficiencies.
Law, Public Safety, Corrections & Security

VERA Institute of Justice
http://www.vera.org/
The Vera Institute of Justice combines research, technical assistance, and demonstration projects to help leaders in civil society improve the systems people rely on for justice and safety. Vera works with law enforcement and government agencies to reduce crime and promote efficient policing while improving public safety.

Victim Impact: Listen and Learn Curriculum
https://www.ovcttac.gov/victimimpact/units_toc.cfm
Thirteen free training units to download from the Office for Victims of Crime; includes files for the facilitator manual, participant workbook, and video clips.

Uniform Crime Reporting
https://www.fbi.gov/about-us/cjis/ucr/ucr
The Uniform Crime Reporting program of the FBI. Includes the annual report, Crime in the United States, which compiles the volume and rate of violent and property crime offenses for the nation and by state.

National Forensic Science Technology Center YouTube Page
https://www.youtube.com/user/TheNFSTC
Includes Forensic Updates—“the latest in forensics news from around the world”—science “sound bytes,” forensic tests, and more.

Crime Scene Investigation Guide
https://www.nfstc.org/bja-programs/crime-scene-investigation-guide/
Developed by crime scene experts, this comprehensive, step-by-step guide leads law enforcement through the crucial, first phase of the justice process. Free for download as a PDF or for your favorite e-reader.

Forensic Science Simplified
http://www.forensicsciencesimplified.org/
From firearms examination to video enhancement, this site provides simple, easy-to-understand explanations of different forensic disciplines. Each section presents the principles behind the techniques, approaches for discovering and collecting evidence, and an overview of how it’s enhanced and processed once it gets back to the lab. Includes free PDF and e-reader downloads.

Fingerprint Sourcebook
http://nij.gov/publications/Pages/welcome.aspx
Free to download from the National Institute of Justice, the Sourcebook covers the anatomy and physiology of friction ridge skin (the uniquely ridged skin found on the palms and soles); techniques for recording exemplars from both living and deceased subjects; latent print development, preservation and documentation; equipment and laboratory quality assurance; perceptual, cognitive and psychological factors in expert identifications; and legal issues.
OnGuardOnline.gov
Free resources for parents, teachers and kids. The Net Cetera online toolkit offers free resources to help you teach people in your community about kids’ online safety. Includes booklets, video, and a PowerPoint presentation.

COPS Publications
http://www.cops.usdoj.gov/COPSpublications

Keys to a Career in Law Enforcement Poster
Developed in cooperation with the National Partnership for Careers in Law, Public Safety, Corrections, and Security, this free poster lists activities and behaviors that will keep you on track for a career in law enforcement.

Crime Scene Investigation
www.crime-scene-investigator.net
Information and links about all aspects of criminal investigation.

FBI Kids Pages
www.fbi.gov/fbikids.htm
Children and their parents can learn more about the FBI through age-appropriate games, tips, stories and interactive activities.

Officer.com
www.officer.com
A comprehensive law enforcement website.

interFIRE.org
www.interfire.org
This is a resource site for fire investigators, fire insurers, law enforcement, and others.

Corrections.com
www.corrections.com
Information and related links for those interested in corrections can be found here.
Manufacturing

Grand Challenges for Engineering
http://www.engineeringchallenges.org/
Explanations of the top engineering challenges for the 21st century, from the National Academy of Engineering.

Right Skills Now
http://rightskillsnow.org/
The Right Skills Now for Manufacturing program builds on the success of and demand for industry-recognized credentials and competency-based learning in both education and industry.

Manufacturing Institute
http://www.themanufacturinginstitute.org
“The authority on the attraction, qualification, and development of world-class manufacturing talent”.

AWS Education Resources
http://www.aws.org/education/Resources
Resources compiled by the American Welding Society.

Manufacturing Is Cool
http://www.manufacturingiscool.com/
Interactive website from the Society of Manufacturing Engineers Education Foundation.

How Gear Ratios Work
http://auto.howstuffworks.com/gears.htm

How Everyday Things Are Made
http://manufacturing.stanford.edu
Video tours showing how items are manufactured, from airplanes to jelly beans, presented by the Alliance for Innovative Manufacturing at Stanford University.

Manufacturing Career Guide
www.khake.com/page40.html
Links for exploring manufacturing careers can be found here.

NIOSH
www.cdc.gov/niosh/
Workplace safety and injury prevention resources, organized by industries and occupations, hazards and exposures, diseases and injuries, chemicals, safety and prevention, and emergency preparedness and response.
Reading a Micrometer
www.upscale.utoronto.ca/PVB/Harrison/Micrometer/Micrometer.html
Animation showing how a micrometer works and how to read one.

Greatest Engineering Achievements of the 20th Century
www.greatachievements.org
The top 20 achievements and how engineering shaped the century, from the National Academy of Engineering.

Lincoln Electric, Education Center
www.lincolnelectric.com
Information on skilled trades, lists seminars and workshops, welding safety information, and operators manuals.
Marketing, Sales & Service

CDC’s Guide to Writing for Social Media
Information to help you write more effectively using multiple social media channels, particularly Facebook, Twitter, and mobile phone text messaging, from the Centers for Disease Control and Prevention.

Ewing Marion Kauffman Foundation
http://www.kauffman.org/
Educational materials, reports, and other resources relating to entrepreneurship.

SBA Small Business Administration
www.sba.gov
Loans and grants, training, small business law, guidelines and tips for pricing, selling, and other assistance.

AllBusiness.com
www.allbusiness.com/sales/2976221-1.html
Tips and advice on sales and selling in a small business environment.

BusinessUSA
www.business.usa.gov
Everything you might need to know about starting and operating a business; this site includes everything from starting a business to getting financing to understanding health care coverage.

International Trade Association’s Online Bookstore
http://trade.gov/publications
Links to ITA’s most popular book titles, including many that are free to download.

RetailSales.net
www.retailsales.net
Resources to help independent retailers to build their skills.

Business Etiquette
www.emilypost.com/business-etiquette
Tips from The Emily Post Institute.

Monkey See
www.monkeysee.com
Type in “etiquette” in the search engine to locate dozens of videos, ranging from basic dining etiquette to understanding how to talk to people who have disabilities.
eHow
www.ehow.com
Instructional how-to videos on almost anything—from making a healthful strawberry smoothie, to changing a tire; search on “business etiquette” to learn proper business rules, corporate protocol, customs, and manners.

Institute for Citizen-Centered Service
www.iccs-isac.org/en/cmt/publications.htm
Canada’s ICCS provides customer satisfaction questions for survey instruments that help managers understand the needs of their clients and identify ways to improve their ways of doing business.
Science, Technology, Engineering & Mathematics (STEM)

Engineering Your Future
https://app.aws.org/foundation/engineer_your_future.html
This free science education program for junior and senior high grades provides 12 student workshops emphasizing: hands-on learning, higher-order thinking skills, and practical application of information.

Nanooze Downloads
http://www.nanooze.org/articles/downloads/
A “place to hear about the latest exciting stuff in science and technology”.

PIE Network
http://www.pienetwork.org/
“Playfully Inventing and Exploring” offers project ideas that integrate technology with art, science, music, and engineering.

Magnet Man
http://my.execpc.com/~rhoadley/magindex.htm
Cool experiments with magnets.

Science, Optics & You
http://micro.magnet.fsu.edu/optics/activities/students/index.html
Activities for students to investigate light, optics, and color.

The Ruler Game
http://www.rulergame.net/
Online ruler and tape measure reading practice.

EPA Carbon Footprint Calculator
http://www3.epa.gov/carbon-footprint-calculator/
The calculator estimates your footprint in three areas: home energy, transportation and waste.

Amazing Space
http://amazingspace.org/
Classroom resources that promote the science and beauty of the universe based on discoveries from the Hubble Space Telescope; includes a monthly guide to the night sky and homework help.
Robot Café
http://www.robotcafe.com/
A community of robotics enthusiasts.

Materials Science Education Activities
http://education.mrsec.wisc.edu/212.htm
Educational modules based upon materials science and nanotechnology research done at the University of Wisconsin – Madison.

NASA For Educators
http://www.nasa.gov/audience/foreducators/index.html
Free teaching materials for students and teachers at multiple grade levels.

Digital Photography Tutorials
http://www.cambridgeincolour.com/tutorials.htm
Tutorials about cameras, imaging, color, tips and techniques, and more.

Martindale’s Calculators On-Line Center
http://www.martindalecenter.com/Calculators.html
Online calculators and other resources relating to mathematics, agriculture, engineering, home, chemistry, food, and more.

NASA Aerodynamics Index
http://www.grc.nasa.gov/WWW/K-12/airplane/short.html
Links to slides, explanations, and animations of aerodynamics topics from the Glenn Research Center, including math and science fundamentals, aircraft forces, thrust, weight, the atmosphere, aircraft motion, lift and drag—even kites and baseballs.

NIGMS Publications
https://publications.nigms.nih.gov/order/
Free full-color publications to download from the National Institute of General Medical Sciences, such as Inside the Cell, The Chemistry of Health, The Structures of Life, and Medicines By Design.

The Center for Innovations in Engineering and Science Education
http://ciese.org/currichome.html
Interdisciplinary projects based on real-time internet activities can be found on this site.

Learn.Genetics
http://learn.genetics.utah.edu/
The University of Utah’s Genetic Science Learning Center has a great website on genetics. From the basics to virtual labs, you can find a variety of great information on this site.
Space Weather Compendium
http://www.wem.mb.ca/learner_materials.aspx
The University of Colorado at Boulder’s Laboratory for Atmospheric and Space Physics provides this site as part of their education program in space weather.

Lessons From The Field
www.nasa.gov/pdf/259240main_Space_Science_Is_for_Everyone.pdf
This is a free guide from NASA about creating and using resources that are accessible.

Explore Learning
http://www.explorelarning.com/index.cfm
This site includes math and science resources with gizmos.

NCTM Illuminations
http://illuminations.nctm.org/
Resources for teaching math can be found on this site.

Math Playground
http://www.mathplayground.com/games.html
Play with math and give your brain a workout on this site.

Print Free Graph Paper
http://www.printfreegraphpaper.com/
Create and print many types of graph paper with a few clicks here.

Brain POP
www.brainpop.com
An engaging website that offers animated curriculum for science, math, engineering and technology, health, English, and social studies.

Kids’ Zone
http://nces.ed.gov/nceskids/
Includes math quizzes, activities, and a tool for creating graphs.

Conversion Tables/Unit Conversion Online
www.convert-me.com/en/
Conversions for many common and exotic units.

CSI: Climate Status Investigations
www.keystonecurriculum.org
Lessons on climate change, made possible by the Keystone Center, the Department of Energy, and the National Energy Technology Laboratory.
The Khan Academy
www.khanacademy.org
Offers a multitude of video lectures in science, math, history, and finance.

Nanooze
www.nanooze.org
Learn about the latest in science and technology.

American Museum of Natural History
www.amnh.org
Programs and resources for kids and teachers on topics such as biodiversity, earth science, astronomy, anthropology, and paleontology, from the American Museum of Natural History.

Engineering Your Future
www.aws.org/foundation/engineer_your_future.html
A free set of 12 science workshops for junior and senior high school students, from the American Welding Society.

International Technology and Engineering Educators Association
www.iteaconnect.org
Association website, with links to standards and other resources.

World of Materials
www.engr.sjsu.edu/WofMatE/
Exploring materials engineering.

Optics Activities
http://micro.magnet.fsu.edu/optics/activities/students/
Activities for students to investigate light, optics, and color.

Fluid Power Educational Foundation
www.fpef.org
Includes information on STEM opportunities, scholarships and school information.

Web Elements
www.webelements.com
This site includes one of the best periodic tables on the web.

Exploring the Nano World
http://mrsec.wisc.edu/Edetc/
Modules and activities to explore nanotechnology are found here.

Forging Facts
www.forging.org/forging-facts
Explanation of how forgings are produced, from the Forging Industry Association.
Museum of Science and Industry
www.msichicago.org
The museum features online science activities; apps are available.

The Lemelson Center for the Study of Invention & Innovation
http://invention.smithsonian.org/home/
Virtual exhibits, explorations, resources, and free downloads for teachers, students, and parents, from the Smithsonian Museum of American History.

NOAA Education
www.education.noaa.gov/teachers1.html
Teacher and student resources from the National Oceanic & Atmospheric Administration, on weather, climate change and our planet, oceans and coasts, satellites, and space.

NOAA's Ocean Explorer
http://oceanexplorer.noaa.gov
List of educational resources, inquiry-based learning activities, and professional development information, as well as links to spectacular videos, dynamic maps, and amazing photos.

Bridge-Related Links
www.abcdpittsburgh.org/links
Dozens of links from the Association for Bridge Construction and Design, Pittsburgh Chapter are found here.

Super Bridge
www.pbs.org/wgbh/nova/bridge/
Companion website to the NOVA program “Super Bridge,” including the Build A Bridge game and links to bridge-related resources.

SpaceMath@NASA
http://spacemath.gsfc.nasa.gov
Free student and teacher modules to download to help students develop a deeper understanding of key mathematical concepts and their applications.

Energy Quest
www.energyquest.ca.gov
Energy and environmental education materials and resources for students, parents, and teachers from the California Energy Commission.

Math Resources
www.khake.com/page47.html
Links to math tutorials, formulas, calculators, and directories.
WolframAlpha
www.wolframalpha.com
This website will not only solve any mathematical problem, but it will also provide the steps describing how to get the answer.

Live Science
www.livescience.com
Science, health, and technology news and videos.

Jefferson Lab
http://education.jlab.org
Activities, worksheets, puzzles, games, and programs designed to increase interest in engineering and technology, especially in under-represented groups.
Transportation, Distribution & Logistics

FAA Aviation Handbooks and Manuals
http://www.faa.gov/regulations_policies/handbooks_manuals/aviation/
Aviation-related publications available for download as PDF files, from the Federal Aviation Administration.

Bureau of Transportation Statistics
Data and statistics by mode of transportation, by region, and by subject.

America On the Move
http://americanhistory.si.edu/onthemove/
How transportation changed lives, culture, landscapes, and communities, an online exhibit from the National Museum of American History.

Women in Transportation
www.fhwa.dot.gov/wit/
Website about women’s history in transportation, including a free guide to download.

National Coalition for Aviation Education
www.aviationeducation.org
The Coalition website, including career and teaching resources.

Bestpaperairplanes.com
www.bestpaperairplanes.com
Paper airplane designs and how to make them.

NASA Smart Skies
www.smartskies.nasa.gov
Distance-rate-time investigations in air traffic control.

The Box
http://news.bbc.co.uk/2/hi/in_depth/business/2008/the_box/
This site tracks the year-long journey of a shipping container as it travels around the world in an effort to illustrate the impact of a global economy.

Transportation and Logistics 2030 Report
http://www.pwc.com/gx/en/industries/transportation-logistics/tl2030.html
A report from PriceWaterHouseCoopers.
You can download a copy of the CIMC catalog at http://www.okcareertech.org/educators/cimc/catalog

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Printing Services | 405.743.5531 | www.okcareertech.org/printplant | printing@careertech.ok.gov

CLYOUUniverse.com | 800.654.4502