

- Sequencing historical events (Which came first?)

1. _____
2. _____
3. _____
4. _____

• From PowerPoint to YouTube

- Tad Simons estimates there are 30 million PowerPoints (1.5 bullet points) given around the globe every day. But retention and transfer both go _____ when the presenter reads bullet points from the slides. – Richard Mayer, *Multimedia Learning*
- So, which slide is most effective:
 - _ All text
 - _ Text with small image
 - _ Full-screen image
 - _ _____
- Using illustrated materials, retention and recall increase _____% and transfer a whopping _____%. Richard Mayer, *Multimedia Learning*.
- YouTube (from Sanjaya to Sullivan Ballou)
- Government, military, medical professions and training videos. “The Dentist” with Harvey Korman and Tim Conway from the *Carol Burnett Show*.

• Images plus words

- Captions, cartoons, comics
- Jerome Burg’s 8-cell great works of literature www.macworld.com/products/eddy05/Comic-Life-1.2.php

• Resources for images

- Children’s drawings
 - Expand-a-photo from the Polaroid Education Program: take a picture of the trunk and then have students draw the rest of the body.
- Digital cameras for teachers and students; ubiquitous cell phones (from the penguin exhibit to the American Idol concert.)

Web images:

- Images from educators for educators – safe, delightful source of well organized/categorized images. <http://pics4learning.com>
- Free high resolution digital stock photography for corporate or public use. www.morguefile.com
- Commons project (images section of Wikipedia) <http://commons.wikimedia.org>

- Online storage, searching, sorting and sharing photos – generally safe surfing, but some images of questionable taste. www.flickr.com (Make sure to check out the images from Algo!)

- Many more awesome sites with gorgeous images. Download my handout “Web Resources for Images” (and/or link to it from your district website): www.educatebetter.org Click on **Handouts** and enter
 USERNAME: **educate**
 PASSWORD: **better**

• Projecting

- Innovative use: 3 screens, 3 projectors
 Rapid-fire instruction: Varkala Beach, Trivandrum, Kerala (Land of Coconuts), India. Photos courtesy of Rashmi Sinha sinhar@exchange.nih.gov
- “Adjacent in space” (versus “stacked in time”)
 – Edward R. Tufte (He prefers printed charts to projected PowerPoints.)
- Waterlilies – juxtapose photograph by “Algo” on www.flickr.com with painting by Monet. LCD projector with widescreen (1280 x 800) resolution like the Epson PowerLite 400W.

• Positive, healing images

- U.S. youth witness _____ murders on network TV by the age of 14.
- *Positive Images Project* (Burmark, Fournier) pairing beautiful images with healing, uplifting music.
- As educators, we have the opportunity (and the responsibility) to create a databank of positive, healing images (like Van Gogh’s *Sunflowers*) that our students can take with them for life. Images of loyalty, kindness, truth, beauty, and hope for the future.

• Thank you!

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