



## TEACHING TIPS WITH TECHNOLOGY

### Don't Just Internationalize, Globalize!

Featuring:

*Melissa Lizmi, Computer Science, Information and Interactive Technologies, Rockville*



*"I took my Latin American students on a trip to Mexico City last week using Google Earth."*

Professor Karl Smith  
Political Science, Takoma Park/Silver Spring

Giving students a global perspective is easier than ever with Google Earth. Google Earth allows you to take students on a virtual field trip to anywhere on Earth, the moon, the stars, and even Mars. From the depths of our deepest ocean floors to the heights of our tallest mountains and most distant stars, Google Earth has something to offer every discipline.

You may already know that Google Earth offers high resolution satellite imagery of virtually every place on Earth. What you probably don't know is that Google Earth now offers historical images, ocean tours and you can record your own tours in a movie format (with audio and video) and share your tours with anyone via the web.



Getting started with Google Earth is easy! Simply download Google Earth from <http://www.google.com/earth/download/ge/agree.html> to any PC or Mac and install. To get started with basic navigation instructions for Google Earth visit <http://www.youtube.com/GoogleEarthVideoHelp> to find an informative video tutorial.

### *Still not convinced that Google Earth is right for your discipline?*

Take a look at these educational applications instructors just like you have created.

Discipline	Google Earth Example Lessons
History and Political Science	See what Ancient Rome looked like in 3D. Walk down the streets of Rome in 320 AD and explore the insides of ancient buildings, all recreated in Google SketchUp. Link: <a href="http://earth.google.com/rome/">http://earth.google.com/rome/</a>
Geography	Can you think of a better tool to teach geological map interpretation? Visit the following link to

	view a great lesson from <i>On the Cutting Edge</i> to help you get started. Link: <a href="http://serc.carleton.edu/NAGTWorkshops/structure/teaching_geo_map_interp.html">http://serc.carleton.edu/NAGTWorkshops/structure/teaching_geo_map_interp.html</a>
<b>Math</b>	-Real World Math Lessons with Google Earth Link: <a href="http://www.realworldmath.org/Real_World_Math/RealWorldMath.org.html">http://www.realworldmath.org/Real_World_Math/RealWorldMath.org.html</a> -Xtreme Triangles Link: <a href="http://www.gelessons.com/lessons/studentcontrol/k12math/xtremetriangles/index.html">http://www.gelessons.com/lessons/studentcontrol/k12math/xtremetriangles/index.html</a>
Archeology	Explore one of the most archaeologically interesting areas of the world - the <a href="#">Nile delta</a> .
Biology	Tour the ecology and environment of the most ancient living trees on earth, <a href="#">the bristlecone pines</a> .
<b>Environmental/ Earth Science</b>	Study the effect of Global Warming with this lesson from David R. Wetzel. Link: <a href="http://www.suite101.com/content/google-earth-global-warming-science-projects-a64770">http://www.suite101.com/content/google-earth-global-warming-science-projects-a64770</a>
<b>English/Literature/ Reading</b>	Google Lit Trips ( <a href="http://www.googlelitrips.com/GoogleLit/Home.html">http://www.googlelitrips.com/GoogleLit/Home.html</a> ) can take your students to the setting of the book and make the story come more alive with the pictures and resources. Students will enjoy seeing the places in <a href="#">Shakespeare's Plays</a> , <a href="#">Jane Austen's Life and Work</a> , or John's Steinbeck's <a href="#">Travels with Charley</a> . These sites are found in the Google Earth Community along with numerous other resources. Link: <a href="http://edweb.tusd.k12.az.us/dherring/ge/googleearth.htm">http://edweb.tusd.k12.az.us/dherring/ge/googleearth.htm</a>
<b>Economics</b>	Find out about the Crisis in Darfur or track the US Unemployment Rates at the Google Earth Outreach website. Link: <a href="http://earth.google.com/outreach/showcase.html">http://earth.google.com/outreach/showcase.html</a>

**DELT wants to hear it directly from you!**

If you would like to share some of your favorite technology tips or know someone who does, please submit to Gloria Barron, [gloria.barron@montgomerycollege.edu](mailto:gloria.barron@montgomerycollege.edu).