**GOOGLE EARTH: Engaging in a Virtual “Real” World**

**BILC; October 2016**

**Budapest, Hungary**

1. **Rationale:**
2. **Teaching Procedures:**
3. **Features of Google Earth:**

* Navigation:
* Placemarks & Tours:
* Drawing & Measuring:
* Recording a Tour:

1. **Tutorials, Activities, & Assessment:**
2. **Questions & Answers:**

**~Helpful Websites~**

**Searching Tips**:

* Use: *keywords* + “in google earth.” Keywords: plate tectonics, migrations, titanic journey, etc.

**GOOGLE EARTH Tutorials (Video)**:

* **FREE Software Download:** [**https://www.google.com/earth/explore/products/**](https://www.google.com/earth/explore/products/)
* **Overview (Index)**: <http://www.google.com/earth/learn/index.html>
* **Navigation:** [https://www.google.com/earth/learn/beginner.html#tab=navigation](https://www.google.com/earth/learn/beginner.html)
* **Placemarks & Tours:**  [https://www.google.com/earth/learn/beginner.html#tab=placemarks-and-tours](https://www.google.com/earth/learn/beginner.html)
* **Drawing & Measuring**: [https://www.google.com/earth/learn/beginner.html#tab=drawing-and-measuring](https://www.google.com/earth/learn/beginner.html)
* **Record a Tour**: [https://www.google.com/earth/learn/advanced.html#tab=recording-a-tour](https://www.google.com/earth/learn/advanced.html)

**Getting Started with Google Earth**:

* <http://www.youtube.com/watch?v=RYapu-TDW30> (basic navigation)
* <http://www.youtube.com/watch?v=R0_K0Wp1rSU&feature=related> (navigating)
* <http://www.youtube.com/watch?v=p5cCccXPsvE&feature=related> (street view)
* <http://gelessons.com/lessons/> (lesson plans: Teacher & Student Controlled)

**Creating a Tour**: ***TIPs***: Pin the place marks & label them first. RECORD the tour last.

* <http://googleearthdesign.blogspot.com/2009/02/howto-create-simple-tour.html> (creating a simple tour)
* <https://tourbuilder.withgoogle.com/>
  + <https://tourbuilder.withgoogle.com/builder#play/ahJzfmd3ZWItdG91cmJ1aWxkZXJyEQsSBFRvdXIYgICA5IyauAsM> (sample battle tour)
* <http://www.scribd.com/doc/10500783/Google-Airways-Create-a-Tour-in-Google-Earth>
* **Narrated Tour**:<http://earth.google.com/outreach/tutorial_kmltours.html>

**Touring and Saving Directions**:

* <http://earth.google.com/support/bin/static.py?page=guide.cs&guide=22359&topic=22651&answer=148084>

**Saving a Tour (a sharable file)**:

* <http://www.google.com/support/forum/p/earth/thread?tid=2c51ffd4f0c3f24e&hl=en>

**Embedding YouTube Video**:

* [**http://earth.google.com/outreach/tutorial\_annotate.html#videos**](http://earth.google.com/outreach/tutorial_annotate.html#videos)

**Teaching Ideas**:

* **Literary Tours** <http://www.googlelittrips.org/>
* **25 Interesting ways to use GoogleEarth in the classroom** <https://docs.google.com/presentation/d/1w9MeVpTdu3jFbGFrqAo-EeUy-87_bzv_9zP5MDxsDCg/embed#slide=id.i24>
* **How to Teach With Google Earth** <http://serc.carleton.edu/sp/library/google_earth/how.html>
* **50 Exciting Ideas for the Classroom** <http://www.associatesdegree.com/2010/03/14/google-earth-for-educators-50-exciting-ideas-for-the-classroom/>
* **10 Ideas for using Google Maps and Google Earth in the Classroom** <http://olliebray.typepad.com/olliebraycom/2007/11/ten-ideas-for-u.html>
* **Google Earth for the Geoscience Classroom** <http://serc.carleton.edu/sp/library/google_earth/>
* **List of Google Earth Lesson Links** <http://www.shambles.net/pages/learning/GeogP/gearthplan/>