

Mathematics/Physical Science Educator Cohort (ME-Cohort)

2009-2010 Academic Year — Midterm Workshop Daily Schedule (May 17–21 & 24–28, 2010)

Schedule of Workshop Presenters and Session Themes (LBVSC 202 / LBVSC 209)

	Time	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1, May 17–21, 2010	9:00–10:25	Dr. Rohitha Goonatilake <u>Welcome & Introduction</u> Administrative Activities	Dr. Juan R. Lira (9:00–9:30) Dr. Qingwen Ni Mathematics in Physics	Dr. Eugenio Jaramillo Chemistry, No Need For A Lab!	Dr. Ramon Alaniz Biology/Physical Science in the Classroom	Mr. Tomás Rodríguez, Jr. Cryptography
	Break					
	10:35–12:00	Mr. Gerardo Pinzon Trigonometry: the Forgotten Link	Dr. Qingwen Ni Mathematics in Physics	Dr. Eugenio Jaramillo Chemistry, No Need For A Lab!	Dr. Ramon Alaniz Biology/Physical Science in the Classroom	Mr. Tomás Rodríguez, Jr. Cryptography
	Lunch Break (plan it yourself)					
	12:50–2:15	Mr. Gerardo Pinzon Trigonometry: the Forgotten Link	Mr. Gerardo Pinzon Trigonometry: the Forgotten Link	Prof. Miguel San Miguel Binomial Theorem	Ms. Concepcion Hickey (30 min) Mr. Juan J. Arellano, Jr. Mathematics of Community Issues	Dr. Qingwen Ni Mathematics and Physics
Break						
2:25–3:50	Mr. Gerardo A. Perez International Year of Astronomy: 400 years of the Telescope	Mr. Gerardo A. Perez International Year of Astronomy: 400 years of the Telescope	Prof. Miguel San Miguel Binomial Theorem	Mr. Juan J. Arellano, Jr. Mathematics of Community Issues	Dr. Qingwen Ni Mathematics and Physics	
Week 2, May 24–28, 2010	9:00–10:25	Dr. David K. Milovich, Jr. Simple calculator explorations of chaos	Dr. Chihiro Oshima Logic in Mathematics	Mr. Juan J. Arellano, Jr. & Mr. David C. Gomez, Jr. Exploring Our Intuition	Dr. Cathy L. Guerra Literature in the Science Classroom	Participants' Experience Presentations Extension/Enrichment Discussions
	Break					
	10:35–12:00	Dr. David K. Milovich, Jr. How the Global Positioning System (GPS) uses general relativity	Dr. Chihiro Oshima Logic in Mathematics	Mr. Juan J. Arellano, Jr. & Mr. David C. Gomez, Jr. Exploring Our Intuition	Dr. Cathy L. Guerra Literature in the Science Classroom	Participants' Experience Presentation Extension/Enrichment Discussions
	Lunch Break (plan it yourself)					
	12:50–2:15	Dr. Arturo Limon Integrating Digital Documentary Processes for Science and Math	Mr. Gerardo Pinzon Water Usage at Home	Dr. Fernando G. Quintana Mathematics in Biology	Mr. Juan J. Arellano, Jr. Functions & Misconceptions	Participants' Experience Presentation Extension/Enrichment Discussions
Break						
2:25–3:50	Dr. Arturo Limon Integrating Digital Documentary Processes for Science and Math	Mr. Gerardo Pinzon Water Usage at Home	Dr. Fernando G. Quintana Mathematics in Biology	Mr. Juan J. Arellano, Jr. Functions & Misconceptions	Closing Activities & Planning for the Academic Year	

More information about this program can be found at <http://www.tamtu.edu/~rbachnak/STEMRRG/Files/HSSstudents.html> & at <http://www.tamtu.edu/~rbachnak/STEMRRG/index3.html>.