

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 2 & 3, 2007
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 Storyboard Template to connect experimental evidence, Content standards/big idea and Chapter Challenge
- ∞ Address content literacy strategies that will assist student understanding of Bio Talk, with a focus on EL strategies.

EXPECTED OUTCOMES:

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

Friday, March 2, 2007 8:00AM to 3:00PM

7:30 – 8:10 Sign – in
8:10 – 8:15 Welcome

Diane Watkins, Coordinator, HS Science, LAUSD
Don Kawano, Coordinator, MS Science, LAUSD
Thomas Yee, Coordinator, Secondary Science, LAUSD
Myrna Estrada, ICS Expert, LAUSD
Local District Science Experts/Specialists
Robert Davis, Sales Coordinator, IAT

8:15 – 8:45 Making Sense of Students' Alternate Conceptions and Their Learning of Science
Tammy Bird, ICS1 Lead Teacher

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 Instructional Guidelines

11:45-12:45 Lunch on your own

12:45 – 2:55 Ch 9 - Activity 4: Factors Affecting Population Size

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

Ch 9 - Activity 5: Competition Among Organisms
CA, What Do You Think? For Your To Do;
Alternate Debrief

Ch 9-Activity 6: Succession in Communities
CA, What Do You Think? For Your To Do, Debrief
Literacy: Mini-Book on Krakatoa

2:45 – 3:00 Chapter Challenge Park Selection & Homework

Saturday March 3, 2007 8:00AM to 3:00PM

Leadership Team

(In Breakout Rooms)

**Anitha Alagala, Tammy Bird, Lupe Jimenez, Trevor Oystriick,
Glenda Pepin, Richard Redman, 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 – 1:45 Ch 10 – Activity 4: The Fossil Record
Groups Demonstrate Debrief

Ch 10 - Activity 5 Mass Extinction and Fossil Records
Groups Demonstrate Debrief

1:45 - 2:30 **Chapter 9-10 Challenge Presentations**

2:30 – 3:00 Wrap-up; Evaluations; Kit Pick-up (2 small boxes)