

# Web 2.0 Tools for the Classroom



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**Summer Institute 2010  
Jackson, Tennessee**

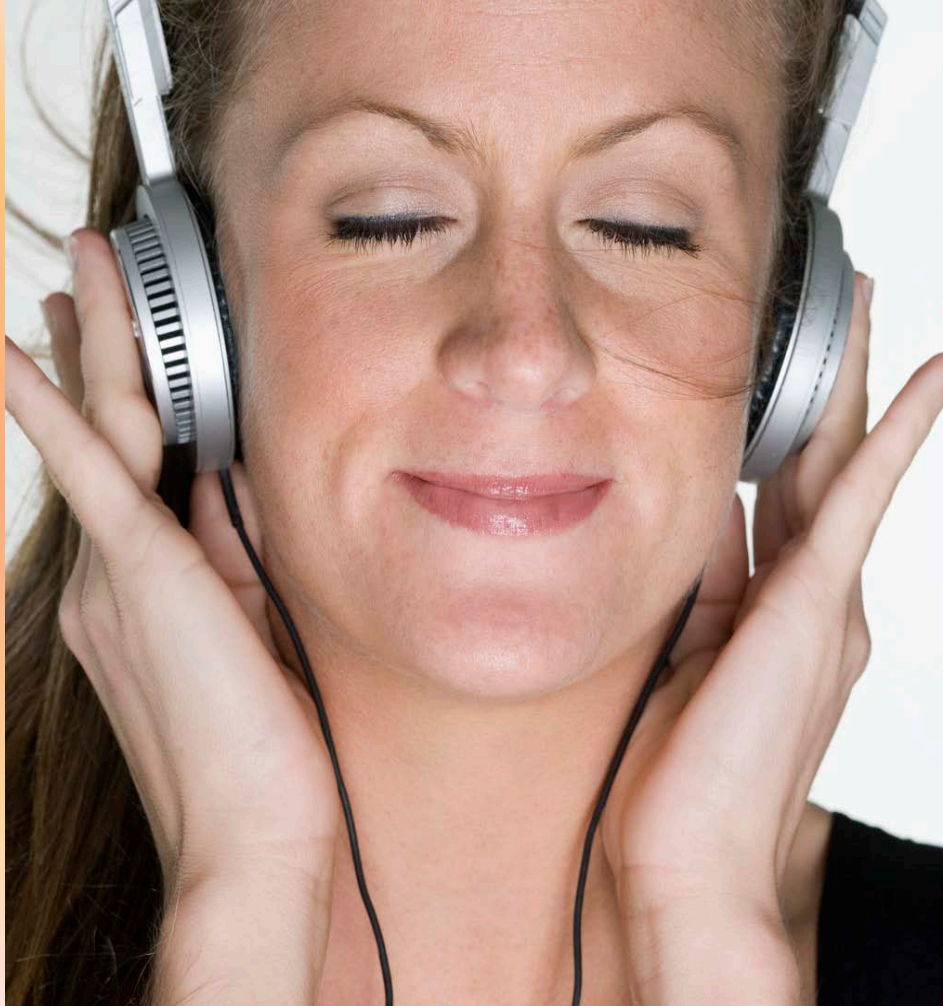
# ***Purpose and Objectives***

**Examine applications that are easy to access and user-friendly.**

## **Web 2.0 tools for the classroom**

- Wordle
- Visuword
- Create a Graph
- Quizlet
- Kerpoof
- Scoreboard
- Gliffy
- Slideshare
- Animoto
- Photoshop.com
- Pixlr
- Scoreboard
- ZoomIt
- Howjsay
- Mindmeister

# You Are Teaching in an Age of Digital Learners



# New Tools for the Classroom

Digital  
Storytelling

Podcasting

Web 2.0

Streaming  
Media

Distance  
Learning

Web lessons  
and tutorials



# **Web 2.0 – What is it?**

- **Web 2.0 is an expression which was used for the first time in 2004 by Tim O`Reilly. The main characteristics of new era in Internet is connected with its constant development and delivering services tailored to the needs of each user.**
- **Associated with web applications that facilitate interactive information sharing, interoperability, and user-centered.**

# WEB 2.0

- **A term used to describe a new generation of Web services and applications with an increasing emphasis on human collaboration**
- **These usually include tools that let people collaborate and share information online**

# **Web 2.0 – Why use it in education?**

## **What are the advantages?**

- Works with all Platform**
- No software purchases or downloads**
- Available anywhere, anytime**
- Allows the additions of tags, which in turn makes searchable.**
- Easy to share**
- Engages students**
- Pride of ownership**
- Provides an avenue for collaboration with professionals in all fields as well as other students.**

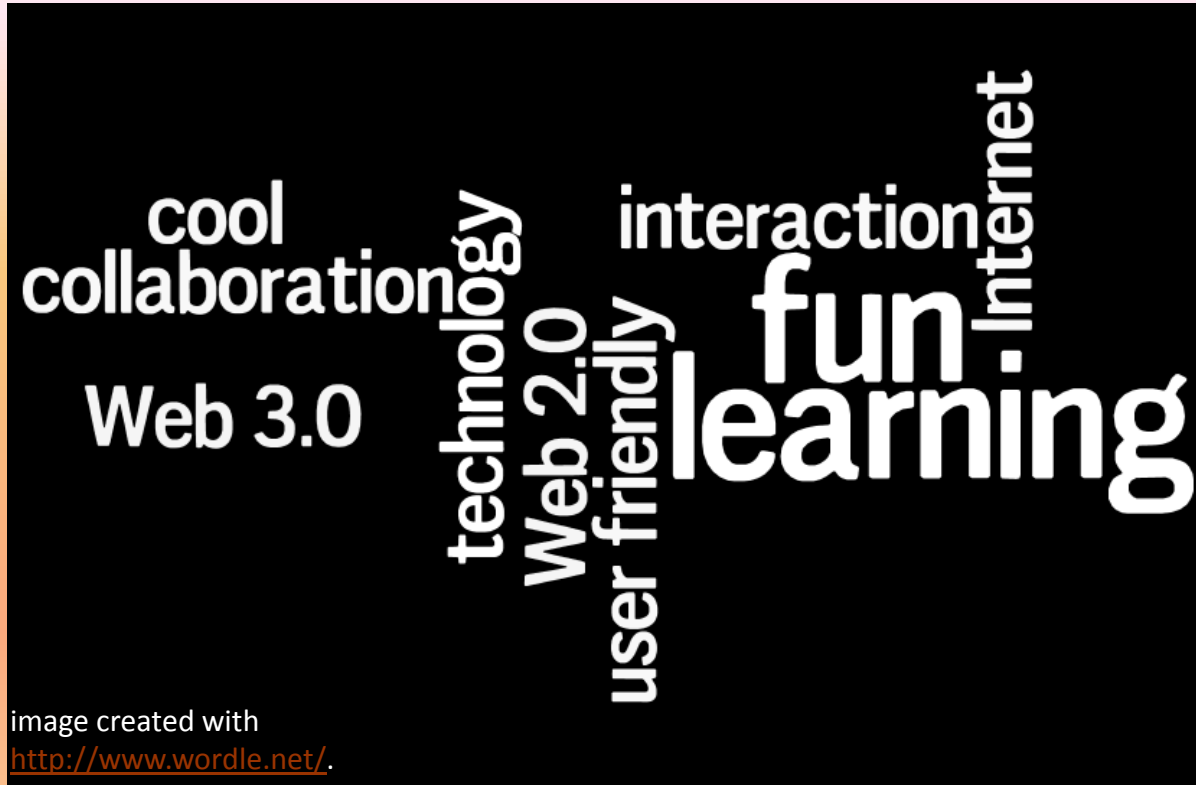
# WEB 2.0

- **What are the disadvantages?**
  - **Internet may be down when you need to use this.**
  - **Often cannot save to a local computer**
  - **Correctness of information**
  - **Privacy issues**



# Wordle

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



**Wordle is a toy 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.**

# Tips for Using Wordle

- To keep multi-word phrases together, use a tildee “~” between words.
  - Example: Web~2.0
- A word maybe deleted from a Wordle cloud by right clicking on the word.
- If you use a screen-capture or other image representation of the Wordle on this page, you must attribute the image to <http://www.wordle.net/>. Images of Wordles are licensed . [Instructions on how to screen-capture.](#)

# Tips continued

- A custom color palette may be created from the colors menu.
- A summary of a news feed url may be entered and students may evaluate the resulting Wordle.

# Educational Uses

- Vocabulary
- Review
- Scrambled sentences
- Surveys
- News Items
- Book reviews



From [jamiekeddie.com](http://jamiekeddie.com)

# Visuword

<http://mpcollab.org/MPbeta1/node/1720>

**VISUWORDS™**  
online graphical dictionary

Random or Enter:

Network diagram centered on **SUN**:

- sun** (green): insolate, solarize, solarize, solarize, solarize, solarize
- sunlight** (blue): sunray, sunbathe, sunbather, sun
- Sunday** (blue): rest day, day of rest, Lord's Day, Dominicus, Sun
- sunbather** (blue): sunbather
- sun** (blue): sun, sunbather
- star** (blue): star
- Sun** (blue): important person, influential person, personage
- Sun** (blue): Sun
- insolation** (blue): insolation, sunstroke, insolation, thermic fever, sirtosis
- sun** (blue): sun

Legend:

hypernym	is a kind of	hyponym	is similar to	verb-group	topic domain
	is an instance of		pertains to	entails	region domain
holonym	is a member of		participle	also see	usage domain
	is a part of	meronym	attribute	causes	

VISUWORDS™  
SDK v2.0

Online graphical dictionary that provides meanings and word relationships.

# Educational Uses

- Illustrates relationships of words
  - Synonyms and homonym
  - Nouns, verbs, adjectives, adverbs
- Great for English language learners
- Serves as a dictionary and thesaurus.
- Visuword combines a web 2.0 type visualization tool with Princeton University's opensource WordNet database to create an interactive click and drag type tool that is free for everyone to use.

# Quizlet

quizlet.com (Web 2.0)

TN 6<sup>th</sup> grade science academic vocabulary

The screenshot shows the Quizlet website interface. At the top, there is a blue navigation bar with the Quizlet logo on the left. In the center, there is a button to "Connect with Facebook" with a small "f" icon and the text "(what's this?)". To the right of this is the word "OR" and a login section with fields for "Username" and "Password", a "Remember me for 3 weeks" checkbox, and a "Login" button. Further right is a "Sign Up" button. Below the navigation bar is a light-colored bar with links for "Home", "Help & Features", "Find Flashcards", "Make Flashcards", and "Blog". On the right side of this bar is a search box and a "SEARCH" button.

The main content area is divided into several sections:

- Statistics:** A box on the left shows "2,701 new flashcard sets today" and "670 users online now".
- Languages & Vocabulary:** A table with two columns: English, Spanish, Chinese in the first column; French, German, see all in the second column.
- Standardized Tests:** A table with two columns: SAT, GRE, GMAT in the first column; AP, LSAT, see all in the second column.
- Math & Science:** A table with two columns: Algebra, Geometry.
- Quizlet eats flashcards for breakfast!** A section with a photo of a boy eating breakfast. Below the photo are links: "Study vocabulary or almost anything", "Create your own flashcards - sign up free", "Share flashcards with your friends", and "View the quick guide or watch the video tour".
- Example: U.S. Capitals** A section with a quiz. It says "Try the first 5 below or use the full flashcard set." Below that, it shows "Remaining 5" in a blue box, "Incorrect" in a red box, and "Alabama" as the current question. There is a text input field with "Type 'Montgomery' here" and an "Answer" button. A "Give Up" link is also present.
- What people say** A section with a quote: "Quizlet is a great place to study and saves me time rather than cutting out flash cards and other things. Quizlet has helped me do other..."

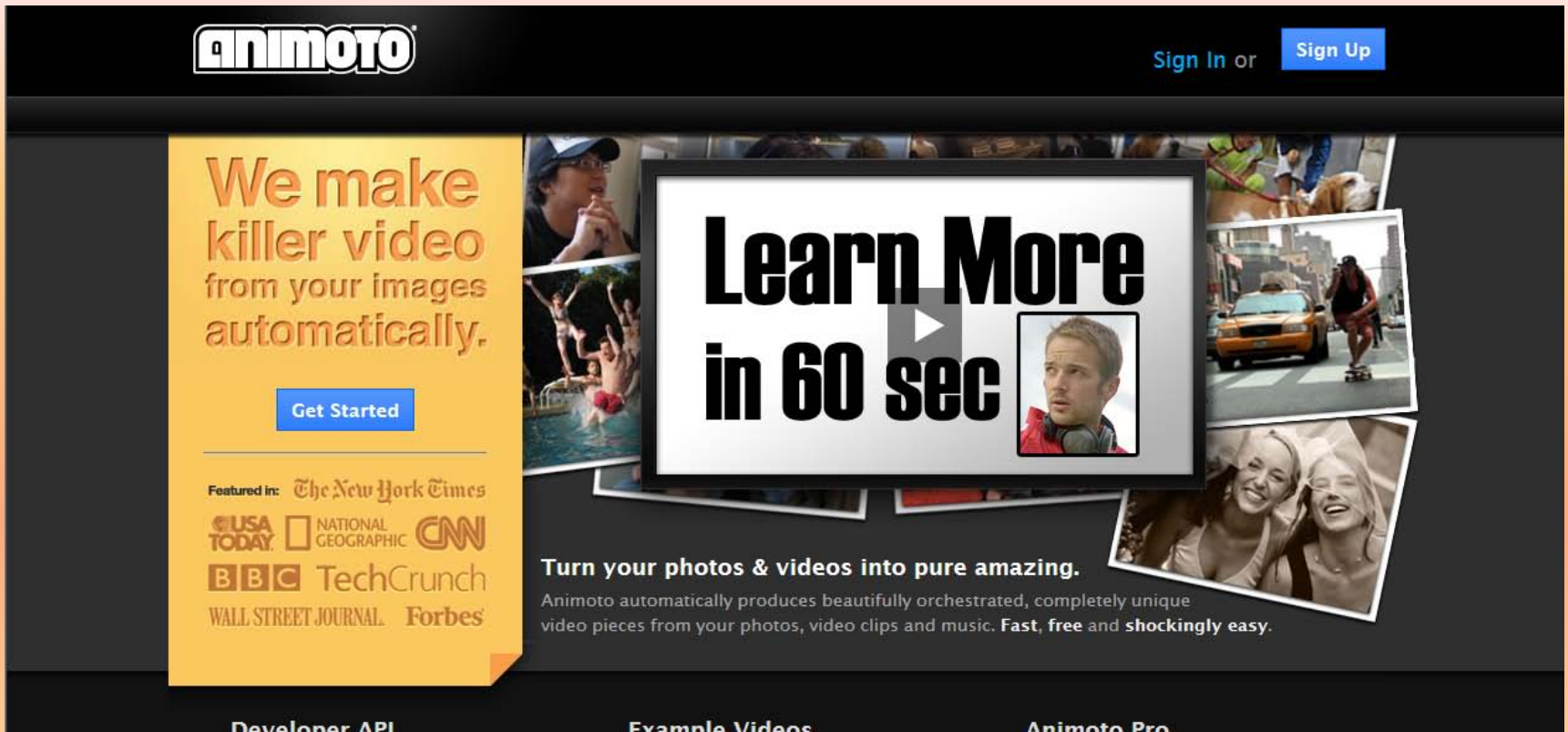
## Set: 6th grade academic vocabulary

[Familiarize](#)[Learn](#)[Test](#)[Play Scatter](#)[Play Space Race](#)[Voice Scatter](#)[Voice Race](#)[!\[\]\(2b17f17ebbacc911bb0ff784ab641779\_img.jpg\) Combine with other sets](#)[!\[\]\(4146d17f71dced09c6ad789cacceaa6d\_img.jpg\) Login to add to Favorites](#)[!\[\]\(9db214d549b9aeebe72aa11d3a5c4b1a\_img.jpg\) Print: \[Term List\]\(#\) | \[Flashcards\]\(#\)](#)[!\[\]\(bcece9a353e60caece619217f5c1ea39\_img.jpg\) Editing not allowed](#)[!\[\]\(9a795c4c0c43d0827b424565265fc8e6\_img.jpg\) Export](#)[!\[\]\(08ff79f060f3543d9ed549cc693d8b98\_img.jpg\) Deleting not allowed](#)



# Animoto

<http://animoto.com>



The image shows the Animoto website homepage. At the top left is the Animoto logo. At the top right are links for "Sign In or" and "Sign Up". The main content area features a yellow box on the left with the text "We make killer video from your images automatically." and a "Get Started" button. To the right of this box is a central white box with the text "Learn More in 60 sec" and a play button icon. Below this central box is a collage of various photos and videos, including a person at a pool, a person on a skateboard, and two smiling women. At the bottom of the page, there are three navigation links: "Developer API", "Example Videos", and "Animoto Pro".

**animoto**

Sign In or [Sign Up](#)

We make killer video from your images automatically.

[Get Started](#)

Featured in: *The New York Times*  
**USA TODAY** NATIONAL GEOGRAPHIC **CNN**  
**BBC** TechCrunch  
WALL STREET JOURNAL. **Forbes**

**Learn More in 60 sec**

Turn your photos & videos into pure amazing.  
Animoto automatically produces beautifully orchestrated, completely unique video pieces from your photos, video clips and music. **Fast, free and shockingly easy.**

[Developer API](#) [Example Videos](#) [Animoto Pro](#)

[Animoto for Educators](#)



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**School Library Journal**  
For Children's, Young Adult and School Libraries

*"Animoto is a magically-easy way to grab attention... and create new visual contexts."*

— Joyce Valenza Ph.D.

# Create a Graph



## CREATE A GRAPH

### Help

? Graphs and charts are great because they communicate information visually. For this reason, graphs are often used in newspapers, magazines and businesses around the world.

### Examples

NCES constantly uses graphs and charts in our publications and on the web. Sometimes, complicated information is difficult to understand and needs an illustration. Graphs or charts can help impress people by getting your point across quickly and visually.

Here you will find five different graphs and charts for you to consider. Not sure about which graph to use? Confused between bar graphs and pie charts? Read our:



[Create A Graph Tutorial](#)

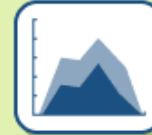
Bar



Line



Area



Pie



XY



Please select a graph type to begin

New to creating graphs? Then try...

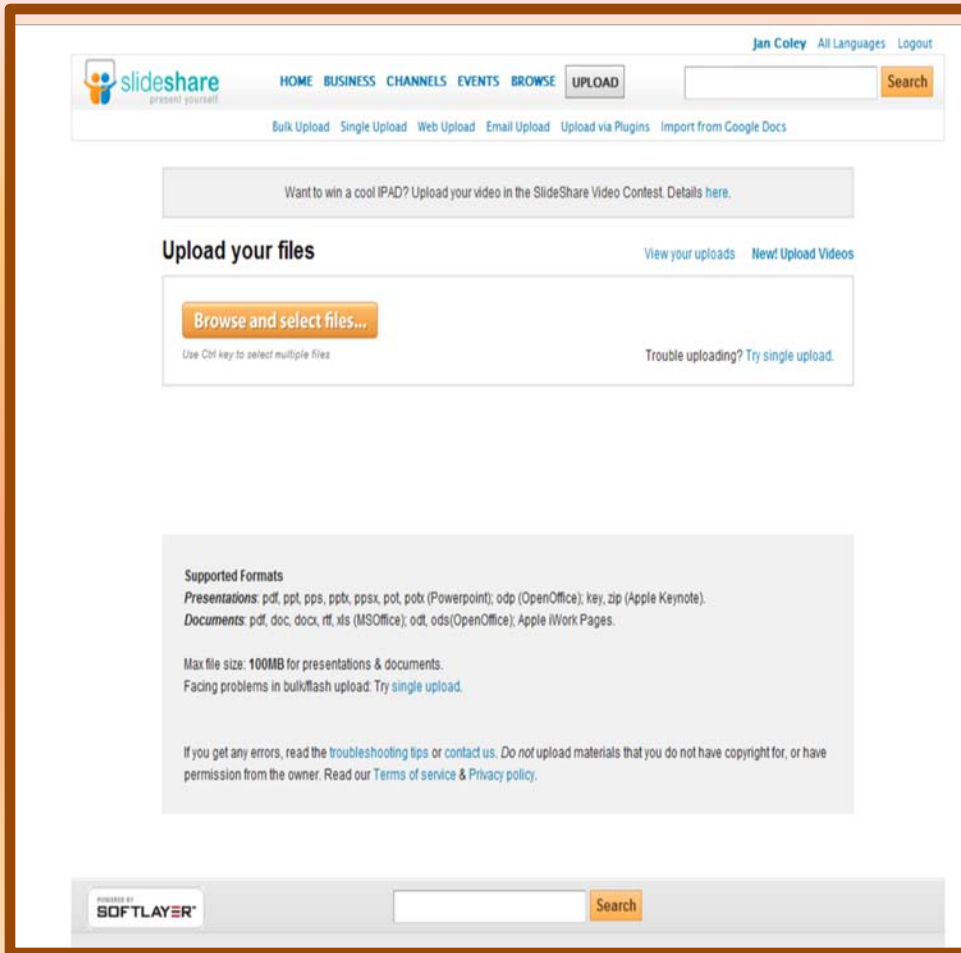


18,533,740

Graphs Created Since 2005

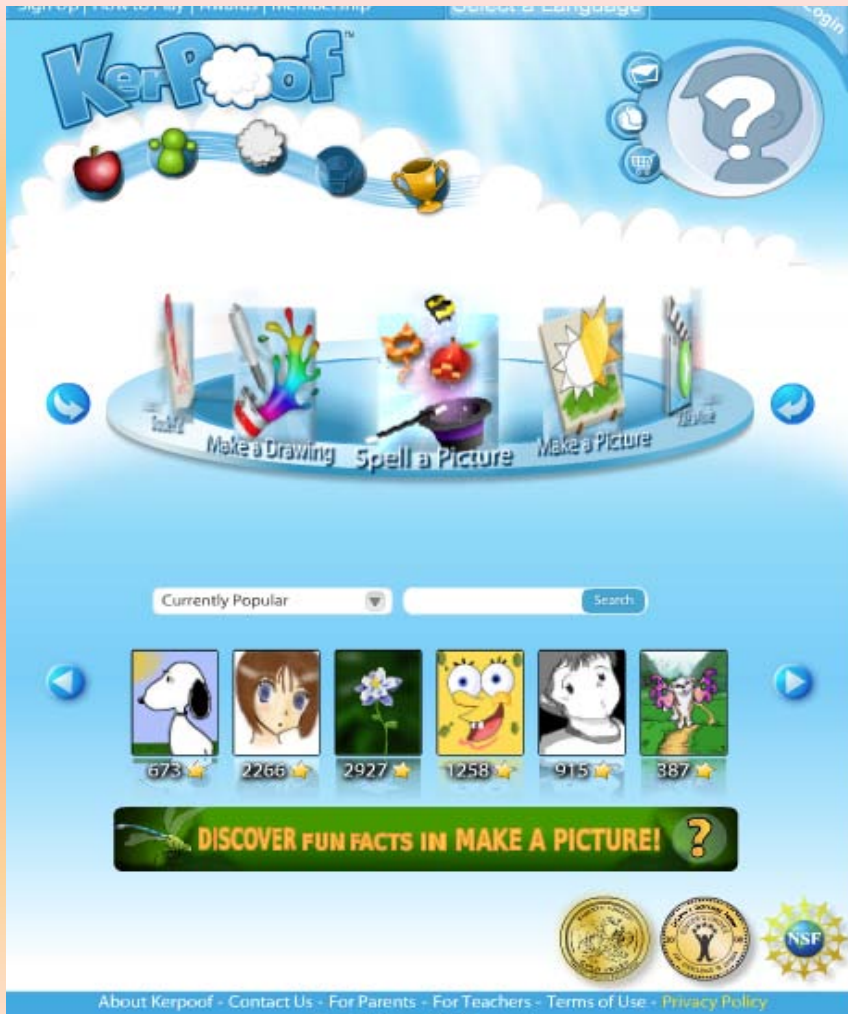
# SlideShare

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



- Allow the online sharing of PowerPoint presentations, Word documents, and PDF files.
- The files may be shared either publicly or privately.

# Kerpoof

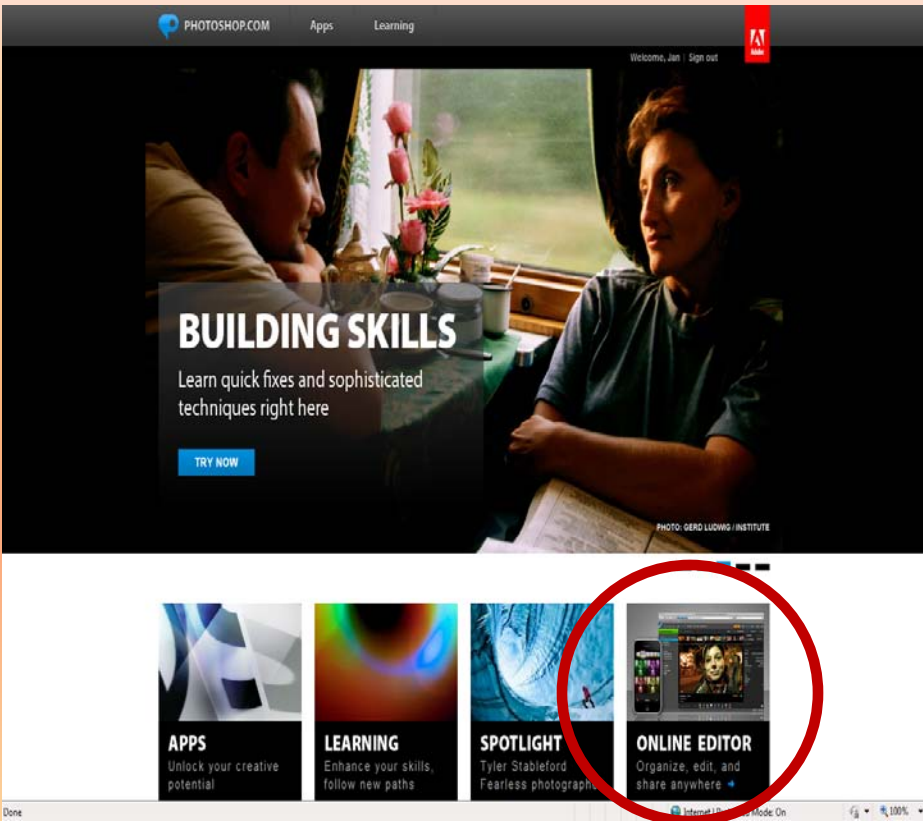


- Spell A Picture
- Make A Picture
- Make A Movie
- Make A Card
- Make A Story
- Doodle Pad
- Make A Drawing

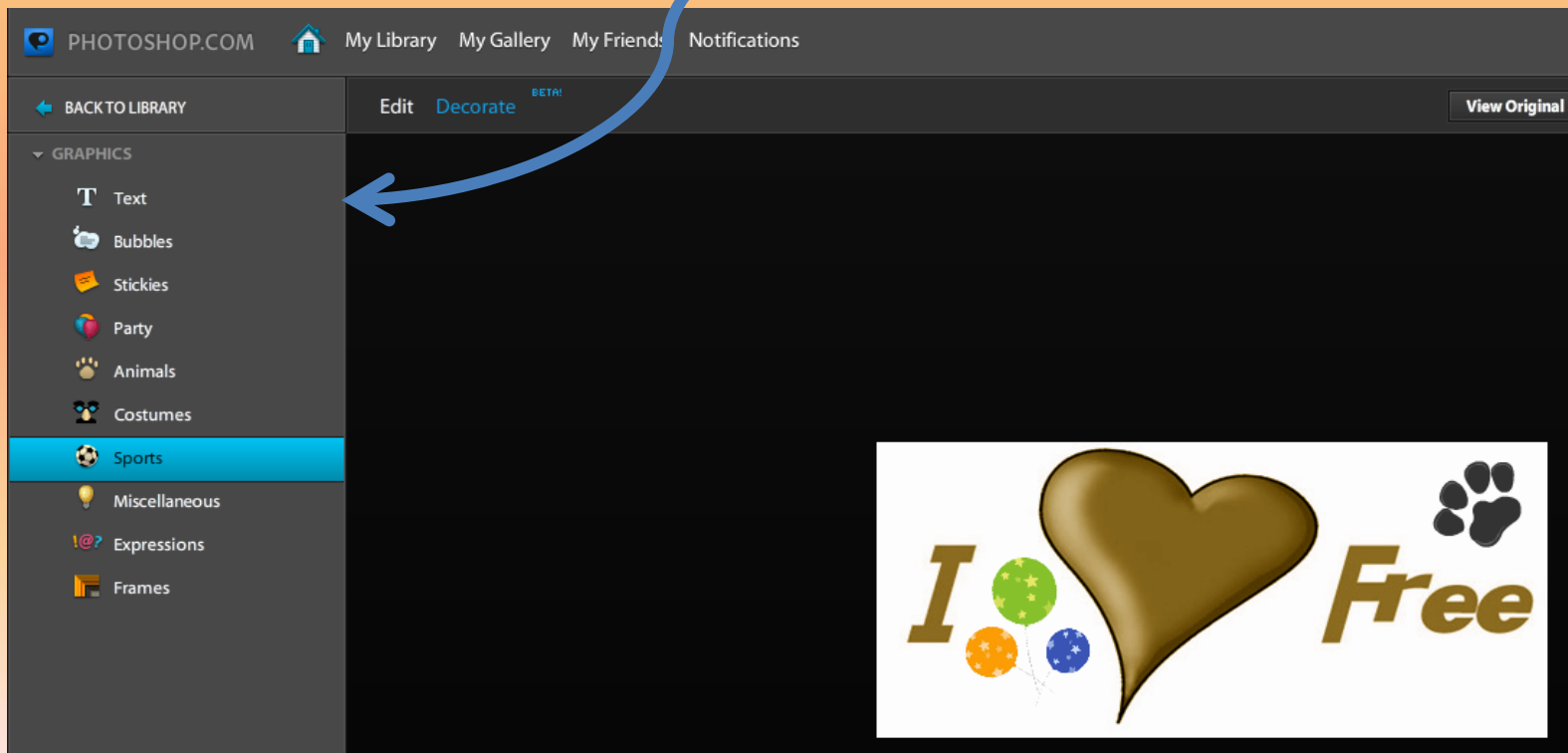
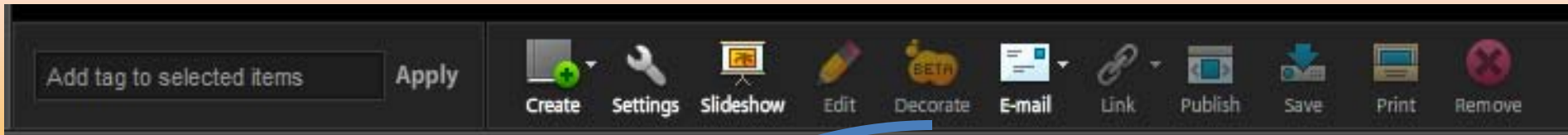
# Photoshop.com

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

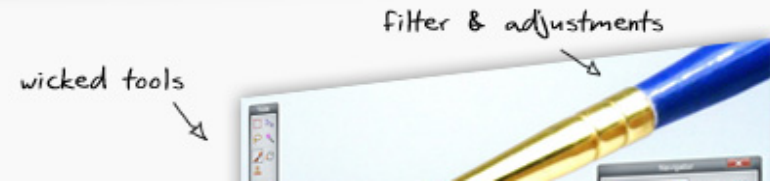
- Create and account
- Select Online Editor
- Edit pictures



# Tools Available



Welcome to the most popular advanced online image editor in the world!

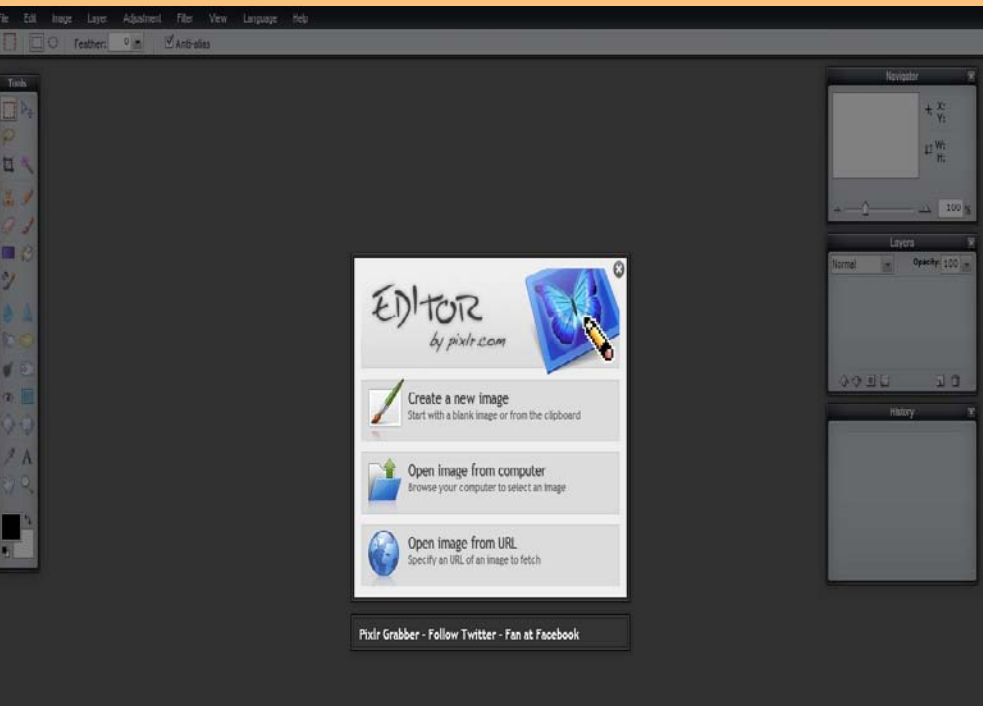


Pixlr

<http://www.pixlr.com>

Pixlr Express

<http://www.pixlr.com/express/>



**For  
Beginners  
or a Quick  
Fix**

[Blog with tutorial](#)  
[Additional tutorial](#)



# SCOREBOARD

<http://www.triptico.co.uk/resources/scoreboard/scoreboard.html>

## SCOREBOARD

How many teams?

One  Four

Two  Five

Three  Six



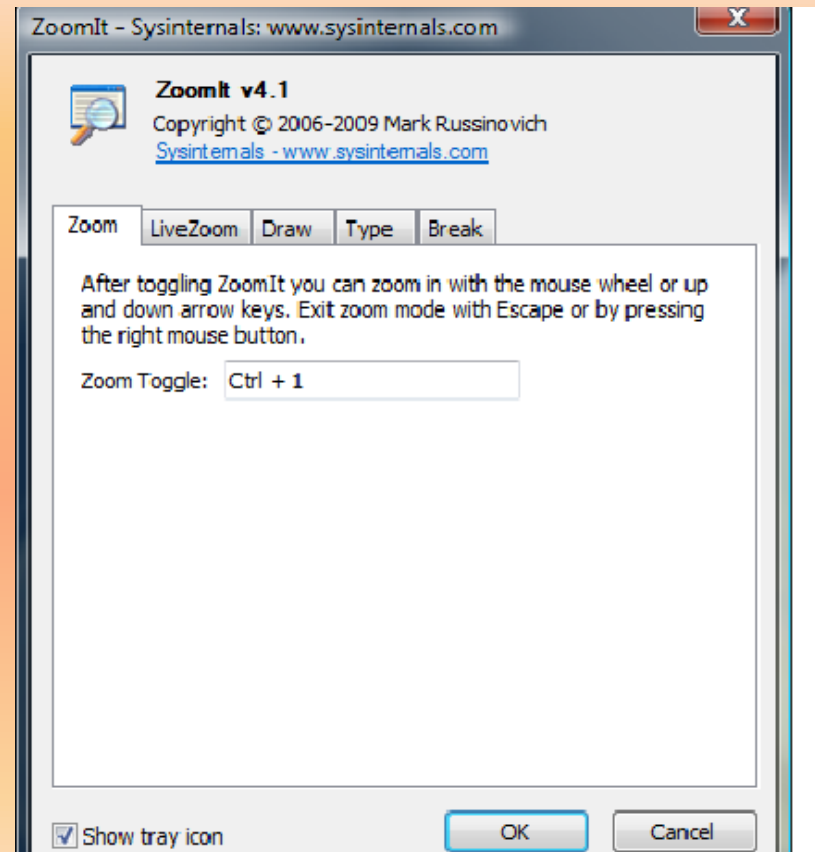
Triptico | e-Learning Design and Training



# ZoomIt

<http://technet.microsoft.com/en-us/sysinternals/bb897434.aspx>

- **ZoomIt** is screen zoom and annotation tool for technical presentations that include application demonstrations. Will Zoom the url for others to view.
- Free download or it may be run from the web.



# More on ZoomIt

- Control +1 will zoom the contents of screen until Control+1 is selected again. If you click while zoom a **+** will appear and this becomes a pen to use on the screen. Control+1 breaks this again.
- If you want the pen tool while not zoomed, Control+2 will provide the pen. Control+1 breaks this again.

# More on ZoomIt

Presentation1 - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View Developer Acrobat Format

Clipboard Slides Font Paragraph Drawing Editing

Slides Outline

26 ZoomIt

27 More on ZoomIt

28 More on ZoomIt

29 HowSay

## More on ZoomIt

- If you are in the pen mode and you need a different color: “r” for red; “y” for yellow; “g” for green; and “b” for blue. Control+1 breaks this again.
- Control+3 give you a timer. The color of the timer may also be changed by the previous method. Control+1 breaks this again. Time default is 10 minutes but may be changed by selecting icon from the tray on the lower right of computer.

Click to add notes

Office Theme

Start Amazon.com... Document2... Microsoft Fr... I Love Free... Presentati... ZoomIt blue-whale-j... 7:58 AM

# HowJSay

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

## howjsay . com

A free online Talking Dictionary of English Pronunciation



Word or phrase:

[Help](#) • [Tools](#) • [iPhone](#) • [Newest entries](#)

[Translate your entry with Google Translate](#)

[Define your entry here](#)

--- Select a language ---

photosensitizing

photoshoot

photoshop

photosphere

photostabilisers

photostabilizers

photostat

photostatic

photosynthate

photosyntheses

photosynthesis

photosynthesise

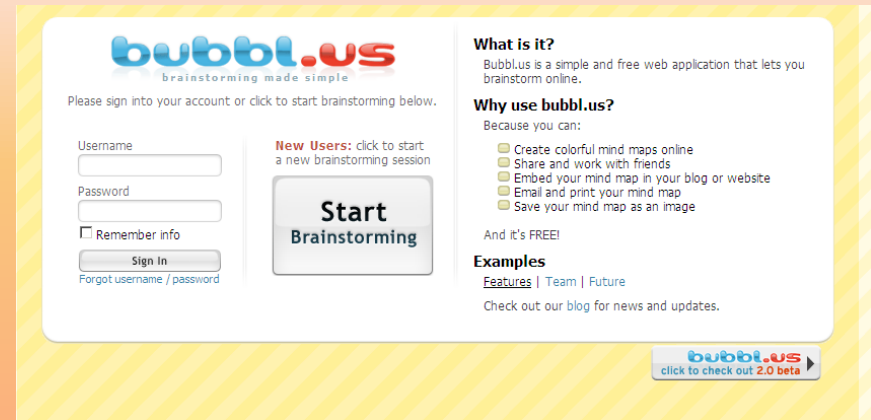
photosynthesising

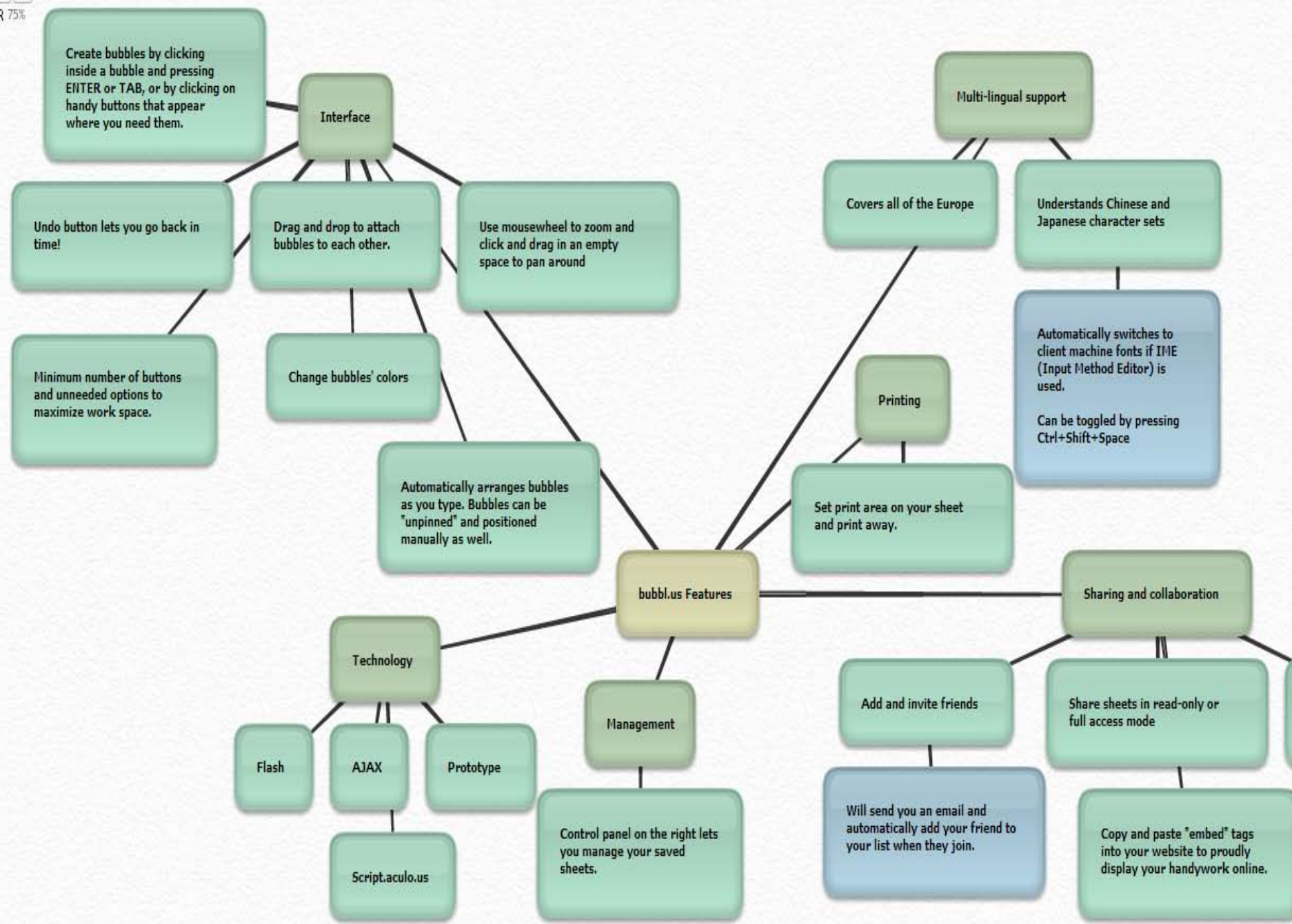
- **A free online Talking Dictionary of English Pronunciation**
- **Just type in the word** (hit submit) and when your entry appears in pink, mouse over to hear it pronounced. You can list up to 6 entries like this:  
cat;cart;cut;cot;caught;coat  
There are currently 132208 entries in the dictionary.
- **There is an app for the iphone**

# Bubbl.us

http://bubbl.us/

- Create mind maps consisting of a number of interconnected Bubbles containing text
- Entirely browser based editor
- User can control the size, color and arrangement
- Bubbles can be cross-connected
- Other users can collaborate on mind maps
- Easily shared or embedded in the user's website





# Seven Ways to use Mind Maps in the Classroom

<http://www.thinkbuzan.com/us/articles/view/7-mind-mapping-uses-for-teaching>

- Lesson Preparation
- Delivering lessons
- Curriculum planning
- Creating Handouts
- Encouraging Discussion and Independent thinking
- Student Evaluation
- Self Evaluation