

Bring the World to Your Classroom Book Study

Instructor of Record: Dominique Dynes

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Course Credit: 1.0 graduate credits

Dates & Times: Online: June 15- 29, 2019
The student must spend a minimum of 5 hours per week online for three weeks working in the Learning Management System to complete course requirements.

LMS LINK:

<https://www.edtechteam.online/products/bring-the-world-into-your-classroom-online-course>

COURSE DESCRIPTION:

The Google Earth tools enable everyone to interpret and understand the concept of “place” meanwhile making connections to cultures, nature, locations, physical features, environmental changes, and more. Increase students’ geo-literacy skills, by giving them tools to help them reason about, and make decisions, regarding Earth systems.

The Bring the World to Your Classroom Online Course will equip you to teach your students how to explore and create using new Google Earth, Google Maps, Google My Maps, Street View, Tour Builder, and more! You’ll find practical and powerful ways to ...

- Make student thinking visible so you can see how they are interpreting geographic data.
- Ask Why? and How? questions based on observations and synthesized connections.

- Create beautiful and informative maps and tours by using placemarks, paths and areas with your imported data including text, images and YouTube videos.
- Allow students to demonstrate their knowledge and tell both narrative and explanatory stories embedded within a place.
- Help your students travel the world near and far without leaving the classroom.
- Design lessons that make any subject come alive in new and exciting ways.
- Understand how Google Earth tools work with GSuite for Education.

STUDENT LEARNING OUTCOMES:

Upon completion of this course, the student will be able to:

1. Design lessons and activities for the classroom that include the use of Google Earth tools.
2. Use Google Maps for inquiry and build background knowledge of earth systems.
3. Understand how to create informative maps My Maps with data and multiple layers to build geographical awareness.
4. Create immersive learning experiences with 360° imagery.
5. Explore and use Google Earth to create new knowledge and understand all features of Google Earth (Voyager, 3-D, layers, search, measurement, My Places, KML import, etc)
6. Create with Tour Builder to build rich narrative and explanatory stories embedded within place.
7. Share student work with Google Earth tools in a variety of places (i.e. Embed in Google Sites, Open Tour Builder in Google Earth,) to make student thinking visible.

TEXTS, READINGS, INSTRUCTIONAL RESOURCES:

Required Text:

- Kermode, Kelly, and Kim Randall. *Bring the World to Your Classroom: Using Google Geo Tools*. EdTechTeam Press, 2018.

COURSE REQUIREMENTS:

In order to receive a Passing grade, the participant must complete the following course requirements:

1. Complete Learning Matrix: For each topic, students must insert an artifact from their learning, not limited to links or screenshots of work samples, written or video reflections, and contributions to collaborative resources.

2. Final Project: Design and a lesson plan or HyperDoc that includes the use of multiple Google Earth tools. Lesson Plan or HyperDoc includes Google Earth tools, inquiry and follows a learning cycle.

GRADE DISTRIBUTION AND SCALE:

Grade Distribution:

| | |
|-----------------|-----|
| Learning Matrix | 40% |
| Final Project | 60% |

Grade Scale:

| | |
|---------------|---|
| 90-100% | A |
| 80-89% | B |
| 70% and below | F |

GRADING RUBRICS:

Learning Matrix:

| | Learning Matrix Activities | Learning Matrix Reflections |
|---|---|--|
| Exceeds Expectations (90-100%) | Activities are thoughtful and complete. All expectations for each section were met or exceeded. | Reflection shows a thorough understanding of using Google Earth tools and implementation in the classroom. Explains thinking and learning process and implementations for future learning. Extensive evidence of personal growth through this course. |
| Meets Expectations (80-89%) | Activities are complete. All expectations for each section were met. | Reflection is thoughtful and shows understanding of Google Earth tools and implementation in the classroom. Explains thinking and learning process and might include implementations for future learning. Evidence of personal growth through this course. |
| Does Not Meet Expectations (60-79%) | Activities are not fully complete. | Reflection describes the use of Google Earth tools but might not include its implications in the classroom. Little evidence of personal growth through this course. |
| Incomplete (under 59%) | No evidence of activities completed. | No evidence of reflection. |

Final Project: Lesson Plan or HyperDoc

| | Integrate Learning Cycle | Integrate Technology |
|---|--|---|
| Exceeds Expectations (90-100%) | Lesson plan/HyperDoc is highly detailed, and goes above and beyond to seamlessly integrate a learning cycle. | Lesson plan/HyperDoc goes above and beyond to integrate technology including Google Earth tools and inquiry into the lesson to engage all students. |
| Meets Expectations (80-89%) | Lesson plan/HyperDoc is detailed, and integrates a learning cycle. | Lesson plan/HyperDoc integrates technology including Google Earth tools and inquiry into the lesson to engage all students. |
| Does Not Meet Expectations (60-79%) | Lesson plan/HyperDoc may be lacking in one or more area, or does not integrate a learning cycle. | Lesson plan/HyperDoc partially integrates technology including Google Earth tools and inquiry to engage some or all students. |
| Incomplete (under 59%) | No evidence of a completed lesson plan or HyperDoc. | No evidence of technology or Google Earth tools and inquiry in the lesson plan or HyperDoc. |

COURSE SCHEDULE:

Course Date or Session

Topics and Assignments

| | |
|--------|--|
| Week 1 | Course Introduction Sharing Our Learning Module 1: Build Geographical Awareness using My Maps Module 2: See the World with Google Maps |
| Week 2 | Module 3: Create an Immersive Learning Experience with Global Imagery Module 4: Exploring Virtual Reality and Creating Multimedia Projects with 360° Images |
| Week 3 | Module 5: Creating a Narrative with Maps and Tour Builder Module 6: Creating New Knowledge and Curiosity with Google Earth |
| Week 4 | Module 7: Using Video as a Tool for Communication Module 8: Google Tools for Research Final Project & Reflection |

