



Project 3D VIEW (Virtual Interactive Environmental Worlds)

Project 3D-VIEW 2008-09 School Year Course Requirements (Graduate Credit & CEU's):

All work must be submitted by May 1, 2009

1. Attend and actively participate in all online sessions and complete homework assignments.
2. Create a reflective electronic portfolio that illustrates that you have met the course objectives:
 - ✓ *Demonstrate content knowledge in each of Earth's spheres.*
 - ✓ *Understand the interconnectedness of Earth's spheres.*
 - ✓ *Identify common misconceptions within the content topics, and learn to facilitate activities intended to dispel these myths.*
 - ✓ *Become familiar with a variety of 3D technologies and be able to implement them in the classroom.*
 - ✓ *Access and utilize real-time scientific data from various technologies and sources and apply them to the study of Earth systems.*
 - ✓ *Adopt new and innovative inquiry and technology-based teaching and learning strategies.*

(See next page for details)

4. Submit all work through the e-folio system by May 1st.

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Electronic Portfolio Assignment:

You will be creating an electronic portfolio to demonstrate successful program implementation.

As you implement the program(s), reflect critically on how the program is helping to improve student interest, understanding, or achievement.

Follow the following steps to complete your portfolio:

1. Review the course objectives for this course;
 - *Demonstrate content knowledge in each of Earth's spheres.*
 - *Understand the interconnectedness of Earth's spheres.*
 - *Identify common misconceptions within the content topics, and learn to facilitate activities intended to dispel these myths.*
 - *Become familiar with a variety of 3D technologies and be able to implement them in the classroom.*
 - *Access and utilize real-time scientific data from various technologies and sources and apply them to the study of Earth systems.*
 - *Adopt new and innovative inquiry and technology-based teaching and learning strategies.*
2. As you implement, the program, collect 'artifacts' that illustrate how you have met your course objectives, and passed them on to your students. Artifacts can be in many forms including, but not limited to: *-student work samples (such as scanned student writings, posters, or journal entries; video/audio recordings of presentations; photographs of work; etc.)*
 - digital photographs of students actively engaging in activities*
 - lesson plans showing how you are incorporating program into your instruction*
 - assessments you have created based on the programs*
 - results of assessments*
 - PowerPoint presentations created by you for use during class, or by your students*
 - notes from parents indicating changes they have seen in their children*
 - letters from supervisors discussing the program implementation*
3. Select the two artifacts that most effectively illustrate that you have met each objective.
4. Write a short (one paragraph) reflection for each artifact that describes why you selected the artifact and what it shows.
5. Write a 2-4 page reflective essay that briefly describes how you implemented the program in your classroom, and how the portfolio illustrates successful implementation. Explain how the program affected your own planning and instruction, your content knowledge, and also your students' learning and success.

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