

Monday June 29, 2009

Time	Description
8:30	Welcome - Sandra Cruz Pol
8:45	Introductions - Sandra Cruz Pol
9:00	What is CASA - José Colom
9:30	Pre-Workshop Evaluation - Sandra Cruz Pol
10:00	Break
10:15	What is STEM? - Kevin Kloesel
10:30	Goals of the Workshop - Staff and Teachers
10:45	What is Research? - Kevin Kloesel
11:00	Goals of the Workshop - Staff and Teachers
11:15	What are National Standards? - Kevin Kloesel
11:30	Goals of the Workshop - Staff and Teachers
11:45	Lunch
12:30	Math Content Module Math as a Language – Kevin Kloesel Electromagnetic Spectrum – Sandra Cruz Pol Journal Writing – Teachers
2:00	Break
2:15	Math Laboratory Electromagnetic Spectrum Lab – Staff Electromagnet Circuit Hands-On Activity Microwave Oven Lab - Staff
4:00	Break
4:15	Day 1 Reflections - Paula Rees Journal Writing Questions for clarification Research Project Ideas - Math
4:45	Goals for Day 2 - Staff
5:00	Adjourn for the day

Tuesday June 30, 2009

Time	Description
8:30	Technology Content Module Weather Radars– Sandra Cruz Pol
10:00	Break
10:15	Technology Laboratory Field trip to UPRM Radar Will visit PR1 and PR2 (EWR)
11:30	Lunch
12:30	Engineering Content Module Intro to Engineering – Anura Jayasumana Engineering Complex Systems – Anura Jayasumana
2:00	Break
2:15	Engineering Laboratory Sensor Laboratory – Anura Jayasumana Solar Circuit Hands-On Activities
4:00	Break
4:15	Day 2 Reflections – Paula Rees Journal Writing Questions for clarification Research Project Ideas – Technology & Engineering
4:45	Goals for Day 3 – Staff
5:00	Adjourn for the day
6:00	Dinner at Chancellor's Residence Garden The CASA K-12 welcome dinner will start with a buffet and the acoustic sound of Pedro Velásquez. The dressing code is casual.

Wednesday July 1, 2009

Time	Description
8:30	Science Content Module Weather Phenomena and Weather Radar Imagery – Kevin Kloesel
10:00	Break
10:15	Science Laboratory Using Radar Guns – Sandra Cruz Pol
11:30	Lunch
12:30	Societal Relevance Module Integration of Social Sciences – Walter Díaz CASA End User Integration – Walter Díaz
2:30	Break
2:45	Day 3 Reflections – Paula Rees Journal Writing Questions for Clarification Research Project Ideas – Science and Societal Relevance
3:30	Goals for 2009-2010 – Paula Rees
4:00	Break
4:15	Workshop Post Test
4:30	Workshop Evaluation - Staff
5:00	Adjourn for the day

Thursday July 2, 2009

Time	Description
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<http://casa.ece.uprm.edu>