

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, January 6 & 7, 2006

8:00 a.m. – 3:00 p.m.

OBJECTIVES:

- Use the LAUSD Instructional Guide for ICS1
- Perform and examine Chapters 7-8 activities to deepen understanding on how activities build to the Chapter Challenge
- Perform activity debrief using template
- Use LAUSD Story Line Template to connect experimental evidence, content standards/big idea and Chapter Challenge
- Discuss criteria chart and rubric to raise clear expectations, rigor and align California State Science Standards and LAUSD periodic assessment
- Address content literacy strategies that will assist student understanding of Chem. Talk

EXPECTED OUTCOMES:

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

Friday, January 6, 2006 8:00AM to 3:00PM

7:30 – 8:10 Sign – In

8:10 - 8:30 Welcome
Overview of 9th Grade Science (ICS1) in LAUSD

David Tokofsky, Board Member, LAUSD
Liza Scruggs, Assistant Superintendent, LAUSD
Todd Ullah, Director of Secondary Science, LAUSD
Tom Laster, President, IAT
Arthur Eisenkraft, Author, Active Physics and Active Chem
Dave Mayo, Professor, CSULA
Diane Watkins, Coordinator, HS Science, LAUSD
Don Kawano, Coordinator, MS Science, LAUSD
Myrna Estrada, ICS Program Science Expert, LAUSD
Local District Science Experts/Specialists

8:30 – 9:00 Chemistry as Inquiry

Dave Kukla, Consultant

9:00-9:15 Walk to Break-out Rooms

In Break-out Groups

9:15-9:45 Ch 7 - Activity 1: Organizing a Store
Debrief Activity

9:45-11:00 Ch 7 - Activity 2: Elements and Their Properties
Safety and Preparation of Chemicals
Debrief Activity

11:00-11:45 Ch 7 - Activity 4: Are Atoms Indivisible? (S3-6)

11:45-12:45 **Lunch**

12:45-1:45 Ch 7 - Activity 5: The Chemical Behavior of Atoms
Ch 7 - Activity 6: Atoms With More Than One Electron

1:45-2:45 Ch 7 - Activity 7: How Electrons Determine Chemical Behavior
Ch 7 - Activity 8: How Atoms Interact With Each Other

Prepare Ch 8 – Activity 2 and Activity 7 Chemical Reagents, and Chapter Challenge

2:45-3:00 Homework and Wrap-Up

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

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Saturday January 7, 2006 8:00AM to 3:00PM Leadership Team

Salazar Hall E184

8:00-8:30 What Is At The End Of A Rainbow?
Safety First!!!

(In Breakout Rooms)

8:45-10:00 Chapter Challenge Development and Presentation

10:00 – 11:15 Ch 8 – Activity 2: More Chemical Changes
Demonstrate Debrief

11:15-11:45 Ch 8 - Activity 3: Chemical Names and Formulas (Step 6-10 only)
Demonstrate Debrief

11:45-12:45 **Lunch**

12:45-1:30 Ch 8 - Activity 5: Chemical Energy
Demonstrate Debrief

1:30-2:30 Ch 8 – Activity 7: Acids, Bases and Indicators – Colorful Chemistry
Demonstrate Debrief

2:30-3:00 Evaluations/Kit Pick-up (2 1/2 boxes) **Chemicals will be delivered
to your school**

Happy New Year

LAUSD approved chemical list - <http://www.lausd-oehs.org/CSC/SearchResults.asp>

PLEASE VISIT OUR WEBSITE: <http://www.lausd-ics.com>

➤ **PDF files of Teacher's Edition**

- **EarthComm**
- **Active Physics**
- **Active Chemistry**
- **Active Biology**