



# Science & Technology Integration

**Presented by Jim Dolan**

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**Presentation materials available at:**

[www.mtsd.k12.nj.us/science](http://www.mtsd.k12.nj.us/science)

# Science & Technology Integration

**Things you can use now**

**Things you can use later**

**Things to consider for the future**

**Teacher Productivity**

**Student Productivity**

**Many of the practices can be used across disciplines**



**Simple**

**Challenging  
More Planning**



# Evaluation



**Jim Dolan**



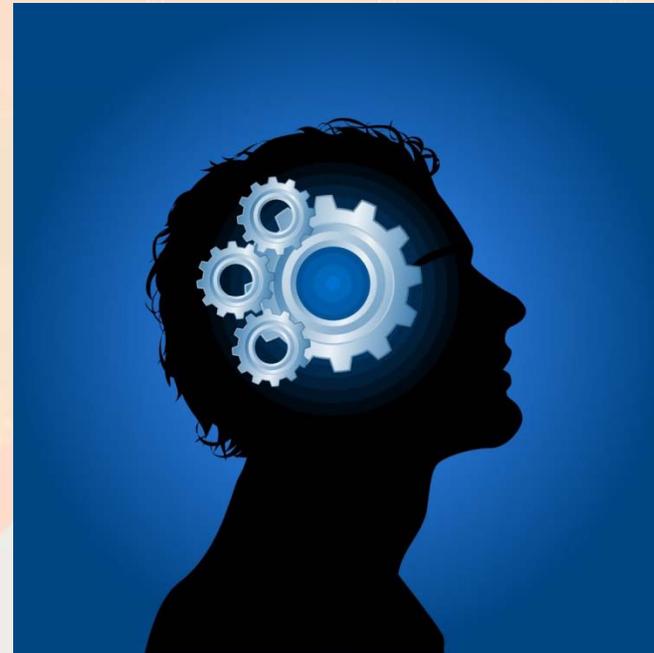
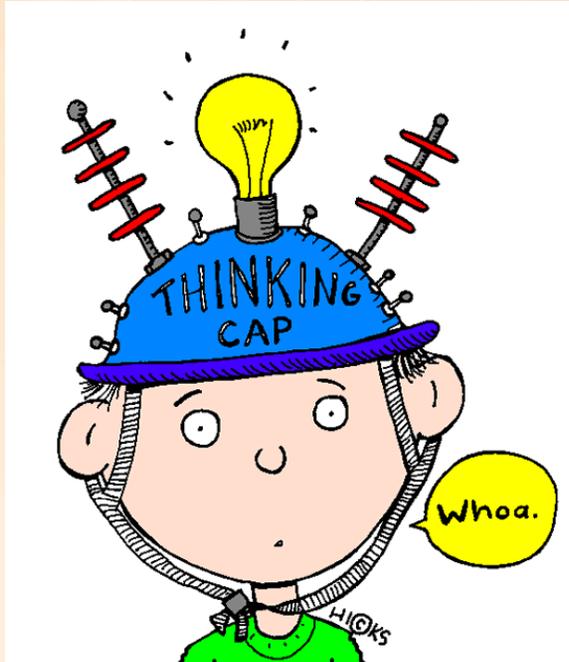
**Rod Blagojevich**



Think before we jump into Technology

Consider **Why?**

Consider our **Students**



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# Pressing Need

American 4th-grade students  
score lower than their  
counterparts in Japan, Canada,  
England, and Russian



# Why Integrate Science and Technology?

- **Technology tools enhance science learning**
- **Science and technology integration address 21st century skills**
- **Science and technology integration are powerful partners in meeting standards**

# 21st Century Skills

- **Personal and social responsibility**
- **Planning, critical thinking, reasoning, and creativity**
- **Strong communication skills**
- **Cross-cultural understanding**
- **Visualization and decision-making**
- **Knowing how and when to use technology**



**Our students have changed  
radically**

**Students are no longer the people  
our educational system was  
designed to teach**



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**Today's students represent the first generation to grow up with this new technology**



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# They have spent their entire lives surrounded by and using

- Computers
- Videogames
- Digital music players
- Web cams
- Cell phones
- And all the other toys of the digital age



**College grads have spent less than 5,000 hours reading**

**But over 10,000 hours playing video games (not to mention 20,000 hours watching TV).**



**Computer games, email, the Internet, cell phones and instant messaging are integral parts of their lives.**



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**As a result, students think and process information much differently**



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# Teachers Have Important Jobs

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Which of the following is the largest?

•A: A Peanut

•B: An Elephant

•C: The Moon

•D: A Kettle

# ELEPHANTS

Larger than the moon



Best Wishes Suzanne

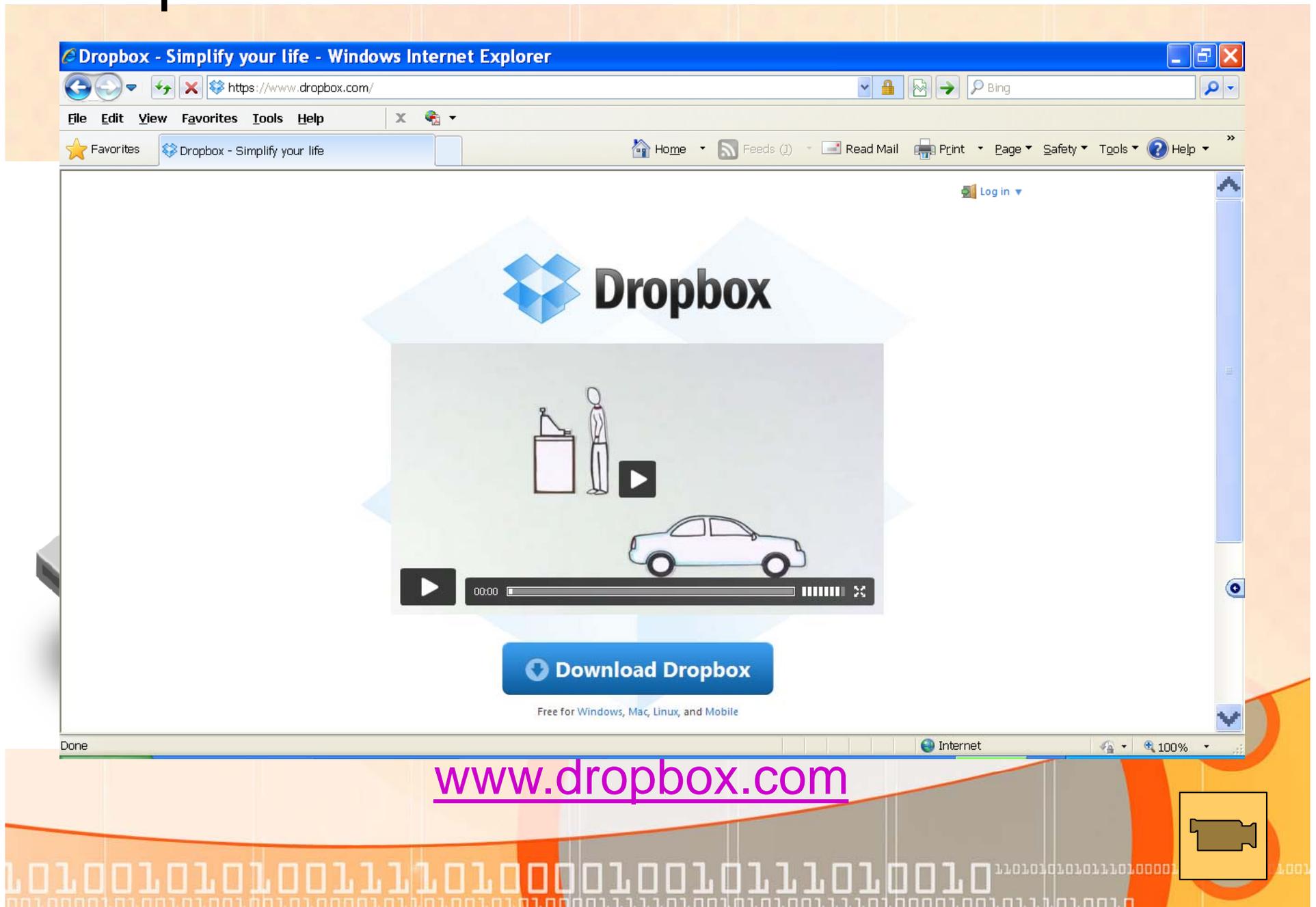
Under Neat that

We will Miss you

# Science Integration

- **Dropbox.com**
- **Answers.com**
- **Pre & Post assessment -Wordle**
- **Observe, Document, Assess-**
  - **Digital Cameras- Video**
- **Interactive Web Sites**
- **Google Earth**
- **Collaborate**
- **Virtual Fieldtrips**

# Dropbox



The image shows a screenshot of the Dropbox website as it appeared in a Windows Internet Explorer browser window. The browser's title bar reads "Dropbox - Simplify your life - Windows Internet Explorer". The address bar shows the URL "https://www.dropbox.com/". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The status bar at the bottom of the browser window displays "Done" on the left and "Internet" on the right, along with a 100% zoom level.

The main content of the webpage features the Dropbox logo (a blue cube) and the word "Dropbox" in a large, bold, black font. Below the logo is a video player with a play button and a progress bar showing "00:00". The video content includes a person standing next to a desk with a computer, and a car. Below the video player is a prominent blue button with a white download icon and the text "Download Dropbox". Underneath this button, it says "Free for Windows, Mac, Linux, and Mobile".

At the bottom of the page, the URL [www.dropbox.com](http://www.dropbox.com) is displayed in a purple font. In the bottom right corner, there is a small icon of a printer.

# Answers.com

[http://www.answers.com/main/download\\_answers\\_win.jsp](http://www.answers.com/main/download_answers_win.jsp)



**Answers.com™** Options >> Read more >>

Match: **Mona Lisa** and [others](#).

**Mona Lisa, Artist's Model**

- **Born:** 1503
- **Birthplace:** Florence, Italy
- **Best Known As:** Famous portrait by Leonardo da Vinci



The Mona Lisa is a famous 16th-century portrait by [Leonardo da Vinci](#). The Mona Lisa's mysterious smile has beguiled generations of viewers, but the true identity of the woman pictured in the portrait remains unknown, despite intensive research by art

[View Poster](#)

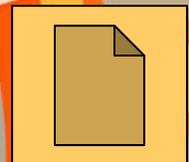
AnswerTips™ - enable your site - [click here](#)

Thus the **Mona Lisa** is known in Italy



Press the Alt key on your keyboard      Click the left mouse button

**Answers.com®**



# Wordle

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# Wordle (*Word Clouds*)

- A tool for generating “word clouds” from text that you provide
- The clouds give greater prominence to words that appear more frequently in the source text
- You can tweak your clouds with different fonts, layouts, and color schemes
- The images you create with Wordle are yours to use
- You can print them out, or save them to the Wordle gallery to share with your friends

<http://www.wordle.net/>

**Wordle**<sup>TM</sup>





# Create Your Own Wordle

Wordle - Create

Wordle™

Home

Create

Gallery

Credits

News

Forum

FAQ

Advanced

Paste in a bunch of text:

Go

OR

Enter the URL of any blog, blog feed, or any other web page that has an Atom or RSS feed.

Submit

**Print  
Screen  
SysRq**

<http://www.wordle.net/>

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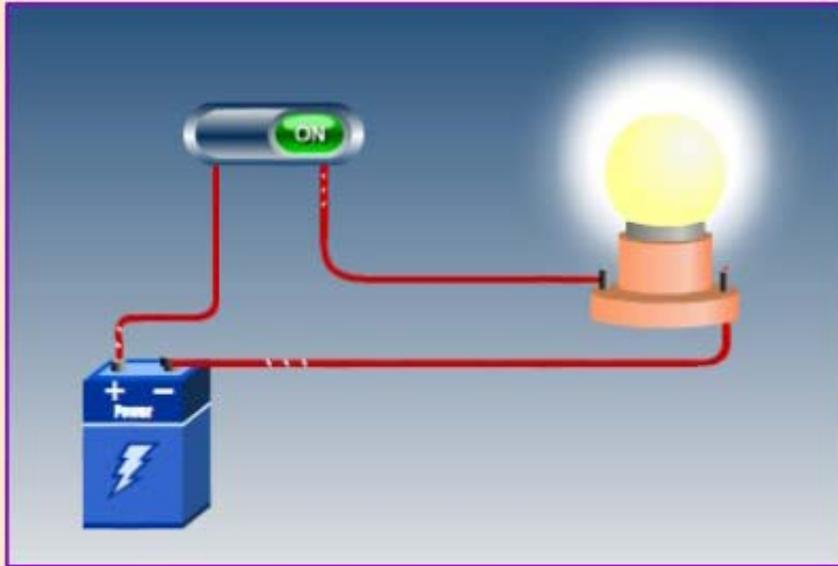
# Edit and Present

Edit Language Font Layout Color

**BLOGS** VIDEO **WIKIS**  
GOOGLE **CONCEPT**  
PODCAST ACCOUNTS  
MAPPING  
DOCS **SOFTWARE**  
EMAIL



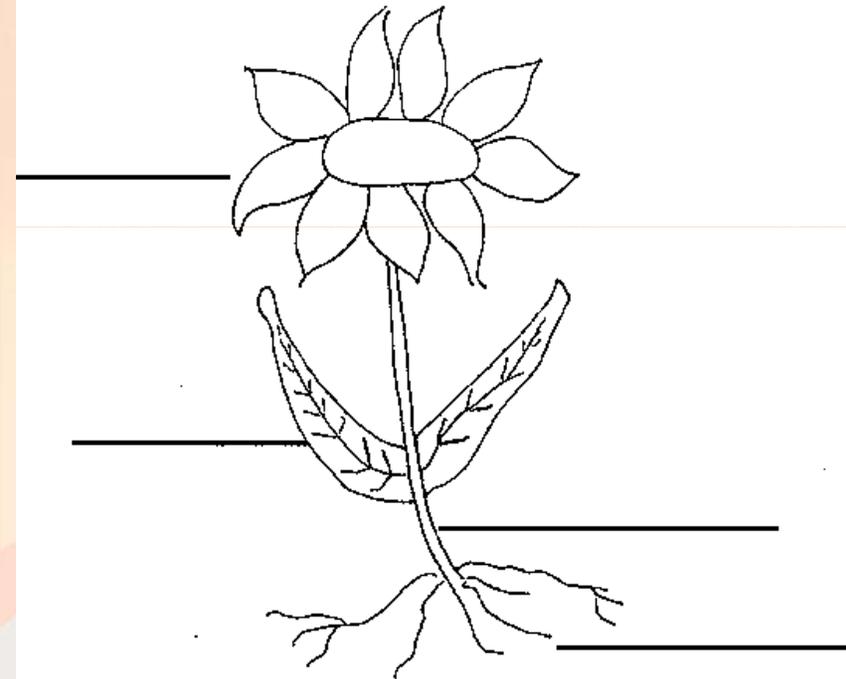
# Picture Prompt



## Plant Parts

Can you fill in the blanks with the correct words?

stem flower leaf roots



Name: \_\_\_\_\_

# Picture Prompt



# Additional Word Cloud Web Sites

[www.wordle.net/](http://www.wordle.net/)

[www.tagxedo.com](http://www.tagxedo.com)

[www.tagcrowd.com](http://www.tagcrowd.com)

[www.worditout.com](http://www.worditout.com)

[www.tocloud.com](http://www.tocloud.com)

**We choose to go to the Moon!** (*Paste Text*)

<http://www.mtsd.k12.nj.us/Page/7096>

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# Digital Cameras





# SAY CHEESE!



- Kids love gadgets, so why not use them in the classroom?
- Used to gather evidence in scientific experiments
- Project include collecting insects/plants/rocks, documenting seasons, recording group progress, or describing stages of cycles
- Helps with scientific methods and improving familiarity with technology





# Digital Cameras



- **Display Pictures using PowerPoint**
- **Used in conjunction with an LCD projector**
- **Search for Images (Internet/Clipart)**
- **Copy, Paste, Save**



# Document Science

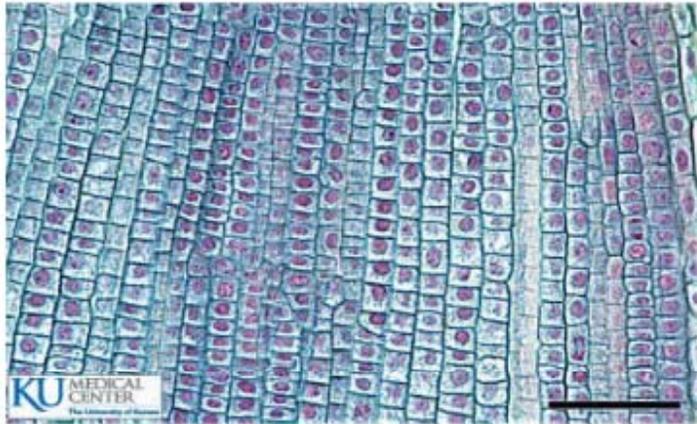
- *Print, Post, Share, Discuss, Document*



# Document Cameras



# Display Images



Cells in the tip of an onion root



# Dissection

- **Some document cameras allow you to record the dissection to save, share, & publish**
- **Works well when there are not enough for the entire class**



# Show Models



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# Plant Parts and Growth

- Students can view and identify plant parts
- They can also label a diagram at their desks

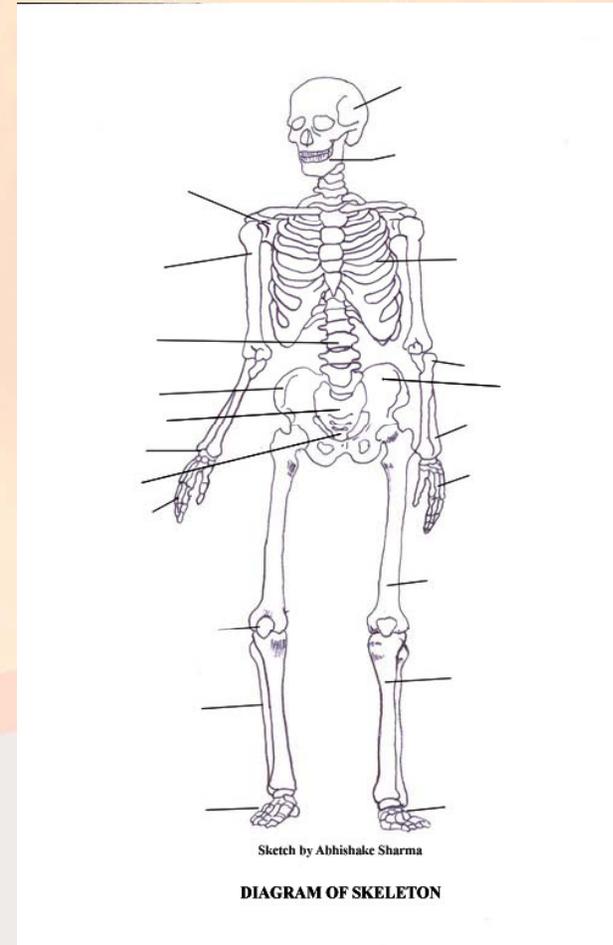
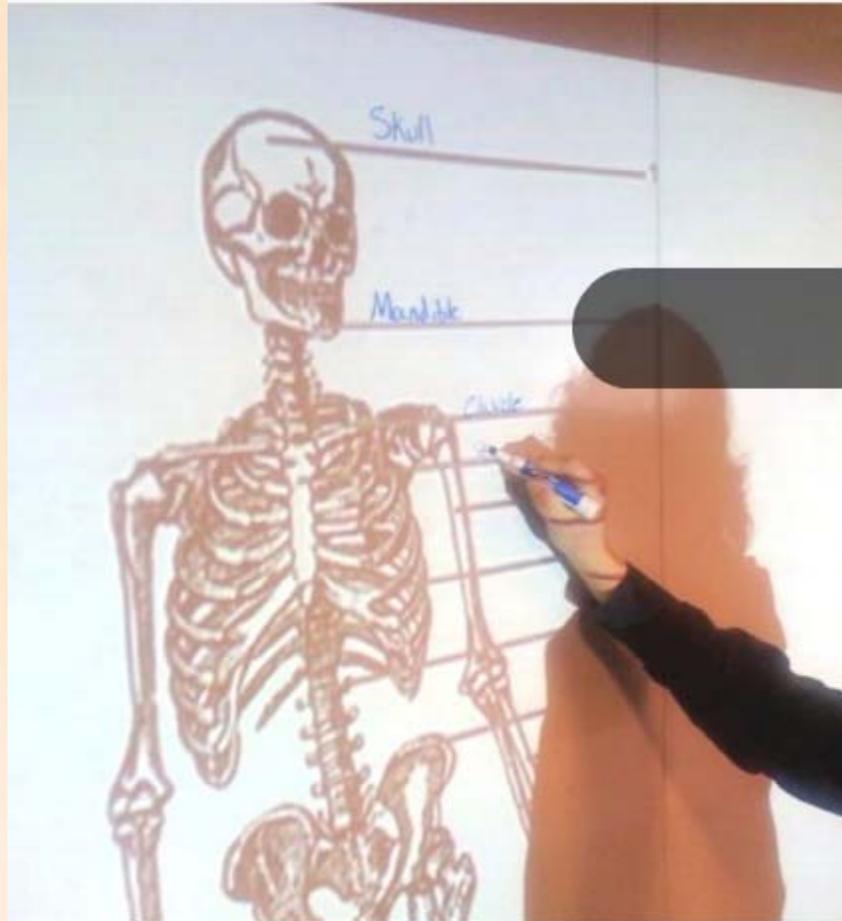


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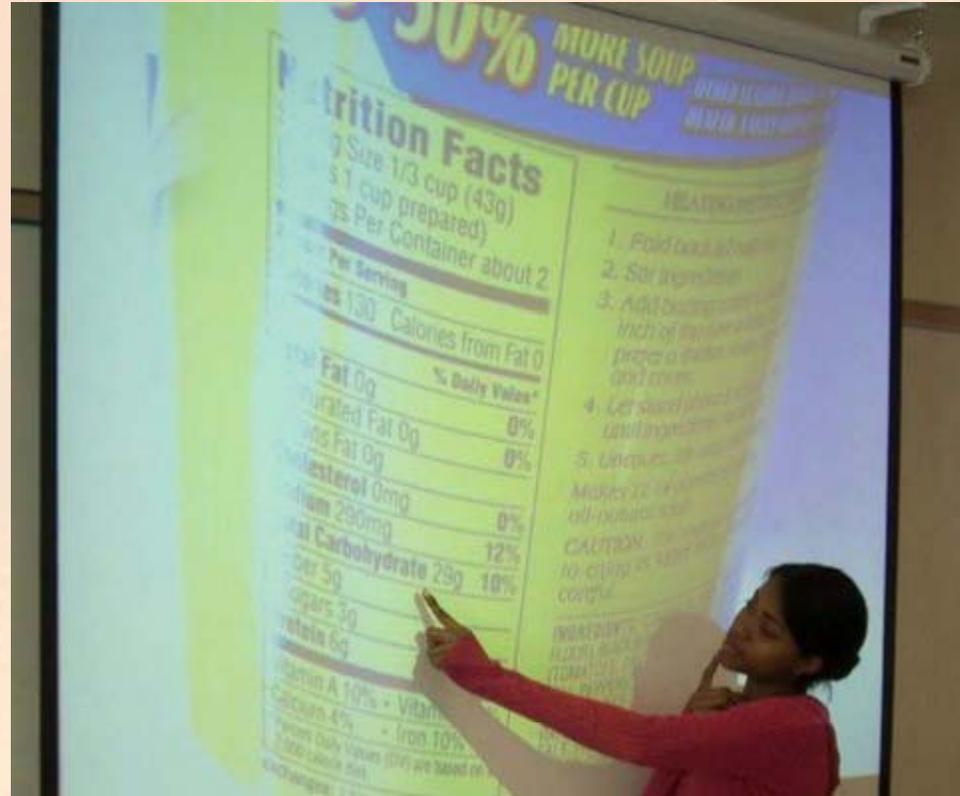
# Fill in Maps/Diagrams (Geology)



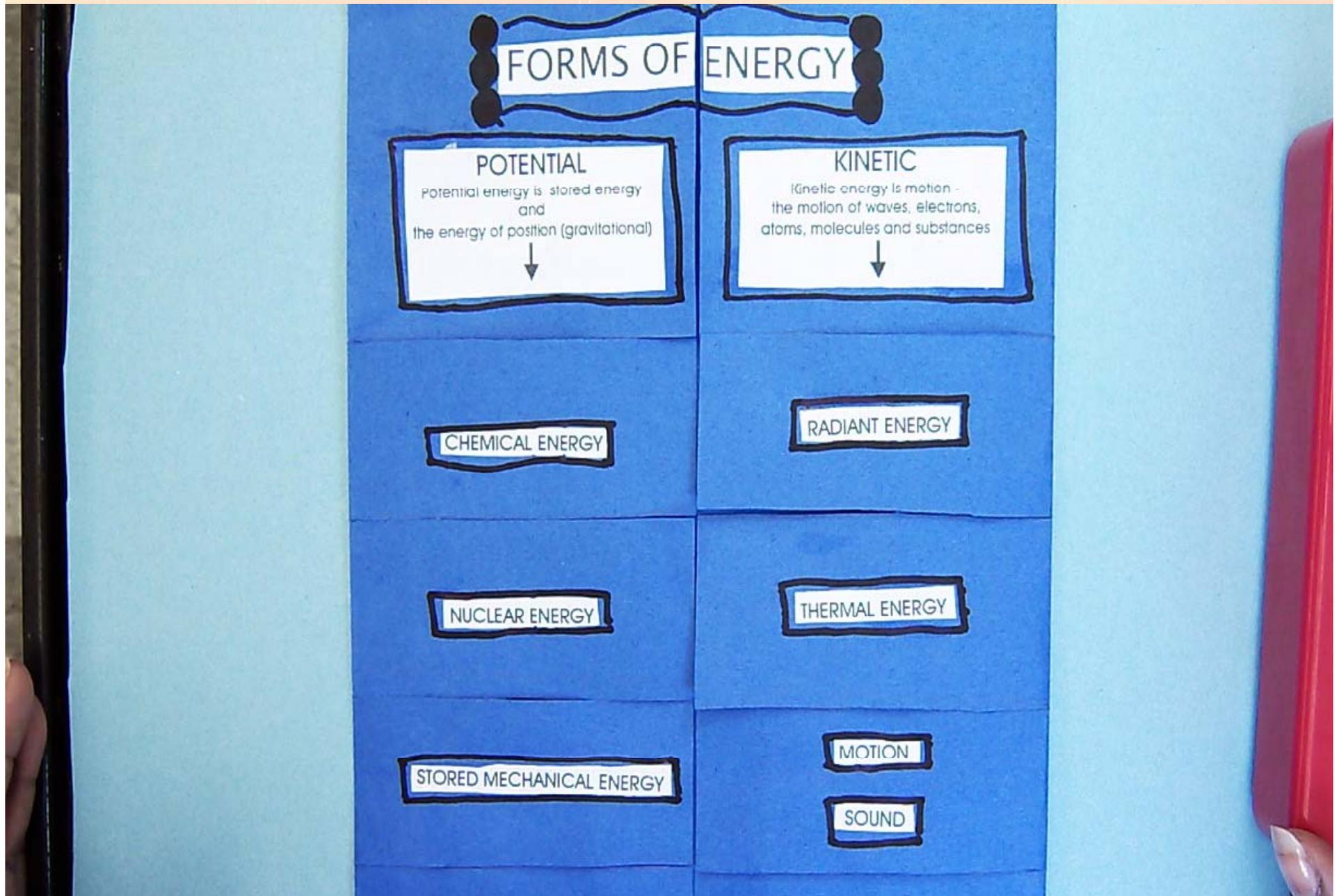
# Diagram



# Nutrition



# Share Projects



# ENERGY

## KINETIC

Kinetic energy is motion - the motion of waves, electrons, atoms, molecules and substances



Chemical energy is the energy stored in the bonds of atoms and molecules. Biomass, petroleum, natural gas, propane and coal are examples of stored chemical energy.



Nuclear energy is the energy stored in the nucleus of an atom - the energy that holds the nucleus together. The nucleus of a uranium atom is an example of nuclear energy.



Stored mechanical energy is energy stored in objects by the application of a force. Compressed springs and stretched rubber bands are examples of stored mechanical energy.



MOTION

ENERGY

# Videos

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# Video Sites (Free)

- Sites where teachers can post videos designed for students to view in order to learn a concept or skill



# Video Web Sites

<http://www.youtube.com>

<http://www.teachertube.com>

<http://www.schooltube.com>

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

<http://video.search.yahoo.com/>

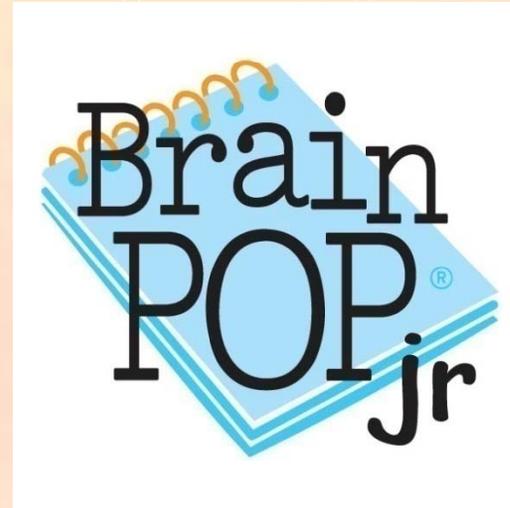
<http://video.google.com/>

<http://www.stevespanglerscience.com/video>



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# Video Sites (Fee)



[www.brainpop.com](http://www.brainpop.com)

<http://streaming.discoveryeducation.com/>



# Download Videos (Realplayer)

RealPlayer

Real Guide Music Movies Games

Real Blog Follow on Twitter Facebook Fan Page

RealPlayer RealPlayer Plus Features Tour

Download video from thousands of Websites with RealPlayer SP

Get the latest RealPlayer SP

RealPlayer® SP lets you download video from thousands of Web sites - free! Just click on the "download this video" button above the video you want. It's just that easy. And now, you can trim your videos to share what matters most with your friends on Facebook, MySpace, YouTube and Twitter.

Simple Video Editing

Download This Video

RealPlayer SP installations  
**108,918,895**

Now available for Mac

Alternate Versions: Mac | Linux System Requirements

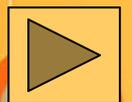
Compatible with Windows 7

RealPlayer SP  
Free Download  
1.1 for Windows (20.1 MB)

<http://www.real.com/realplayer/>

<http://www.stevespanglerscience.com/video>

<http://www.mtsd.k12.nj.us/Page/7092>



# Shoot your own video (Tornado)

*(Museum of Science and Industry)*



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# Animoto

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# Animoto (Tell a Digital Story)

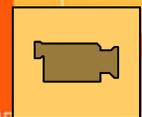
- **Select photos, video clips, text, and music, and Animoto will produce a short video**
- **Can upload the video to YouTube, Facebook, and other sites**
- **Making 30-second videos is free!**
- **Teachers can apply for a free Animoto Plus account, giving them access to more features**

[www.animoto.com](http://www.animoto.com)



# Take a Virtual Field Trip

## Google Earth



# Shoot your own video

*(Museum of Science and Industry)*

**Google Earth lets you fly anywhere on Earth to view satellite imagery, maps, terrain, 3D buildings and even explore galaxies in the Sky. You can explore rich geographical content, save your toured places and share with others.**

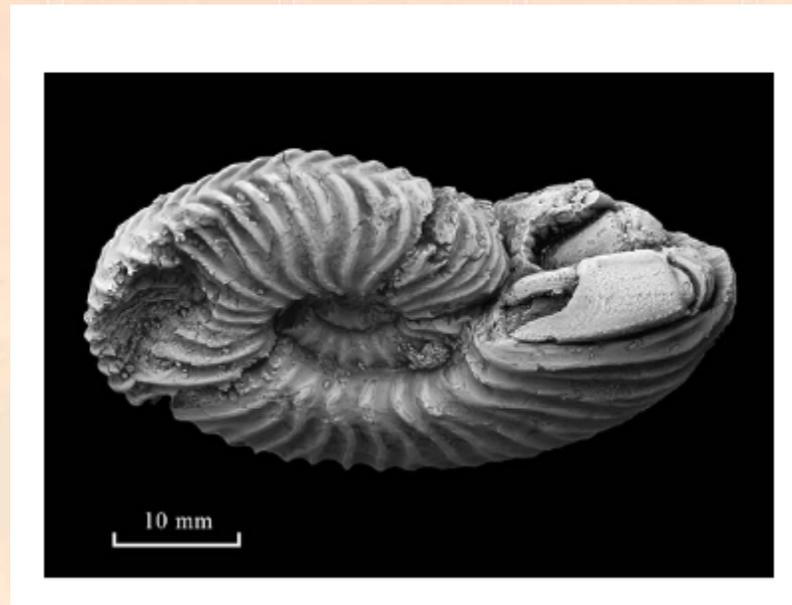
<http://earth.google.com/>

**Don't have time to install Google earth or can't-  
Use the web site version below.**

<http://www.google.com/earth/explore/products/earthview.html>



# Fossil Dig (Virtual)



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# Fossil Dig

- ***Travel to our location via Google Earth***
- ***Calculate distance***
- ***Examine fossil samples using a microscope***
- ***Link to the web site***

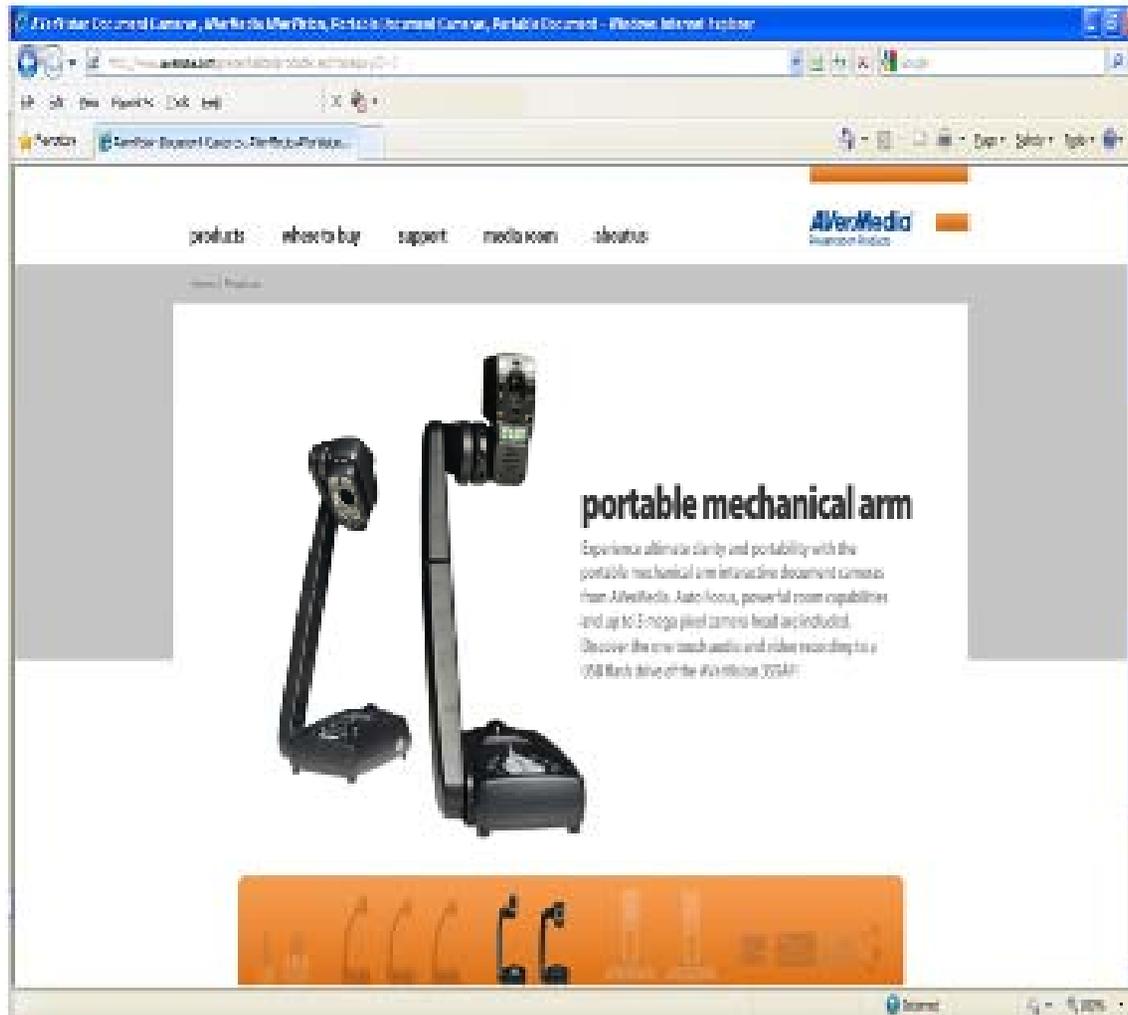


<http://poricypark.org/>

[http://en.wikipedia.org/wiki/Poricy\\_Park#Fossils](http://en.wikipedia.org/wiki/Poricy_Park#Fossils)







<http://paleobiology.si.edu/dinosaurs/interactives/dig/dinodig.html>



# Smartboard Activities

- <http://exchange.smarttech.com/#tab=0>

The screenshot shows the SMART Exchange website interface. At the top, the browser title is "Lesson plans and resources for your SMART Board - SMART Exchange - Windows Internet Explorer". The address bar shows the URL "http://exchange.smarttech.com/#tab=0". The website header includes the SMART logo, the text "SMART Exchange", and a tagline "Find Lesson Plans for Your SMART Board and Connect with Teachers". Navigation tabs include "Search", "Share a Resource", "Standards-Related Lessons", "Community", and "Training". A search bar is labeled "Search All Resources" with the subtext "Lessons, images, web pages and more." Below this is a "Browse by:" section with filters for "Subject(s)", "Grade(s)", and "File Type". The "Subject(s)" filter is expanded, showing categories like Art and Design, English Language Arts, ICT, Other, Citizenship, Geography, Mathematics, Science, Cross-curricular, Health and Physical Education, Modern Foreign Languages, Social Studies, English as a Second Language, History, Music, and Special Education. There are also sections for "Top Downloads" and "Recently shared" with various lesson thumbnails.



**Frog Dissection**



# Elementary Web Sites

## **Fact Monster**

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

## **Yahoo Kids**

<http://kids.yahoo.com/>

## **Ask Kids**

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

## **Dib Dab Doo**

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

## **Tek Mom**

<http://www.tekmom.com/search/index.html>

## **Eduscapes**

<http://eduscapes.com/sessions/experience/first.html>



# Early Elementary Web Sites

## **Science Learning Games**

[http://www.learninggamesforkids.com/weather\\_games.html](http://www.learninggamesforkids.com/weather_games.html)

## **Enchanted Learning**

<http://www.enchantedlearning.com/categories/science/>

## **Eduscapes**

<http://eduscapes.com/sessions/experience/first.html>



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# Science Interactive Web Sites

## **Cells Alive**

[http://www.cellsalive.com/toc\\_cellbio.htm](http://www.cellsalive.com/toc_cellbio.htm)

## **Molecular Biology**

<http://www.sumanasinc.com/webcontent/animations/molecularbiology.html>

## **Element Concentration**

<http://education.jlab.org/elementconcentration/index.html>

## **Hubble Nebula Videos**

<http://hubblesource.stsci.edu/sources/video/clips/details/orion.php>

## **Periodic Table**

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

## **Water and More**

<http://www.johnkyrk.com/H2O.html>

## **Create a Graph**

<http://nces.ed.gov/nceskids/createagraph/default.aspx>

## **Dinosaur Dig**

<http://paleobiology.si.edu/dinosaurs/interactives/dig/dinodig.html>



# Science Images, Video, Sound

## **Teacher's Domain for Science:**

<http://www.teachersdomain.org/collection/k12/sci/>

## **Science Photo Library:**

[www.sciencephoto.com](http://www.sciencephoto.com)

## **Library of Congress Science Reference Services:**

<http://amser.org/index.php?P=AMSER--ResourceFrame&resourceId=6115>

## **NASA eClips:**

<http://www.nasa.gov/audience/foreducators/nasaclips/index.html>



# More Multimedia Resources

**Copyright Clarity, Renee Hobbs:**

**<http://mediaeducationlab.com/copyright>**

**Endless Web 2.0 Links for Digital Storytelling:**

**<http://cogdogroo.wikispaces.com/StoryIdeas>**

**Royalty Free Resources:**

**[http://digitalstorytelling.coe.uh.edu/public\\_domain.html](http://digitalstorytelling.coe.uh.edu/public_domain.html)**

**WCS Summer Technology University:**

**<http://wcsummertechnologyuniversity.blogspot.com/>**



# More Resources!

**Making Science Fun:**

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

**Succeeding with Science:**

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

**11 Science Resources:**

<http://www.freetech4teachers.com/2011/01/11-science-resources-to-try-in-2011.html>



# Collaboration



## Web 2.0



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# Collaboration

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# Collaborate

**Merriam-Webster defines collaboration as: to work jointly with others or together especially in an intellectual endeavor**



# Collaborate with Other Schools

Teachers and students can develop working relationships with other schools around the country or world on various topics/subjects



# Collaborating

- **All grade levels**
- **All curriculum areas**
- **Local, National, Global Projects**

## **Global Schoolhouse**

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

## **Stevens Institute of Technology**

<http://www.k12science.org/currichome.html>

## **International Education And Resource Network**

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

<http://media.iearn.org/projects>



# Videoconferencing (*Polycom*)



Polycom ViewStation Unit



Microphone Pod

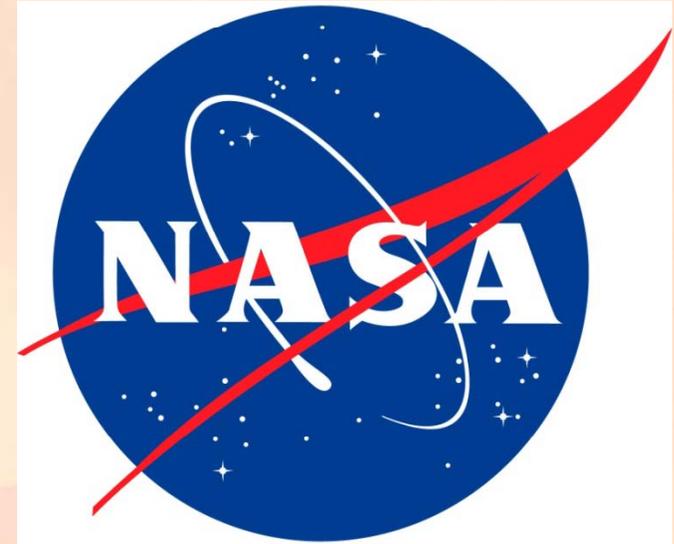


ViewStation Remote Control





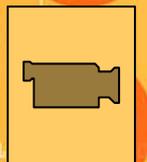
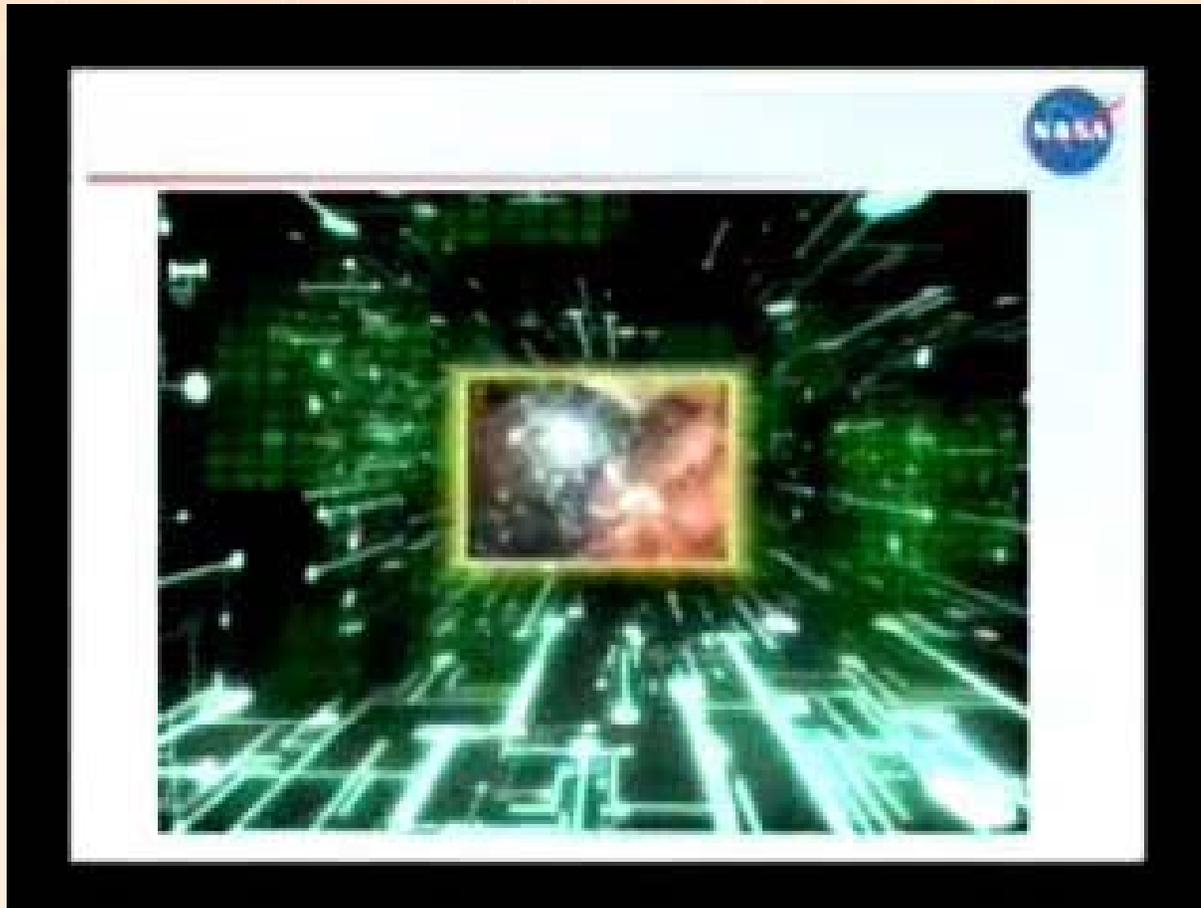
# NASA



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# NASA's Distance Learning Network

<http://www.nasa.gov/offices/education/programs/national/dln/index.html>



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# Videoconferencing (*Skype*)

Video Calls - Free Video Calls - Skype - Windows Internet Explorer

http://www.skype.com/intl/en-us/features/allfeatures/video-call/

File Edit View Favorites Tools Help

Buy Credit Sign In Join Skype

skype Features Get Skype Prices Accessories Business Support Special offers Search

## Video calling on Skype

Talk face-to-face with live video for Free

Get Skype

See how easy it is to make video calls with Skype

Video on Skype – bringing you even closer together

- 

**Share the moment**  
A special event, that new outfit, some stunning scenery, the big game... Free video calling\* on
- 

**Read the kids a bedtime story**  
Dad away on business, grandparents abroad – make bedtime special. Be there even when
- 

**Collaborate and save on travel**  
Share ideas, meet new team members, minimise the cost and time of unnecessary

Done Internet 75%

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# Skype Education



The screenshot shows the Skype Education website in a Windows Internet Explorer browser window. The browser's address bar shows the URL <http://education.skype.com/>. The page title is "Welcome to Skype in the classroom | Skype Education - Windows Internet Explorer". The website header features the "skype in the classroom" logo and a navigation menu with links for Home, Teachers, Projects, Resources, About, and Sign in. The main content area has a blue background with the heading "Welcome to Skype in the classroom" and the text "Meet new people, discover new cultures and connect with classes from around the world, all without leaving the classroom." A green button says "Join now with your Skype account" and a link says "Don't have a Skype account? Get one now". Three large blue circles display statistics: 346 Projects, 10135 Teachers, and 424 Resources. Below this, a section titled "Introducing Skype in the classroom" describes the community. At the bottom, it says "Skype in the classroom's 250 newest teachers by location". The browser's taskbar at the bottom shows the Internet Explorer icon, the address bar, and the system tray with a volume icon and a 100% zoom level.

<http://education.skype.com/>



# Rubrics

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# Rubistar

**Create a rubric with just few clicks of the mouse**

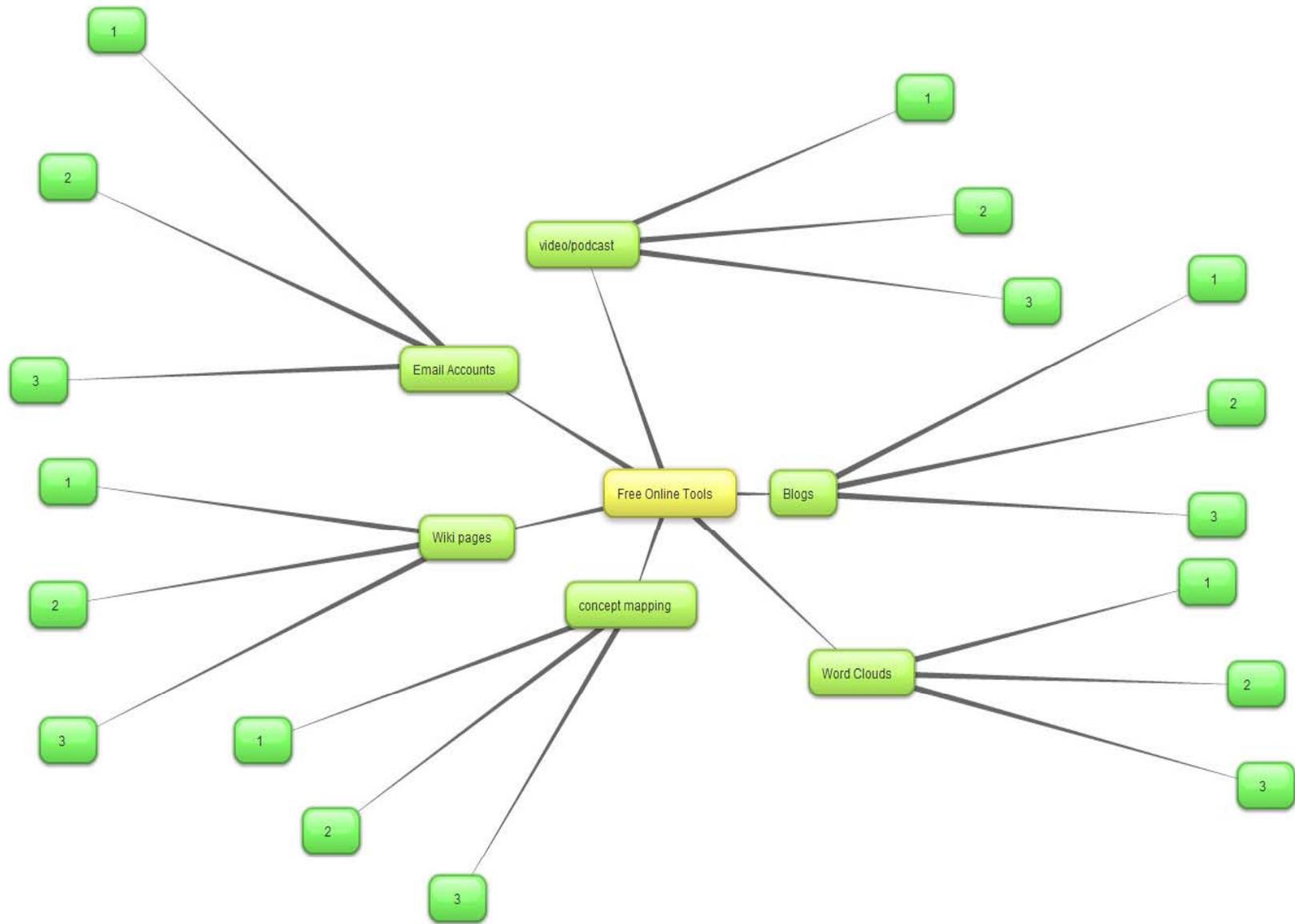
**<http://rubistar.4teachers.org/index.php>**



# Graphic Organizers

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# Graphic Organizer



# Graphic Organizer Web Sites

[www.bubbl.us](http://www.bubbl.us)

[www.spinscape.com](http://www.spinscape.com)

**Software for Concept Mapping** Inspiration 9

**Inspiration – [www.inspiration.com](http://www.inspiration.com)**

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# Flash Cards

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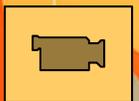
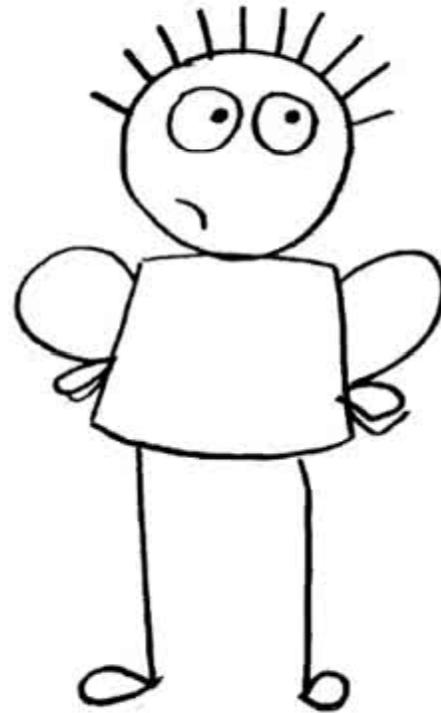
# Flash Cards

- **Quizlet is a free website that allows users to view, create and share flash card sets online**
- **Users can create their own cards or study with one of the thousands of existing sets of flashcards**

<http://quizlet.com/>

<http://quizlet.com/features/>





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# Web 2.0

**Term describing the World Wide Web and web sites that aim to enhance creativity, information sharing and collaboration**

**Blogs  
Video Sharing  
Social Media  
Wikis....**

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# Blogs

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# Blogs

- The term **blog** is short for **web log**.
- A shared on-line journal where people can post entries about personal experiences, hobbies or respond to posted statements
- Postings on a blog are usually in chronological order

[www.blogger.com](http://www.blogger.com)





Create a blog. It's free. [Get started](#)



Beautiful, customizable templates and layouts. [Try the template designer](#)



Up to the minute stats



Make money with AdSense



Explore [Blogs of Note](#)

Want to learn more? Take a [quick tour](#), watch a [video tutorial](#) or read [Blogger Buzz](#).

Sign in with your **Google Account**

Email:

Password:

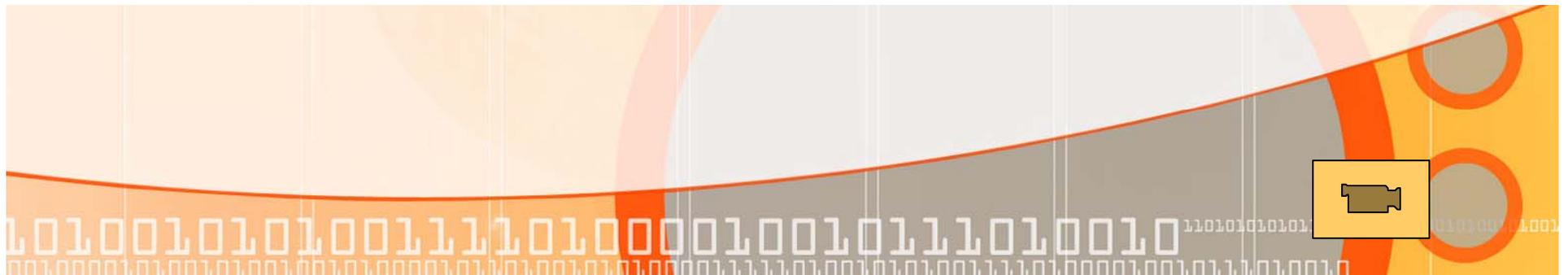
Stay signed in

[Can't access your account?](#)

Don't have a Google Account? [Get started](#)



# How to Create a Blog



# Control Who Leaves Comments

**Blogger: VES News - Comments Settings - Windows Internet Explorer**

http://www.blogger.com/blogoptionscomments.g?blogID=2769061788745204999

File Edit View Favorites Tools Help

Home Feeds (1) Read Mail Print Page Safety Tools Help

**VES News** | [jdolan@mtsd.us](#) | [Dashboard](#) | [My Account](#) | [Help](#) | [Sign out](#)

Posting **Comments** Settings Design Monetize Stats View Blog

Basic Publishing Formatting **Comments** Archiving Site Feed Email & Mobile OpenID Permissions

**Comments**  Show  Hide  
Note: Selecting "Hide" does not delete existing comments - You can show them at any time by re-selecting "Show".

**Who Can Comment?**  Anyone - includes Anonymous Users  
 Registered Users - includes OpenID  
 Users with Google Accounts  
 Only members of this blog

**Comment Form Placement**  Full page  
 Pop-up window  
 Embedded below post  
The embedded comment form can not be used if you have Post Pages disabled.

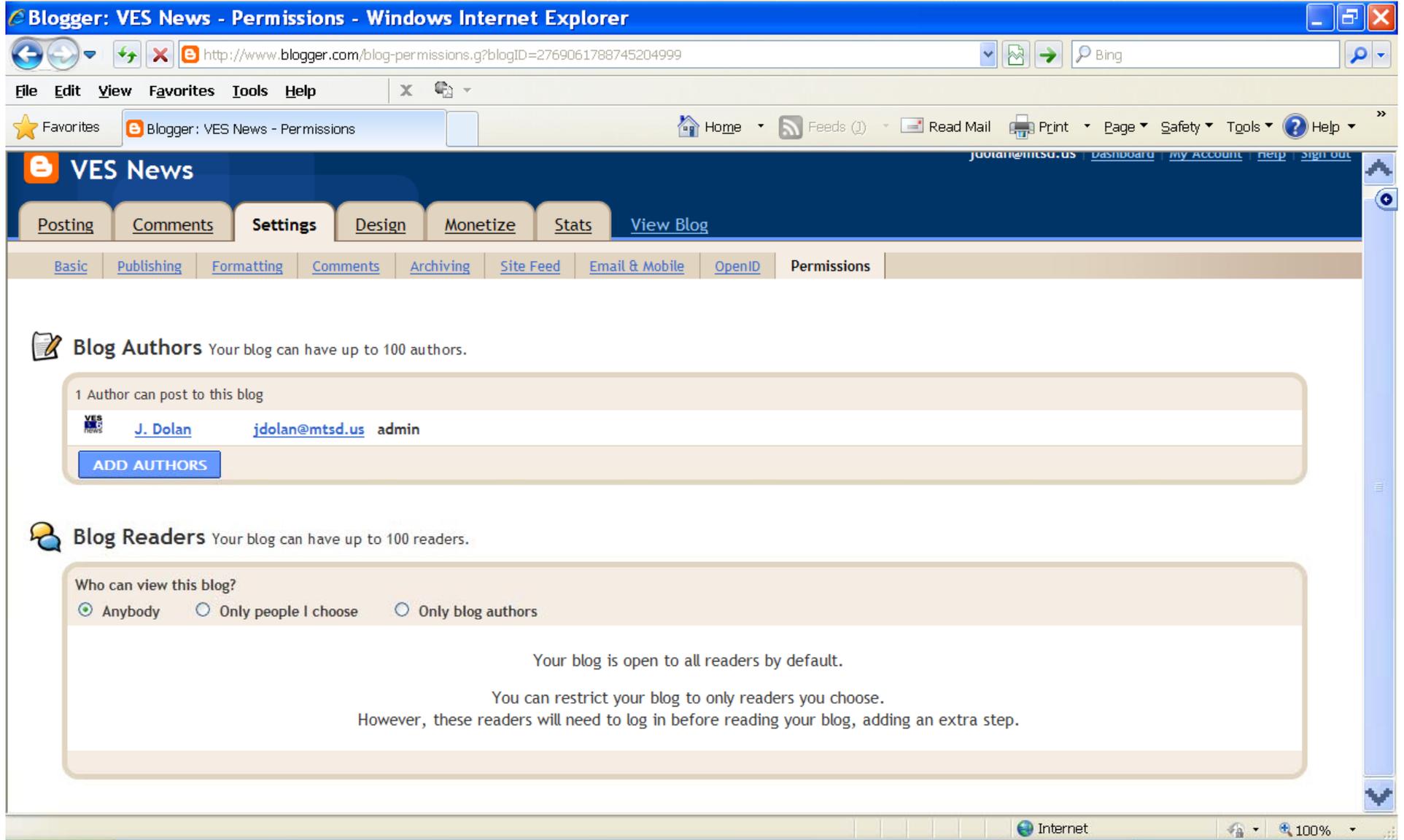
**Comments Default for Posts**  ▼

**Backlinks**

Done Internet 100%



# Add Authors



**Blogger: VES News - Permissions - Windows Internet Explorer**

http://www.blogger.com/blog-permissions.g?blogID=2769061788745204999

File Edit View Favorites Tools Help

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**VES News** | [Dashboard](#) | [My Account](#) | [Help](#) | [Sign Out](#)

Posting Comments **Settings** Design Monetize Stats View Blog

Basic Publishing Formatting Comments Archiving Site Feed Email & Mobile OpenID **Permissions**

 **Blog Authors** Your blog can have up to 100 authors.

1 Author can post to this blog

 [J. Dolan](#) [jdolan@mtsd.us](mailto:jdolan@mtsd.us) admin

[ADD AUTHORS](#)

 **Blog Readers** Your blog can have up to 100 readers.

Who can view this blog?

Anybody  Only people I choose  Only blog authors

Your blog is open to all readers by default.

You can restrict your blog to only readers you choose.  
However, these readers will need to log in before reading your blog, adding an extra step.

Internet 100%



# My Sample Blog

<http://vesnewsnj.blogspot.com/>

The screenshot shows a Windows Internet Explorer browser window with the address bar displaying <http://vesnewsnj.blogspot.com/>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The address bar contains the URL and a search icon. The browser's toolbar shows various icons for navigation and utility. The main content area displays the VES News blog page. The page title is "VES News". Below the title is a YouTube video player showing a travel scene. The date is "TUESDAY, APRIL 19, 2011". The post title is "Travel - Field Trip Blog" with the subtitle "Keep us updated as you travel." The main image is a large, curved, metallic structure, likely a modern building or sculpture. The post is attributed to "J. Dolan at 6:54 AM" and has "2 comments". The right sidebar contains a "FOLLOWERS" section with a "Follow" button and a "BLOG ARCHIVE" section showing "2011 (1)" and "April (1)". The bottom of the browser window shows the Windows taskbar with the "Done" button and the system tray.



# More Blogging Web Sites

- [www.blogger.com](http://www.blogger.com)
- <http://edublogs.org/>
  - Compare <http://edublogs.org/guide/>
- [www.classblogneister.com](http://www.classblogneister.com)
- [www.wordpress.com](http://www.wordpress.com)
- [www.teachersfirst.com](http://www.teachersfirst.com)
- [www.livejournal.com](http://www.livejournal.com)
- [www.blogspot.com](http://www.blogspot.com)
- [www.weebly.com](http://www.weebly.com)



[www.mtsd.k12.nj.us/integration](http://www.mtsd.k12.nj.us/integration)

**Students National & State Standards**

**Wiki**

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# Wikis

**Allows users to collaboratively create, edit, link, and organize the content of a web site**

**Usually for reference material**

**Teachers regularly use wikis for group projects**

**Is it reliable?**



**WIKIPEDIA**  
*The Free Encyclopedia*



# Wiki vs. Blog

- **A Wiki is similar to a blog**
- **The difference is the ability for students to interact with information**
- **Blogs tend to be one way communication between the teacher and students**
- **Wikis are designed to be collaborative**
- **Places for students to share and work in cooperative groups**

# More About Wikis...

- **Students can complete projects and assignments in groups or individually**
- **Student can contribute as long as they have Internet access**
- **Individual assignments or projects can be added to Wiki space**

# More About Wikis...

- **Wikis are more than a place for writing**
  - **Ideal for lessons, images, videos, etc.**
- **Allows teachers and students or students and students to collaborate in a dynamic process**
- **Teachers can collaborate with other teachers in thematic units, class projects, research, curriculum....**

# Wikis in Plain English



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# Wikis Ideas

- **Problem Solving – students can write about and provide images of where they applied math to solve a problem**
- **Students work in groups to solve challenging word problems**
- **Solve problems of the week**

# Wikis Have Controlled Access for Safety

**Security and safety is not an issue, because teachers can control access**

**Viewing** – *teachers can open their Wiki to the public or limit to members only*

**Membership** – *teachers decide who can join; students, parents, invited guests, or the public*



# Wikis Have Controlled Access for Safety

**Protection** – *because of the collaborative nature of Wikis, teachers can lock specific sections so other members cannot modify*

**Moderation** – *teachers can moderate all aspects of their Wiki for appropriateness*

**Notification** – *teachers can set up instant notification when a member makes a post or changes any aspect of the Wiki*



# Wikispaces Getting Started



Welcome to Wikispaces — Free Wikis for Everyone

http://www.wikispaces.com/

Wikispaces Features Pricing Tours Private Label

Search Here

Already a member? [Sign in.](#)

## Wikis for Everyone

Our full-featured wikis offer **unlimited usage** and our **stellar visual editor**. Check out our plans and pricing, and see why our customers call us the **best wiki out there**.

Now hosting over **3,940,000 members** and **1,480,000 wikis!**

We have given away over **267,000 wikis** for K-12 education. Learn more and [create your own classroom wiki today.](#)

### Get Started

Username

Password

Email

**Get Started**

### Private Label

*Wiki Solutions for Organizations*  
Powerful, reliable, secure.

-  Business
-  Non-Profit
-  K-12
-  Higher Ed

[Our Customers Love Us!](#) [Training & Customization](#) [From Our Blog](#)



Internet Explorer browser window showing the URL <http://mathdemo.wikispaces.com/>. The browser interface includes the menu bar (File, Edit, View, Favorites, Tools, Help), the address bar, and the Favorites bar. The page content features a green header with the "MathDemo" logo and navigation tabs for home, PAGE, DISCUSSION (2), HISTORY, NOTIFY ME, and EDIT. A sidebar on the left contains links for "Join this Wiki", "Recent Changes", "Manage Wiki", a search box, and "All Pages" (home, Demo Page, Use Pictures). The main content area displays the text "This is my first Wiki." and "I can post just about anything I want and others can too!" followed by a photograph of the Cloud Gate sculpture in Chicago. The status bar at the bottom shows "Done" and "Internet".

<http://mathdemo.wikispaces.com/>



# Manage Your Wiki

MathDemo - About - Windows Internet Explorer

http://mathdemo.wikispaces.com/space/about

File Edit View Favorites Tools Help

MathDemo - A...

Home Feeds (1) Read Mail Print Page Safety Tools Help

jdolan2726 My Wikis My Account Help Sign Out wikispaces

## MathDemo

### Manage Wiki: MathDemo

- New Page
- Recent Changes
- Manage Wiki
- Search
- Favorites
  - home
- All Pages
  - home
  - Demo Page
  - Use Pictures
- Navigation Options
  - edit navigation

#### About

Organizers [jdolan2726](#) (creator)

Members no members

Created Oct 17, 2010

License [Creative Commons Attribution Share-Alike 3.0 License](#)

Subscription This wiki is currently on our **Basic** plan. [Upgrade Here](#)

#### Content

- Pages
- Files
- Tags
- Templates
- Recycle Bin

#### People

- Members
- Permissions
- Invite People

#### Settings

Internet 100% SCROLL LOCK: OFF



# Lock & Unlock Pages

MathDemo - Pages - Windows Internet Explorer

http://mathdemo.wikispaces.com/space/pagelist

File Edit View Favorites Tools Help

MathDemo

Pages ALL ORPHANED WANTED

Back to Manage Wiki

Search    Show Tags and History

<input type="checkbox"/> Page Name	Last Edited By	Date
<input type="checkbox"/> Demo Page	jdolan2726	Apr 19, 2011 10:06 am
<input type="checkbox"/> home	jdolan2726	Apr 19, 2011 10:05 am
<input type="checkbox"/> Use Pictures	jdolan2726	Oct 17, 2010 1:46 pm

Find Tag

1 - 3 of 3

Navigation Options: edit navigation



# Permissions

MathDemo - Permissions - Windows Internet Explorer

http://mathdemo.wikispaces.com/space/permissions?responseToken=cc4bbe5388f12286d480f95c7c01b1cf

File Edit View Favorites Tools Help

MathDemo - P... x

Home Feeds (1) Read Mail Print Page Safety Tools Help

jdolan2726 · My Wikis · My Account · Help · Sign Out · wikispaces

## MathDemo

Back to Manage Wiki

### Wiki Permissions

- Public** Everyone, including anonymous visitors, can view and edit pages.  
 Allow discussion posts and comments from non-members.
- Protected** Everyone can view pages, but only members of this wiki can edit pages.  
 Allow discussion posts and comments from non-members.
- Private** Only members of this wiki can view and edit pages.  
Part of our Plus plan, [upgrade today](#) starting at \$5 per month! ★
- Custom** Define custom permissions  
Part of our Super plan, [upgrade today](#) starting at \$20 per month! ★

Update

### Custom Permissions

Done Internet 100%

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# Security- Members & Approval

MathDemo - Members - Windows Internet Explorer

http://mathdemo.wikispaces.com/space/members?responseToken=85203bc26c908db93e2c046435d7d789

File Edit View Favorites Tools Help

MathDemo - Members

Home Feeds (1) Read Mail Print Page Safety Tools Help

jdolan2726 My Wikis My Account Help Sign Out wikispaces

## MathDemo

New Page  
Recent Changes  
Manage Wiki  
Search  
Favorites  
home  
All Pages  
home  
Demo Page  
Use Pictures  
Navigation Options  
edit navigation

### Members

[Remove](#) [Make Organizer](#) [Demote to Member](#)

<input type="checkbox"/>	Name	Member Since	Type
<input type="checkbox"/>	jdolan2726	Oct 17, 2010 1:21 pm	Organizer and Creator

1 - 1 of 1

[Back to Manage Wiki](#)

### Pending Membership Requests

[Approve](#) [Reject](#)

<input type="checkbox"/>	Name	Date	Comment	Status
<input type="checkbox"/>	2011myfirstwiki	Today 10:13 am		Request awaiting organizer approval

### Pending Email Invitations

<input type="checkbox"/>	Email	Date	Status
--------------------------	-------	------	--------



# Free sites for Wiki

- [www.wikispaces.com](http://www.wikispaces.com)
- [www.wetpaint.com](http://www.wetpaint.com)
- [www.pbworks.com](http://www.pbworks.com)
- [www.wiki-site.com](http://www.wiki-site.com)
- [www.sites.google.com](http://www.sites.google.com)
  
- Wiki Matrix (*Compare*)
  - <http://www.wikimatrix.org/>

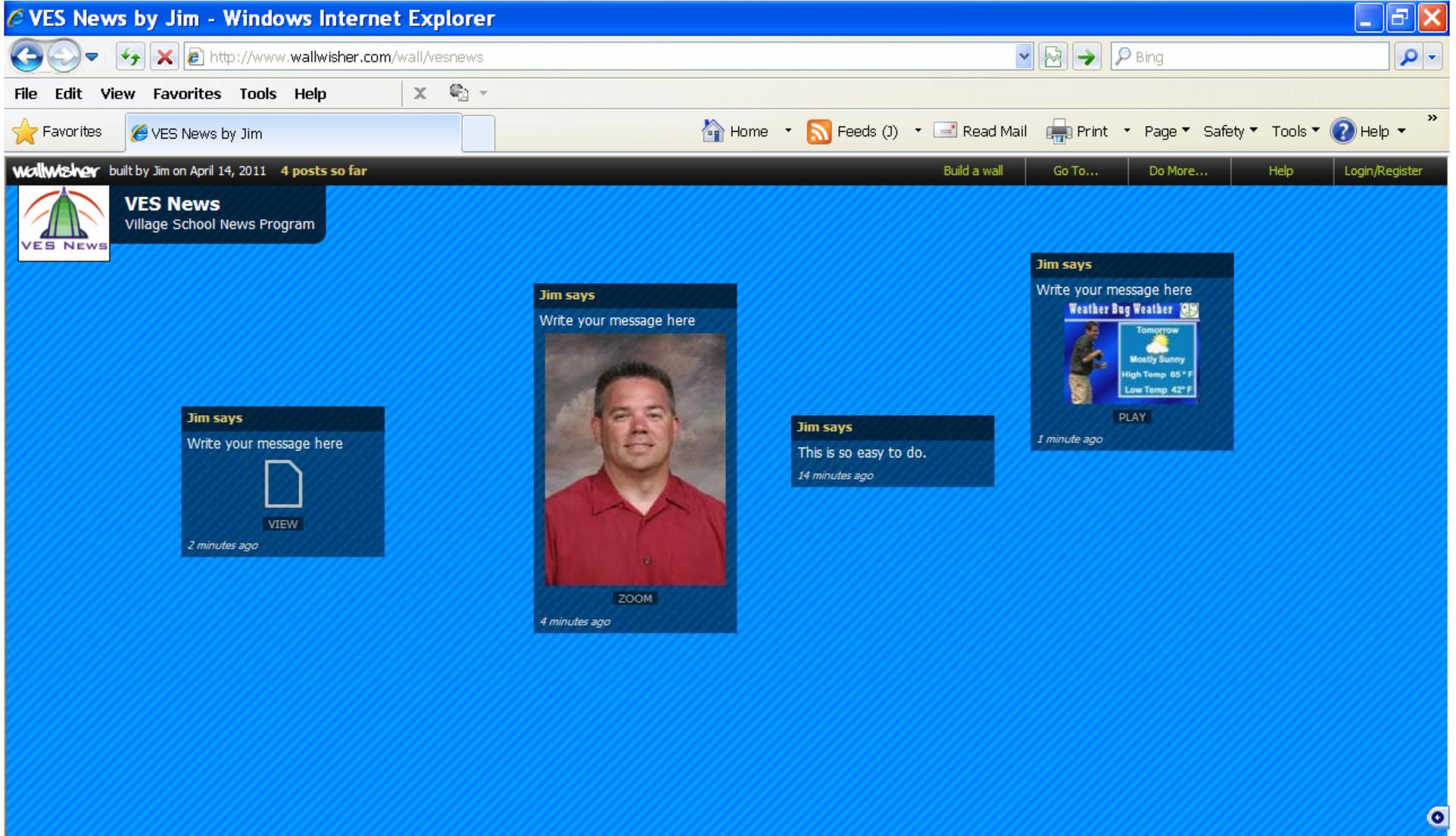
[www.mtsd.k12.nj.us/integration](http://www.mtsd.k12.nj.us/integration)

# Wallwisher

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# Wallwisher

<http://www.wallwisher.com/wall/vesnews>



**VES News by Jim - Windows Internet Explorer**

http://www.wallwisher.com/wall/vesnews

File Edit View Favorites Tools Help

Home Feeds (1) Read Mail Print Page Safety Tools Help

**wallwisher** built by Jim on April 14, 2011 4 posts so far

**VES News**  
Village School News Program

**Jim says**  
Write your message here

**Jim says**  
Write your message here

**Jim says**  
Write your message here

**Jim says**  
This is so easy to do.

**Jim says**  
Write your message here

Weather Bug Weather  
Tomorrow  
Mostly Sunny  
High Temp. 65° F  
Low Temp. 42° F

VIEW

ZOOM

PLAY

2 minutes ago

4 minutes ago

14 minutes ago

1 minute ago

# Wallwisher

- **Build a “Wall” and others can add their own short messages – resemble POST-It Notes**
  - Notes, Images, Videos
- **Display assignments**
- **Generate discussions**
- **Review facts**
- **Share links**

[WALLWISHER.COM](http://WALLWISHER.COM)

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# Glogster

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# Glogster

- **Make interactive posters and collages that combine text, audio, video, animation & data**



- **Allows students to collaborate on projects**
- **The basic teacher account, with limited features, is free**

[edu.glogster.com](http://edu.glogster.com)

## A collaborative learning platform for teachers, educators & schools!

Glogster EDU Premium is a collaborative online learning platform for teachers and students to express their creativity, knowledge, ideas and skills in the classroom.

- ✓ Glog – interactive poster
- ✓ Collaborative class projects
- ✓ School-level teacher management of students and classes
- ✓ Private and safe student environment
- ✓ Engage students in fun and creative activities
- ✓ National educational standards

*features*

“ K12, Higher Ed, Home Education, Distance Learning ”

**TAKE A TOUR**  
What is Glogster EDU

**TRIAL - FREE VERSION**  
**CHOOSE YOUR ACCOUNT LEVEL**  
Which EDU product suits you best

**Expand Digital Knowledge**

Glogster EDU creates digital knowledge environment, where teachers and students learn technology in a format that simplifies the educational process and produces relevant results.



CREATE YOUR OWN GLOG (NOW!)

<http://jamscobra.edu.glogster.com/false/>



# Prezi



PREZI

101001010100111101000010010111010010 1101010101011101000010001010011001

*Create astonishing presentations  
live and on the web*

<http://prezi.com/>



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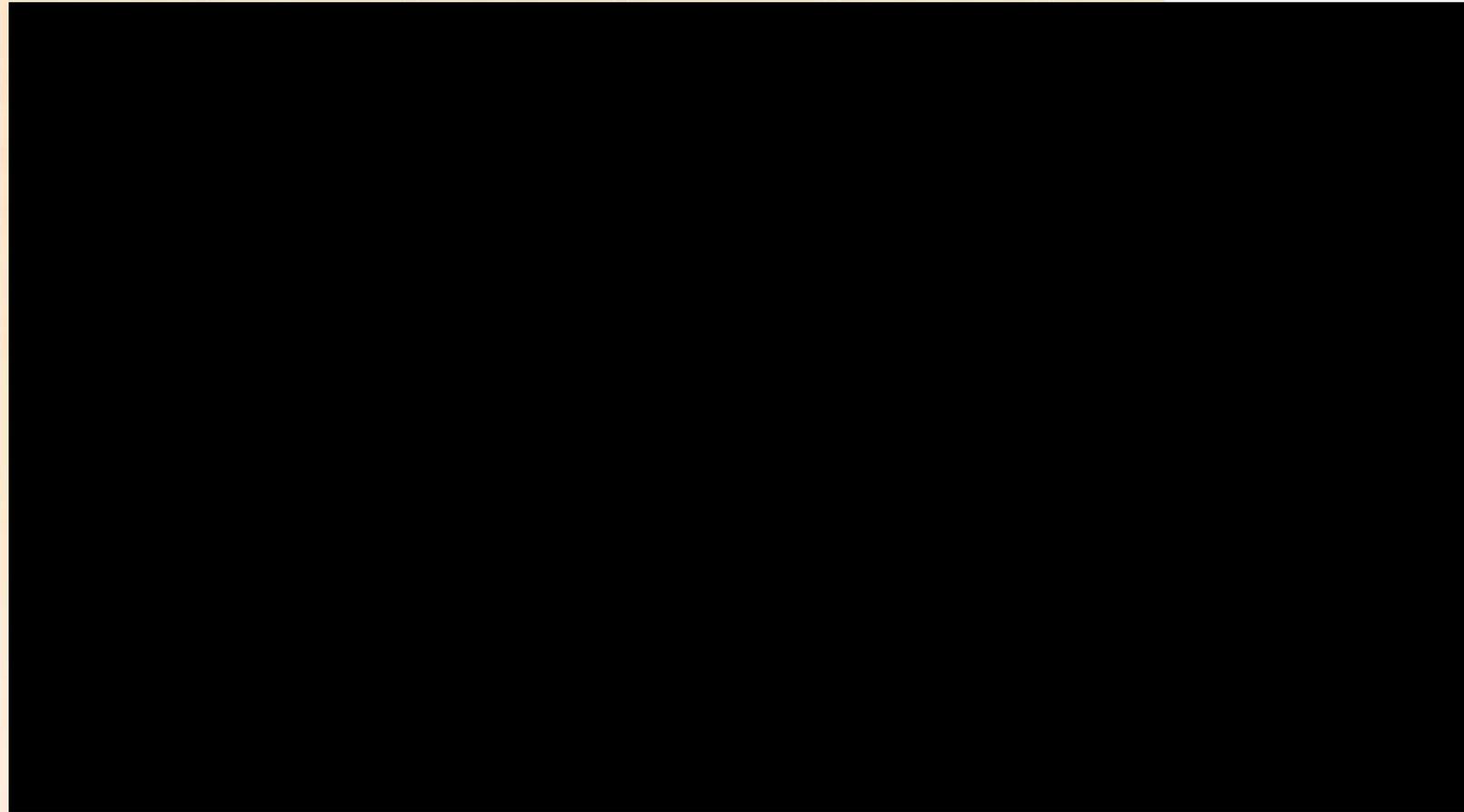
# Getting Started with Prezi

Title Title Body

10100101010011110100001001011101001011010101011101000010101010011001

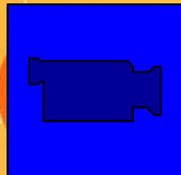
# Did You Know 4.0

DID YOU  
**KNOW**

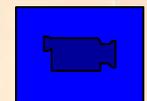


<http://www.youtube.com/watch?v=6ILQrUrEWe8>

101001010100111101000010010111010010 1101010101011101000011



# Vision of K-12 Students Today



[http://www.youtube.com/watch?v= A-ZVCjfWf8](http://www.youtube.com/watch?v=A-ZVCjfWf8)

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