

Los Angeles Science Education Reform System
Los Angeles Unified School District and It's About Time Partnership

Agenda

California State University, Los Angeles
5151 State University Dr., Los Angeles, CA 90032
Friday and Saturday, March 3 & 4, 2006
8:00 a.m. – 3:00 p.m.

OBJECTIVES:

- Use LAUSD Instructional Guide – ICS1
- Perform and examine Chapters 9-10 activities to deepen understanding on how activities build to the Chapter Challenge
- Perform activity debrief using story line template
- Use LAUSD Story Line Template to connect experimental evidence, content standards/big idea and Chapter Challenge
- Address content literacy strategies that will assist student understanding of Bio Talk

EXPECTED OUTCOMES:

- Participants will present a chapter challenge outline
- Participants will perform an activity debrief

Friday, March 3, 2006 8:00AM to 3:00PM

7:30 – 8:10 Sign – in

8:10 – 8:15 Welcome

Jon Lauritzen, Member, LAUSD Board of Education (BOE)
Todd Ullah, Director, Secondary Science, LAUSD

Allison Bajracharya for Marlene Canter, President, LAUSD BOE
Liza Scruggs, Asst. Superintendent, LAUSD
Tom Laster, President, IAT
Arthur Eisenkraft, Author, Active Physics & Active Chemistry
Diane Watkins, Coordinator, HS Science, LAUSD
Don Kawano, Coordinator, MS Science, LAUSD
Myrna Estrada, ICS Expert, LAUSD
Local District Science Experts/Specialists

8:15 – 8:45 Making Sense of Students' Alternative Conceptions and Their Learning of Science
Tammy Bird, ICS1 Leadership Team

8:45 - 9:00 Walk to Break-out Rooms

In Break-out Groups

Leadership Team

9:15- 11:45 Introduce Chapter Challenge

Chapter 9: A Vote For Ecology

Activity 1 – Diversity in Living Things

Full Model; Literacy Strategy: Vocabulary Skits

Activity 2 – Who Eats Whom

CA, What Do You Think?, For You To Do, Debrief

Activity 3 – Energy Flow in Ecosystems

CA, What Do You Think?, For You To Do

Alternate Activity, Debrief, TE Walk Through, and Inst. Guide

11:45-12:45 Lunch on your own

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- 12:45 – 2:55 Ch 9 - Activity 4: Factors Affecting Population Size
CA, What Do Your Think? For Your To Do
Debrief
- Ch 9 - Activity 5: Competition Among Organisms
CA, What Do Your Think? For Your To Do;
Alternate Debrief
- Ch 9-Activity 6: Succession in Communities
CA, What Do Your Think? For Your To Do, Debrief
Literacy: Mini-Book on Krakatoa
- 2:45 – 3:00 Chapter Challenge Park Selection & Homework

Saturday March 4 2006 8:00AM to 3:00PM
(In Breakout Rooms)

Leadership Team

**Anitha Alagala, Tammy Bird, Tom Canny, Ellen Collins,
Lupe Jimenez Trevor Oystriick, Glenda Pepin,
Paytsar Sasunyan, Andrew Uy, James Wicks
Dave Kukla, Myrna Estrada**

- 8:00-10:00 Ch 9 – Activity 7: The Water Cycle
CA, What Do You Think? For You To Do – Alternate Activity, Debrief,
Literacy: dramatic reading of water dance.
- Ch 9 – Activity 8: Photosynthesis, Respiration, and the Carbon Cycle (Read Only)
- Ch 9 – Activity 9: The Nitrogen and Phosphorous Cycle (Read Only)
Read Only, Literacy: Cycle Poster: Carbon, Nitrogen & Phosphorous
Eco Column – Alternate Activity for Activities 7-9
- 10:00 –11:30 ***Chapter 10: A Highway through The Past***
- Ch 10 – Activity 1: Adaptations
For You To Do, Reading, and Development of Debrief Groups
- Ch 10 – Activity 2: Is it Heredity or the Environment?
For You To Do, Reading, and Development of Debrief
- Ch 10 - Activity 3: Natural Selection
For You To Do, Reading, and Development of Debrief
- 11:30-12:30 **Working Lunch – Eco – Tour Brochure**
- 12:30 – 1:30 Ch 10 – Activity 4: The Fossil Record
Full Model
- 1:30 – 2:00 Ch 10 - Activity 5 Mass Extinction and Fossil Records
CA, What Do You Think? For Your To Do, Debrief
- 2:00 - 2:30 **Challenge Presentations**
- 2:30 – 3:00 Wrap-up; Evaluations; Kit Pick-up (2 small boxes)