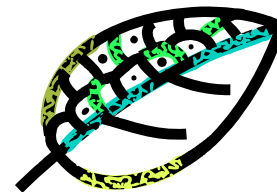
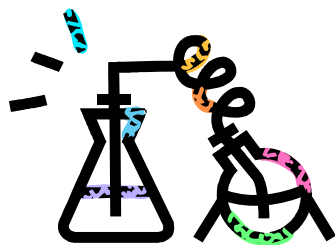
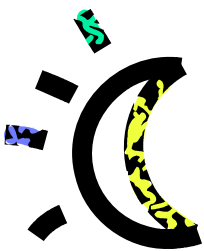


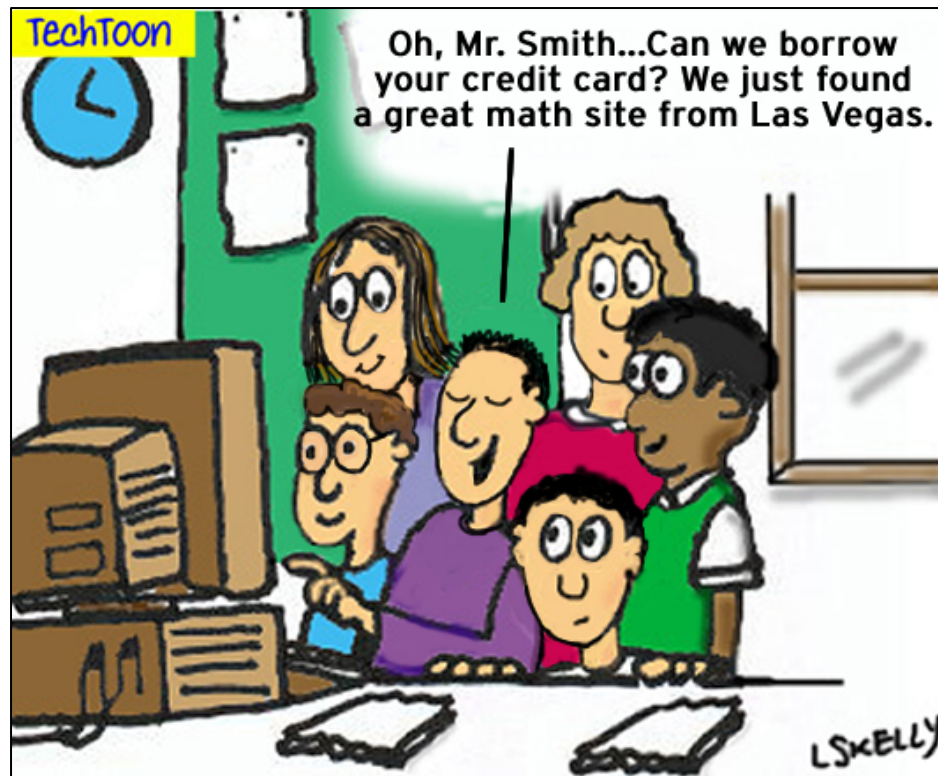


Camp Connect Science

Memphis City Schools



Welcome



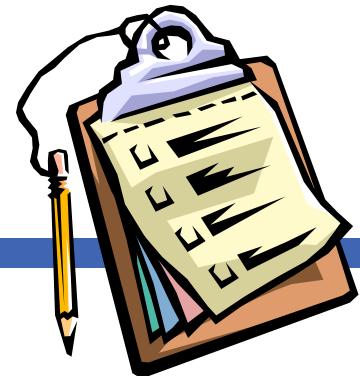
Camp Goal

*The goal of this workshop is to provide the resources, tools, technology skills and instructional strategies necessary to integrate technology into the daily **science curriculum** by concentrating on curriculum first, technology second.*



Camp Sessions

- Day 1:
Introduction to Tech Integration and Science
- Day 2:
Accessing and Using Teacher/Student
Internet Resources
- Day 3:
Integrating Student-based Science Activities
and Projects



Your Camp Tasks

- To create an online resources bank and an online student activity.
 - Filamentality
 - <http://www.kn.pacbell.com/wired/fil/>
- To create a classroom website.
 - Yola
 - <http://www.yola.com>

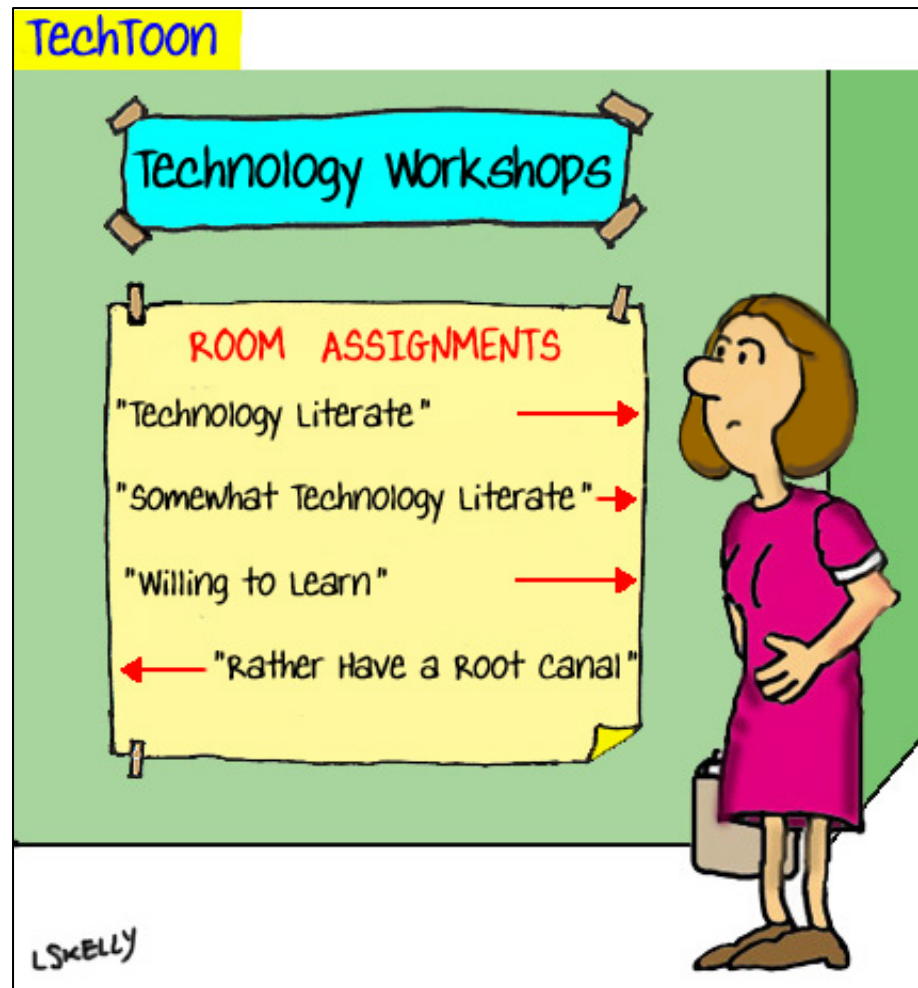


How Will This Be Achieved?

- Activities
- Templates
- Best Practices
- Online Resources
- Online tools
- And more...

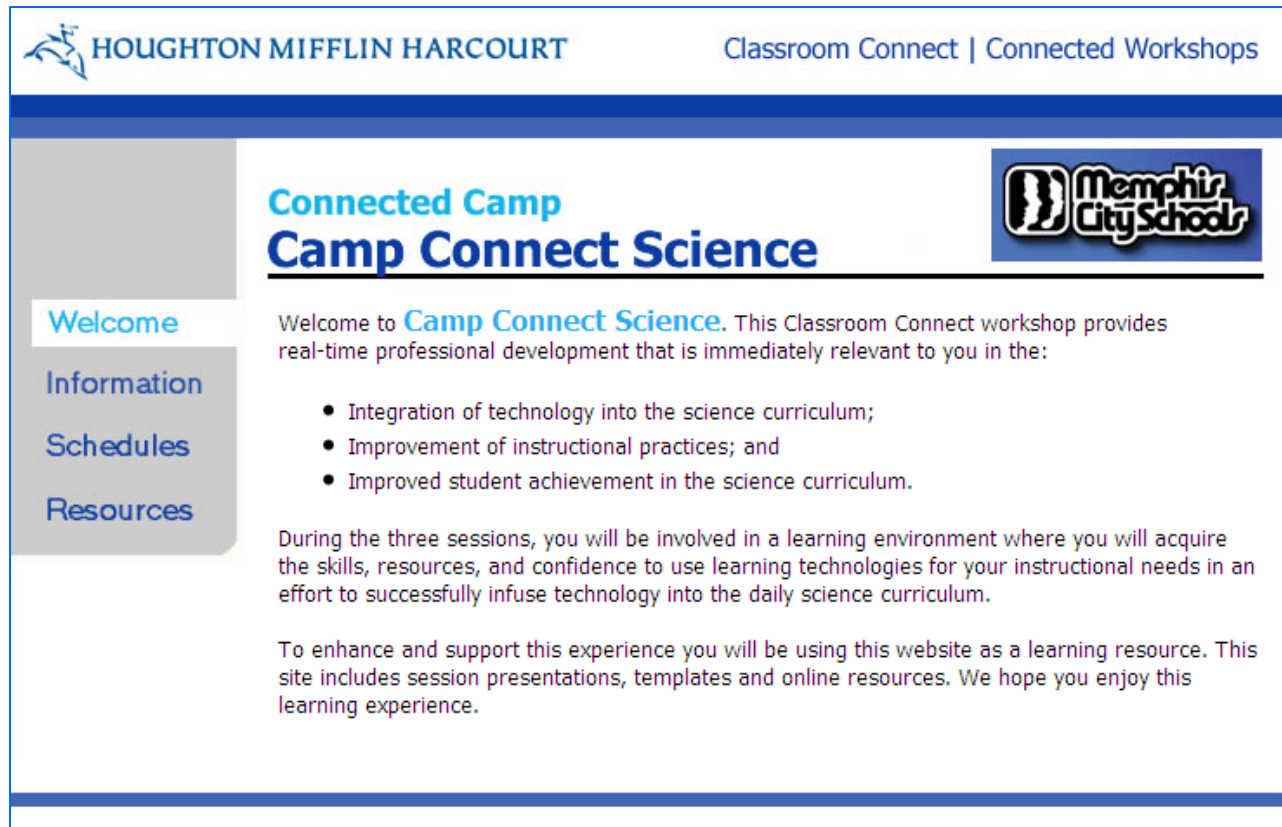


So Many Choices



Your Online Resource

- <http://cc.harcourt.com/workshops/memphis>



The screenshot shows the Houghton Mifflin Harcourt Classroom Connect website. At the top left is the Houghton Mifflin Harcourt logo and name. At the top right is the text "Classroom Connect | Connected Workshops". Below this is a navigation menu with "Welcome" selected, and "Information", "Schedules", and "Resources" as options. The main content area features the "Connected Camp" logo and the title "Camp Connect Science". A welcome message states: "Welcome to **Camp Connect Science**. This Classroom Connect workshop provides real-time professional development that is immediately relevant to you in the:" followed by a bulleted list of three points: "Integration of technology into the science curriculum;", "Improvement of instructional practices; and", and "Improved student achievement in the science curriculum." Below the list, a paragraph reads: "During the three sessions, you will be involved in a learning environment where you will acquire the skills, resources, and confidence to use learning technologies for your instructional needs in an effort to successfully infuse technology into the daily science curriculum." A final paragraph states: "To enhance and support this experience you will be using this website as a learning resource. This site includes session presentations, templates and online resources. We hope you enjoy this learning experience."

Big Picture

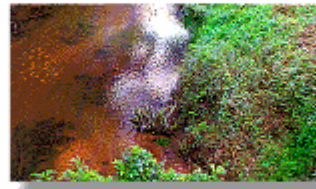


Online Curriculum Resources

- Franklin Institute: The Circle of Life
 - <http://www.fi.edu/tfi/units/life/living/living.html>



The Circle of Life



Daily Living

All life begins. Living things all have a moment at which they become "alive." That beginning of life marks the first point on the circle of life. Each family of living things has its own life cycle. Some organisms, like some fast plants, are born, mature, and die rapidly. Other organisms, like bristlecone pine trees, have life cycles lasting for thousands of years.

Online Science Resources

- NASA for Kids
 - <http://kids.msfc.nasa.gov/>
- NASA for Students (5-8)
 - <http://www.nasa.gov/audience/forstudents/5-8/features/index.html>



Virtual Museums

- Smithsonian Institute

- For students

- <http://www.smithsonianeducation.org/students/>

- For Teachers

- <http://www.smithsonianeducation.org/educators/>



Interactive Learning

- Annenberg Channel: Interactives
 - Strategies, content, and activities that enhance learning in a variety of curricular areas.
 - <http://www.learner.org/interactives>



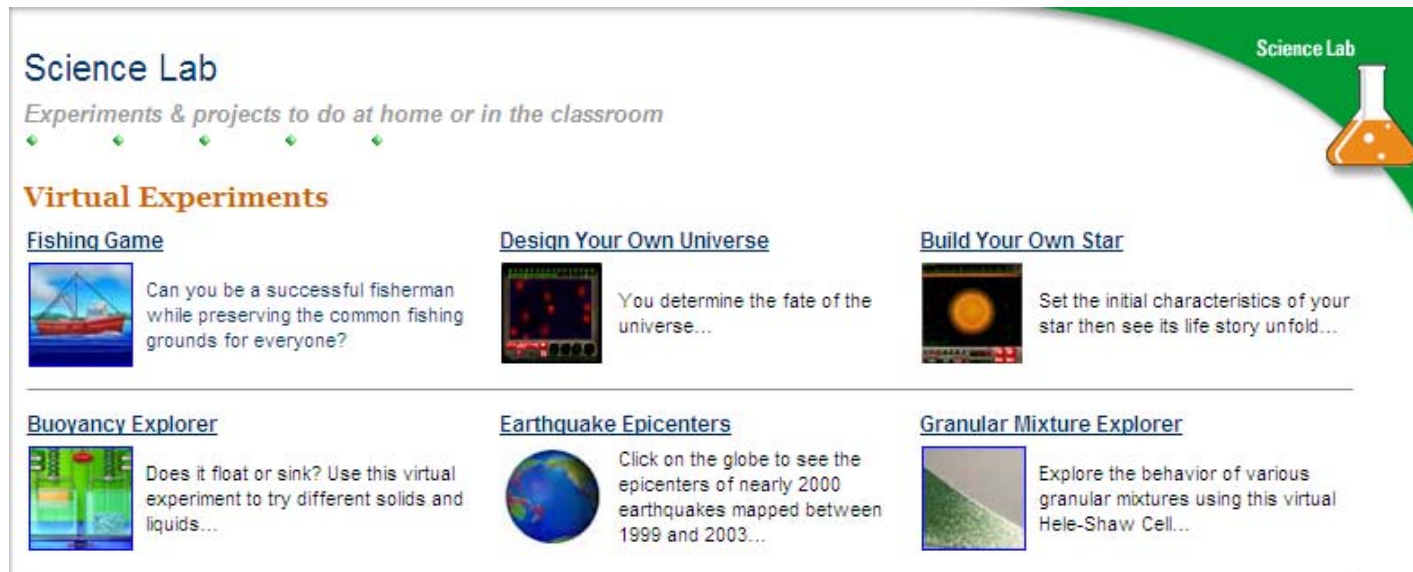
Virtual Experiments

- Schlumberger Labs

- <http://www.seed.slb.com/index.html>

- Laboratory

- http://www.seed.slb.com/science_sectionlanding.aspx?id=26652



The screenshot shows the 'Science Lab' section of the Schlumberger Labs website. It features a header with the text 'Science Lab' and 'Experiments & projects to do at home or in the classroom'. Below this, there is a section titled 'Virtual Experiments' with six interactive options arranged in a 2x3 grid. Each option includes a small image and a brief description.

Virtual Experiment	Description
Fishing Game	Can you be a successful fisherman while preserving the common fishing grounds for everyone?
Design Your Own Universe	You determine the fate of the universe...
Build Your Own Star	Set the initial characteristics of your star then see its life story unfold...
Buoyancy Explorer	Does it float or sink? Use this virtual experiment to try different solids and liquids...
Earthquake Epicenters	Click on the globe to see the epicenters of nearly 2000 earthquakes mapped between 1999 and 2003...
Granular Mixture Explorer	Explore the behavior of various granular mixtures using this virtual Hele-Shaw Cell...

Online Resources

- Refdesk.com
 - Online reference resources
 - <http://www.refdesk.com>

The screenshot shows the Refdesk.com homepage. At the top left is the Refdesk.com logo with the tagline "The single best source for facts on the Net". To the right is a banner for "WATKINS Network Marketing for 133 Years" with subtext "Work-from-Home Online or Offline In-demand Products" and "Open only to residents of the U.S. and Canada". Below the banner are links for "Refinance and save \$300", "Continue your education", and "Audio book club bonus".

The main content area is divided into three columns:

- Left Column:** "WELCOME PRIVACY POLICY DISCLAIMER" with a search bar for "Search the Web" (Google, alltheweb) and "Search Refdesk:".
- Middle Column:** "Site of the Day: Alex Catalogue of Electronic Texts" with a description of the site and links for "Free Online Tax Filing".
- Right Column:** "NAME BY TOP" and "SENTINEL POTENTIALS INT Knowledge at Your Service" with a date "Fri, Jan 17, 2003" and a list of "Top Stories" including "U.S. To Make 'Clear Case' For War - CBS" and "CDC Says Smallpox Plan Ready to Go - Reuters".

At the bottom of the page, there are links for "Click to Support Refdesk" and "Visit Our Advertiser: Support Refdesk | Advertise on Refdesk".

Online Experiments

- EdHeads
 - Virtual learning
 - <http://www.edheads.org/index.htm>

The screenshot shows the Edheads website interface. At the top left is the Edheads logo with the tagline "Activate Your Mind!". To the right is a "Support Edheads. DONATE!" button and a "Choose an Activity!" dropdown menu. Below the logo is a "Featured Activities" section with icons for "THE ODD MACHINE", "Virtual Knee Surgery", "weather", and "SIMPLE MACHINES". There are also links for "Read about Interesting People" and "Free In-Class Lesson Plans". Below that is a "Edheads is sponsored by:" section featuring the Zimmer logo and a link to "Learn how you can become a sponsor". On the right side, there is a main content area with the text "Edheads brings you high quality, free educational activities for your classroom" and a news item: "***Edheads Launches Virtual Hip Surgery***". The news item includes a link to "Edheads Virtual Hip Surgery is ready, are you? Grab that insertion device, dig up the ol' scalpel, and don't forget to bring your bovie!". Below the news item is a "Virtual Hip Surgery" button. At the bottom of the main content area, there is a "Choose The Prosthetic" button and a short paragraph: "Choose the prosthetic now online... A new activity based on Virtual Knee Surgery where you, the successful Surgical Resident decipher X-Rays and charts in order to 'Choose the Prosthetic!' You'll laugh. You'll cry... You'll choose the prosthetic!"

Online Learning for Students

- Exploratorium
 - <http://www.exploratorium.edu>

exploratorium
the museum of science,
art and human perception

SEARCH hockey

EXPLORE EDUCATE VISIT PARTNER SHOP

Tuesday, June 1st, 2004

SCIENCE OF MUSIC
Explore the science of music, through online exhibits, movies, and questions.

SPORT SCIENCE
Get into gear for the Summer Olympics with [The Science of Cycling](#).

TRANSIT OF VENUS
Learn about the [transit of Venus](#) - what it is, what you'll see, and why it's important.

MICROSCOPE IMAGING STATION
Explore living cells and embryos at our [Microscope Imaging Station!](#)

SHOP
New in our online store! [The Transits of Venus](#).

ORIGINS
Explore the places, people, tools, and ideas behind the [origins](#) of matter, the universe, and life itself.

LIVE WEBCASTS
Recent Webcasts:
• [Iron Science Teacher](#)
• [Try This!](#)
• [Journey to Mars](#)
• [Archived Webcasts](#)

TAKE A LOOK!
• [Current Weather](#)
• [Roof Cam](#)
• [Exhibit Cam](#)

WHAT'S NEW?
We Won! [Webby Awards](#)
• New [Press Office](#)
• Sign up for [eNews](#)

GET INVOLVED
• [May is Members Month!](#)
• [Become a Member](#)
• [Summer Camp](#)
• [Make a Donation](#)
• [Volunteer!](#)

• Discover the physics of kid-flips and noselides in [Skateboard Science](#).

[About Us](#) | [Donations](#) | [Membership](#) | [Privacy Policy](#) | [Use Policy](#) | [Contact Info](#)
© Exploratorium | The museum of science, art and human perception

Virtual Math Manipulatives

- National Library of Virtual Manipulatives
 - <http://nlvm.usu.edu/en/nav/vlibrary.html>

The screenshot shows the website header for the National Library of Virtual Manipulatives. It includes the site title, a link to learn more about the NLVM CD, the Utah State University logo, and a navigation menu with options: Home, Virtual Library, Site Info, eNLVM, Buy CD!, a search box, and a Search button. Below the navigation is a table with a grid of subject categories and grade levels. The grid has columns for Index, Pre-K – 2, 3 – 5, 6 – 8, and 9 – 12. The rows are for Number & Operations, Algebra, Geometry, Measurement, and Data Analysis & Probability. An illustration of a woman and two children at a computer desk is overlaid on the grid. At the bottom, there is a copyright notice for 1999-2006 Utah State University and a language selection dropdown menu set to English.

Index	Pre-K – 2	3 – 5	6 – 8	9 – 12
Number & Operations				
Algebra				
Geometry				
Measurement				
Data Analysis & Probability				

© 1999-2006 Utah State University. All Rights Reserved.
Credits | Contact | Language: English ▾ ▶

Online Generators

- 4teachers.org
 - Teachers' resources and tools site
 - URL: <http://4teachers.org/>

The screenshot shows the homepage of 4teachers.org. The header includes the site logo, navigation links (Home, Tools, Integrating Technology, Professional Development, ALTEC, Contact Us, 4Teachers en Español), and the tagline "The Online Space for Teachers Integrating Technology into the Classroom".

The main content area is divided into three columns:

- 4Teachers**: A paragraph describing the site's mission to provide free online tools and resources for teachers and students. It also lists categories like "Integrating Technology" and "Professional Development" with sub-links.
- Tools For Teachers**: A list of tools with icons and brief descriptions:
 - Equity Index**: Local resources and tools for diverse classrooms.
 - RubiStar**: Customized rubrics in English and Spanish.
 - TrackStar**: Thousands of online lessons or quick creation tools.
 - QuizStar**: Online quizzes with multimedia options.
 - Assign-A-Day**: Online class calendar with hyperlinks and projects.
 - Casa Notes**: Assemble take-home notes in English and Spanish.
 - PBL Checklists**: Custom checklists for multiple projects.
 - R*TEC Teacher**: Locate top-rated Tracks, WebQuests, and ThinkQuests.
 - Web Worksheet Wizard**: Create simple web pages quickly.
- Google Links**: A sidebar with links to various educational resources like "Teaching Resources", "Classroom Management SW", and "Classroom Management Tips".

Training (Latest Technologies)

- Teacher Training Videos
 - <http://www.teachertrainingvideos.com/>
 - Videos for teachers

Teacher Training Videos

General Teacher Training Videos
Home
Second Life L1
Second Life L2
How to use Blackboard
How to use iTunes to get podCasts
24 Tips For Powerpoint
How to create blogs
How to do better searches on the Internet

Teacher Training Videos

These videos were created for teachers to help them to incorporate technology into their teaching. My own background is in teaching English, so some of the sites are specific to ELT and are grouped separately. The rest are for all teachers and there is also a section for those interested in more difficult multimedia products like Flash and Director.



Simply click on a topic and a page will appear with a large menu on the left hand side. The videos will start playing straight away or you can click on a specific topic to know about it. My suggestion is that you open up the tool you want to learn so you can jump between using the tool and watching the videos. Just click on one of the topics on the left hand side. The page might take a few seconds to load, be patient and I think you will find they are very useful.

Look out for the new videos on Moodle, Facebook & social networks and 2nd Life. Feel free to email me if you have any suggestions for more training videos.

Newsletter

To subscribe free to my newsletter for updates on new videos, please enter your email address:

Recommended Books



Any Questions?

Houghton Mifflin
Harcourt

<http://www.hmlt.hmco.com/>

