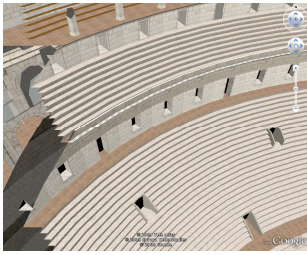




Lesson Plan



Activity/Project Title

Roman Holiday (with the ancients) in Google Earth

Subject Area

World History

Grade Level

6th and 7th Grade

(Also can be used as review challenge in 10th grade World History)

Content (Concept/Understanding or Skill/Ability)

Students understand the development of the Roman Empire and the techniques that are used by historians and archaeologist to uncover the past.

Prerequisites

History, Geography, 21st Century Web 2.0 skills Prerequisites

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Instructional Goals and Objectives

- Compare and contrast the the history and geography surrounding the monuments and buildings of Rome today and of Ancient Rome.
 - Collaborate to create a multimedia trip in Google Earth that outlines historic and geographic locations in Rome, Italy.
 - Create and update a blog and wiki that informs and analyzes the historic sites in the City of Rome
- Description of Activity/Procedure

Description of Activity

Introduction:

In this project-based lesson students will create a multimedia "Roman Holiday" tour where they'll discover ancient historic structures juxtaposed on the geography that is Rome today. Students will compare and contrast monuments and buildings delving into past history and current geography as they explore the streets of Rome. They'll share their travels and gained knowledge by creating their own virtual 3D learning experience in Google Earth and by "blogging" their journey and creating a wiki travel journal.

Procedure:

Teachers create a short Roman tour using Google Earth 5.0 to introduce students to touring in Google Earth and to provide direct instruction on using the Google Earth interface. Next the teacher outlines for students these directions in the form of a student challenge by showing this Google Presentation: <http://tinyurl.com/romelesson>

Ten Days in Rome! You and your team are about to embark on a trip to the city that was the center of the Roman Empire. You'll choose your route, stopping along the way at ten locations. At each location you explore, you'll compare Ancient Rome with today's geography and architecture and you'll post your adventures on a blog. Your travel blogs will include links to the recorded Google Earth Tours of your experience (which might be interviews with fictional local historians who'll explain the background of the Ancient monuments and buildings you visit). You'll share your discoveries about Rome of the past and Rome of today in a wiki travel guide and a



multimedia travel tour in Google Earth. By visiting your travel guide and accessing your Google Earth KMZ file we'll gain a realistic view of what ancient Rome was like as well as enjoy your holiday experience. Your travel vehicle will be Google Earth!

<http://earth.google.com/rome/> With the following layers:

- Ancient Rome
- Street View
- 3D Buildings

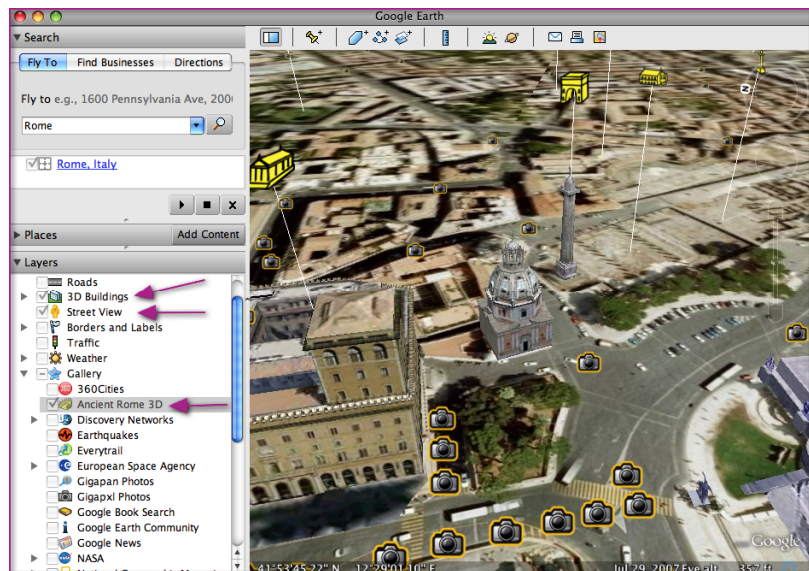
Guided Practice

Teacher demonstrates how to set up the Google Earth layers with the following instructions and students follow along on computers:

1. Open Google Earth, twist down the Layers, click on 3D Buildings, Street View and Ancient Rome (in the Gallery Layer).
2. Next type "Rome" into the search box at the top. Once in Rome...zoom in to see the ancient structures (yellow icons), the 3D architecture and current street views (camera icons).
3. To further explore the Ancient Rome architecture and access the history, students are instructed to click on one of the yellow Ancient Rome building icons and in the Placemark that pops up, click on "Ancient Terrain" and then "Ancient Roman Landmarks" to zoom inside. Students are asked to explore the buildings and to read the information and follow the links in the Placemark. Other layers that might be helpful for students are the National Geographic Layer (under the Gallery layer) and Places (under the Geographic Web layer).

Independent Practice

4. Student travel teams set up a Google Site <http://sites.google.com/> for team planning and to serve as a finalized travel guide. As they explore Google Earth, they select their ten Roman holiday stops based on the Ancient Rome locations. Each page of their Google Site will reference one of those locations. Travel teams can add "Pages" and "Files" to the Google Site and will add the Google Earth KMZ file of their trip when finished. Travel pages will include information on each locale and a description of the historical information teams discover. Team's Google Sites pages will explain the significance of their locale and how



the structure, building or monuments were part of Roman History. The teams will also include descriptions and images of Rome today taking note of current geography and structures. Research sources for images and information is to be included in MLA format on each page.

5. Student travel teams also set up a Blog <http://www2.blogger.com/> where they'll post daily about their virtual ten day Roman Holiday. Each student team member in turn, posts to the blog. Class members will read blogs as trips unfold and contribute comments. Blog entries include descriptions of place, a discourse on the history of the locale, a journal account of the trip and at least one podcast and video about the experience. The podcasts and video will be fictional accounts (as if they were there) of factual information that the students have researched about their holiday locations.
6. Student teams create a multimedia tour of their trip in Google Earth. Students reference and add "Placemarks" at each destination on their trip. As they stop at each Ancient Rome location they have selected, they can learn more by following the links in the Ancient Rome Placemarks. Information learned can be added to a podcast radio show students might produce or a mash-up video about their trip. In each Placemark description they include links to their blog, podcasts or embedded YouTube video students produce about that day's stop.

Closure

7. Once the student tour is complete, students save the Roman Holiday KMZ file to the desktop of the computer and then attach it to the "files" page of the Google Sites travel guide for easy access by the class.
8. Students recap their holiday with the class by showing their multimedia Google Earth Tour and by sharing their Google Sites travel guide.

Materials/Equipment Needed

Access to Computer and Internet, Google Earth 5.0 downloaded on computer

Additional Resources

Links:

- Google Earth Ancient Rome 3D http://earth.google.com/rome/index.html#utm_campaign=en&utm_medium=ha&utm_source=en-ha-na-us-sk-earrom&utm_term=ancient%20rome
- California State Content Standards-History Social Science <http://www.cde.ca.gov/ci/cr/cf/documents/histsocsciframe.pdf>
- Blogger <http://www.blogger.com/>
- Google Sites <http://sites.google.com/>
- Google Earth Users Guide <http://earth.google.com/userguide/v4/>
- National Geographic WorldWide Quiz – Rome http://travel.nationalgeographic.com/places/places-of-a-lifetime/romequiz.html?source=sem_G1749&s_kwcid=ContentNetwork%7C2682492287&kwid=ContentNetwork%7C2682492287&gclid=CIT5tNPCy5gCFQMdgwodfUHO0Q Standards Addressed

Standards Addressed

- Grades 6 - 8 California State History Social Science Chronological and Spatial Thinking
 - 3. Students use a variety of maps and documents to identify physical and cultural features of neighborhoods, cities, states, and countries and to explain the historical migration of people, expansion and disintegration of empires, and the growth of economic systems.



- History-Social Science Content Standards. - World History and Geography: Ancient Civilizations
 - Grade 6: 6.7 Students analyze the geographic, political, economic, religious, and social structures during the development of Rome.
 - Grade 7: 7.1 Students analyze the causes and effects of the vast expansion and ultimate disintegration of the Roman Empire 1. Study the early strengths and lasting contributions of Rome and its ultimate internal weaknesses.

NET Standards addressed

- 1. Creativity and Innovation: Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.
- 4. Critical Thinking, Problem Solving, and Decision Making: Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.

Assessment/Evaluation

- Using a rubric teachers assess:
 - Quality and accuracy of research information - Multimedia tour shows evidence of content research and Roman history and geography knowledge. Sources are cited correctly.
 - Student Blogs accounts are show informative and entertaining writing. They have a clear and meaningful description of the trips location show an understanding of the events of the time.
 - Quality and participation in posts to the Google Site pages. In their page posts students are able to compare and contrast the Rome of today with Ancient Rome • Student teams self-critique their tours and Google Site

Follow-up Activities/Next Steps/Future Lessons:

Blogs, Google Site and Google Earth Roman Holiday tours are linked to school website for parent and community leaning. Students create additional Google Earth history trip tours for other geographic areas they study.

What's Next

Blogs, Google Site and Google Earth Roman Holiday tours are linked to school website for parent and community leaning. Students create additional Google Earth history trip tours for other geographic areas they study.

Contributor

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