



CITERA 2008 Summer Workshop

WEEK 1 – On site

Monday: June 23

8:00 am to 9:30 pm

- Outlining goals, objectives, and expected outcomes of the workshop
- Goals for module development and examples of past teacher modules

9:45 am to 12:00 pm

- 21st Century Skills
- Introduction to the Online Environment

1:00 pm to 5:00 pm

- Overview of how graphics programming and simulation are used in WVHTC Projects
 - Cluster and Visualization Environments
 - Simulation Research Laboratory
 - Intelligent Flight Control
 - AmberView
- Fieldtrip

Tuesday: June 24

8:00 am to 12:00 am

- Blog/Feedback
- VRML programming introduction
 - A short history of VRML
 - Authoring VRML worlds
 - Tools and resources for VRML
- Downloading VRML resources
- VRML tutorials and WebPages
- VRML exploration

1:00 pm to 5:00 pm

- National overview of IT careers speaker
- Local IT careers panel
- IT Educational programs panel
- K-12 Education Panel

Wednesday: June 25

8:00 am to 12:00 pm

- Blog/Feedback
- VRML explorations

1:00 pm to 2:30 pm

- Choosing module topics

2:45 pm to 5:00 pm

- Example of Inquiry Based Learning
- Blog/Feedback

Thursday: June 26

8:00 am to 12:00 pm

- VRML explorations

1:00 pm to 1:30 pm

- Regroup to finalize module topics

1:30 pm to 2:00 pm

- Groups report on topic selection

2:15 pm to 3:30 pm

- Inquiry Based Learning Activity

3:30 pm to 5:00 pm

- Introduction to Task Stream
- Blog/Feedback

Friday: June 27

8:00 am to 12:00 pm

- VRML explorations

1:00 pm to 2:30 pm

- Identifying and Integrating
 - o Content Standards and Objectives
 - o ISTE-NETS for Students
 - o IT standards for inclusion in modules
 - o 21st Century skills

2:45 pm to 5:00 pm

- Work in groups to start lessons
- Blog/Feedback

WEEK 2 - 5 – Online

- Digital Citizenship: Computer Ethics/Copyright
- 21st Century Skills, Tools and Assessments (resources)
- Peer Mentoring of Modules (reading/rubric)
- Finalize VRML project
- Develop inquiry based lessons incorporating VRML and standards
- Group meetings with CITERA Review Team
- Create shareable models using Task Stream
- Share final modules with group
- Final lesson proof and uploading
- Wrap-up and evaluation activities

Important Information to Note:

RESA VIII Teacher Workshop - Jun 23-27

RESA VIII Student Workshop - July 28 – Aug 1

RESA VIII Online Course Due Dates -

VRML Project due July 4th

Original postings due July 11th

Lesson plans due July 18th

Peer reviews due July 25th

Follow-up postings due July 25th