

2009 STEP Summer Institute Schedule

June 8-19, 2009

Monday, Day 1

8:00 – 10:00

Scientist Pretests
Participant Introductions
Daily Schedule Review
Class Registration
Laptop Checkout, Tee-shirts, and Per Diem payout

10:00-12:00

Alaska Science Consortium (ASC) Group 1 (Globe Room)
ASC assessment of GLE and science content knowledge, process skills introduction and activities. Participants will keep a daily reflective journal of each day's events.
Online Course (OC) Group 2 (WRRB Conference Room) work on thematic/instructional lesson units.

12:00 - 1:00

Lunch

1:00 – 2:30

"Volcanoes in the Solar System" - R. Herrick

2:30 - 5:00

"Remote Sensing of the Redoubt 2009 Eruption" - P. Webley

5:15-5:30

Load Bus to Turtle Club (if ride needed)

6:00

Dinner at Turtle Club

8:00-9:00

Load bus and return to dorms

Homework

Take-home test for R. Herrick and P. Webley

Tuesday, Day 2

8:00 – 12:00

Test due for R. Herrick and P. Webley
"Aerosols in Alaska" - C. Cahill

12:00 – 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)
GLE review, introduction to best practice teaching skills and the ASC Learning Cycle Model (informal loop activity), building assessments, self, peer, and instructor assessments, review scientist content.
Online Course (OC) Group 2 (WRRB Conference Room) work on thematic/instructional lesson units.

Homework

Take-home test for C. Cahill

Wed. Day 3

8:00 - 12:00

"Aerosols in Alaska" - C. Cahill

12:00 - 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)
Translation Groups: Participants work in grade level groups to discuss ways of translating earth science content, scientific explorations and activities presented by the scientists, into lessons for K-12 students. Begin work on LCM lesson. (Due Tues., June 16th) Discrepant event.
Bertram/Kaden (BK) Group 2 (WRRB Conference Room) work on thematic/instructional lesson units.

Homework Take-home test for C. Cahill

Thurs. Day 4

8:00 - 11:00

Test Due for C. Cahill
"Volcanism and Redoubt Volcano" - J. Dehn

11:00-12:00

"Infrasound" - C. Szuberla

12:00 - 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)
Translation Groups: Work on LCM lesson. Discrepant event.
Online Course (OC) Group 2 (WRRB Conference Room) work on thematic/instructional lesson units.

Homework

Take-home test for J. Dehn and C. Szuberla

Friday, Day 5

8:00am – 5:00

Chena Hot Spring Field-trip

Homework

Take-home test for J. Dehn and C. Szuberla

Monday, Day 6

8:00 - 12:00

Test due for J. Dehn and C. Szuberla
"2009 Eruptions at Mt. Redoubt" - J. Beget and M. Keskinen

12:00 - 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)
Translation Groups: Work on LCM lesson. Discrepant event.
Online Course (OC) Group 2 (WRRB Conference Room) work on pre-service on-line course development.

Homework

Take-home test for J. Beget and M. Keskinen

Tuesday, Day 7

8:00 -9:00

"2009 Eruptions at Mt. Redoubt" - J. Beget and M. Keskinen

9:00-12:00

Ash Field-trip to Chena Ridge/Gold Hill

12:00 - 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)
Translation Groups: Work on LCM lesson. Lesson due to TG leader at 5pm. Discrepant event.
Online Course (OC) Group 2 (WRRB Conference Room) work on pre-service on-line course development.

Homework

Take-home test for J. Beget and M. Keskinen

Wed. Day 8

8:00 - 12:00

Test due for J. Beget and M. Keskinen
"Radar in Your Remote Sensing Toolbox" - J. Nicoll

12:00 - 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)
Translation Groups: Make any revisions to LCM lesson. Discrepant event.
Online Course (OC) Group 2 (WRRB Conference Room) work on pre-service

on-line course development.

Thurs. Day 9

8:00 - 12:00

Test due for J. Nicoll

"How Volcanoes Breathe and Glaciers Creep--Tracking Surface Deformation" - F. Meyer

12:00 - 1:00

Lunch

1:00 – 5:00

ASC Group 1 (Globe Room)

Discrepant event. Lesson presentations. All final work including revisions due to TG leader at 5pm.

Online Course (OC) Group 2 (WRRB Conference Room) work on pre-service on-line course development.

Homework

Take-home test for F. Meyer

Friday Day 10

8:00 – 8:15

Test due for F. Meyer

8:15-12:00

ASC Group 1 (Globe Room)

Discrepant event. Lesson presentations.

Online Course (OC) Group 2 (WRRB Conference Room) participation in case study.

12:00 – 1:00

Lunch

1:00 – 2:15

ASC Group 1 (Globe Room)

Discrepant Event. Lesson presentations.

Online Course (OC) Group 2 (WRRB Conference Room) participation in case study.

2:15 – 3:15

Participant feedback session

3:15 – 4:15

STEP evaluation

4:15-5:00

Wrap-up: Turn in parking passes, laptops, jump drives, goodbyes :(