

SEPUP ACADEMY 2009

Silverthorne, Colorado

July 27-31

AGENDA

- *Hotel: La Quinta Inn and Suites, 560 Silverthorne Lane, Silverthorne CO 1-970-468-6200 (<http://www.lq.com/lq/properties/propertyProfile.do?ident=LQ891&propId=891>)*
- *Meeting location: Keystone Science School, 1628 St Johns Rd., Keystone CO (about a 5- minute drive from LaQuinta)*
- *Participants bring laptops, samples of student work (optional, extra credit!)*
- *Mark's cell phone: 510-562-6245*

SEPUP Academy Staff

- Mark Koker, LAB-AIDS Director of Curriculum, San Leandro, CA
- Dick Duquin, LAB-AIDS Senior Consultant, Kenmore NY
- Kathy Burke, LAB-AIDS Senior Consultant, Buffalo, NY
- Ginny Rehberg, LAB-AIDS Senior Consultant, Tacoma WA

This meeting will host the SEPUP ACADEMY as well as CONSULTANTS for LAB-AIDS; they will jointly attend the first two days and separate on day three for a specific, targeted program appropriate for each group.

Monday, July 27

Participants travel to the La Quinta Inn and Suites in Silverthorne, check in time is 3 pm. If you are not renting a car, Mark has arranged and pre-paid a shuttle ride with Colorado Mountain Express (www.cmex.com). You will need to contact CME prior to arrival to arrange a pickup and receive a confirmation number. Upon arrival at DIA, collect baggage and proceed to the CMEX kiosk, where you will receive instructions on how to meet your van driver.

6.00 Welcome BBQ, Patio (Group)

Be sure to find your nametags, meet and greet!

Tuesday, July 28

7:45 Assemble in Lobby for short van ride to Keystone Science School

8:00 Continental Breakfast

8.30 Welcome and introductions, *Group*

- 8:45 Meeting overview, *Mark*
- 9:00 SEPUP Top Ten, *Mark*
What's most important about SEPUP? Is it the issues? The support for literacy and assessment? The cute little trays and bottles? This activity will help put it all in perspective.
- 10:00 Using notebooks in SEPUP, *Dick*
Notebooks give students more ownership of their learning and provide powerful tools for learning and analysis.
- 10:45 Using Issues in SEPUP, *Dick*
Over the years, SEPUP has become known for its use of societal and personal issues to drive the science curriculum. In this session, we take a closer view of the selection and use of issues in SEPUP.
- 12:30 Lunch
- 1:30 Writing to learn in SEPUP, *Mark*
A summary of approaches in SEPUP to support literacy and learning through writing.
- 3:00 Inquiry in SEPUP, *Kathy and Dick*
Inquiry teaching and learning is generally familiar to most secondary science teachers, but represents a complex construct defined differently by most of us. We will take a look at how inquiry is defined and used in SEPUP using activities from selected SEPUP program materials
- 5:00 Dismiss
- 6:00 Dinner (LaQuinta, Room TBA)

Wednesday, July 29

- 7:45 Assemble in Lobby for short van ride to Keystone Science School
- 8:00 Continental Breakfast
- 8:30 Tip of the day *Dick*
- 9:00 Conceptual flow in SEPUP, *Dick*
This tool helps spotlight the content in SEPUP and how concepts are linked.
- 10:00 Science content in SEPUP, *Dick and Kathy*
A closer look at how SEPUP supports depth of science content and understanding.
- 12:00 Differentiated instruction in SEPUP, *Mark*
Increasingly teachers are asked to modify a basic lesson plan to accommodate students of differing abilities and learning styles. Perhaps not unsurprisingly, this support is embedded in the SEPUP program, and we will show you how.

12:45 Box lunch and Mid-conference break
We thought you would enjoy some time to yourself here in the high country. Mark will lead a locals only hike near Vail Pass, Dick will lead an avid bike-rider group, or you can shop locally – ‘till you drop! We will discuss options in the morning to give you time to decide.

6:00 Dinner, on your own!

Thursday, July 30

7:45 Assemble in Lobby for short van ride to Keystone Science School

8:00 Continental Breakfast

8:30 Existential Frog Theatre, *Dick and Kathy*
Back by popular demand, direct from the bright lights (and broken dreams) of Broadway!

8:45 Consultants meet with Mark, Room TBA

8:45 Assessment in SEPUP, *Dick and Kathy*
The assessment system in SEPUP has been in development since 1995, and has received national interest and acclaim. This session will present an overview of the best assessment system that teachers never use, with attention to criteria setting with the scoring guides, and coaching teachers.

11:00 Literacy in SEPUP, Kathy
SEPUP develops and integrates strategies to support student reading comprehension, writing, oral language, and synthesizing information. This session will include a review of the strategies using selected SEPUP program materials.

12:00 Lunch

1:00 **Electives**

Choose the electives you would like to attend and find your session leader in the breakout rooms. Workshops repeat as noted on the program description. These are intended to be small group-type sessions, with 4-8 participants each.

Session title	1:00	2:15	3:30
Managing SEPUP classrooms	√		
Improving teacher participant attitudes	√		
Leading effective post-lab discussions		√	
Adult learners and facilitation		√	
Misconceptions			√
Vocabulary in SEPUP			√

- Improving teacher participant attitudes (Leadership), Dick
Afflicted by grumpy teachers in your workshops? This session can help!

- Managing a SEPUP Classroom, *Kathy*
If you teach long enough, it all starts to make sense. Here is an opportunity to pick the brains of a master SEPUP teachers and trainers.
- Working with adult learners and workshop facilitation (Leadership), *Dick*
What are the differences between adult learners and children? What is your preferred learning style? How can this knowledge help you as a workshop leader?
- Working with student misconceptions/alternative beliefs, *Dick*
Students' core beliefs are surprisingly resistant to change. How does the SEPUP program address student misconceptions and working to promote conceptual change?
- Leading effective post-lab discussions, *Kathy*
Come check out the "head fake" and other tools to dig deeper into student understanding. Without it, the hands-on is just playing.
- Vocabulary and SEPUP, *Kathy*
Not your usual drill and practice!

4:30 Final conference evaluation and group photo

6:00 Dinner (LaQuinta, Room TBA)

Friday, July 31

6:00 – 12:00 Continental breakfast in hotel lobby. Safe travels back home!