

2011 IAAP Teachers Workshop Schedule

Day	Time	Topic	Presenter / Responsible Person
Monday	12:00 - 1:00 p.m.	Registration / Lunch at Lewis University	Linda Hiltabrand, Retired IDNR-OMM
Monday	1:00 - 1:45 p.m.	Welcome and Pick Your Rock Activity	R. Skip Nelson, PhD. (Illinois State Univ.) & Mike Boyda (Vulcan Materials Co.)
Monday	1:45 - 2:45 p.m.	Overview of Illinois Geology	Joanne Kluessendorf, PhD. (Weis Earth Science Museum)
Monday	2:45 - 3:15 p.m.	The Value of Fossils	Don Mikulic, PhD. (Illinois State Geological Survey)
Monday	3:15 - 3:30 p.m.	Break	Mike Boyda
Monday	3:30 - 4:15 p.m.	Using Fossils Activity	Joanne Kluessendorf & Don Mikulic
Monday	4:15 - 5:00 p.m.	History of Illinois Stone Industry	Don Mikulic
Monday	5:00 - 5:30 p.m.	Free Time (board bus at 5:30)	Mike Boyda
Monday	5:30 - 5:50 p.m.	Travel to Bolingbrook Quarry (mine safety instruction)	Mike Boyda
Monday	5:50 - 8:40 p.m.	Bolingbrook Quarry (Dinner with sponsors and guests, mining equipment simulators, quarry tour)	Mike Boyda
Monday	8:40 - 9:00 p.m.	Travel back to Lewis University	Mike Boyda
Tuesday	7:15 - 8:00 a.m.	Breakfast	Lewis University
Tuesday	8:00 - 8:30 a.m.	Introduction to Aggregate Uses (videos)	Mike Boyda
Tuesday	8:30 - 9:15 a.m.	Good Stone - Bad Stone	Skip Nelson, Dave Sivill (Central Stone Company) & Erick Staley (GZA GeoEnvironmental, Inc.)
Tuesday	9:15 - 10:00 a.m.	Life Cycle of a Mine: Exploration and Operations	Kip Smith (AMEC Environment & Infrastructure)
Tuesday	10:00 - 10:15 a.m.	Break	Mike Boyda
Tuesday	10:15 - 11:00 a.m.	Cake Drilling Activity	Anne Leslie (Raimonde Drilling Company) & Russ Brielman (Carri Scharf Materials)
Tuesday	11:00 - 11:45 a.m.	Having a Blast Every Day	Mike Dayton (Dyno Nobel)
Tuesday	11:45 - 12:30 p.m.	Lunch	Mike Boyda
Tuesday	12:30 - 12:45 p.m.	Metamorphic Sandwich	Dave Sivill
Tuesday	12:45 - 1:30 p.m.	Birdseed Mining Activity	Kip Smith
Tuesday	1:30 - 2:15 p.m.	Rocks & Minerals in Our Daily Lives	Jim Bastian (Hanson Material Service) & Becky Kazmierski (CTLGroup)
Tuesday	2:15 - 3:00 p.m.	Toothpaste Activity	Linda Hiltabrand & Becky Kazmierski
Tuesday	3:00 - 3:15 p.m.	Break	Mike Boyda
Tuesday	3:15 - 4:00 p.m.	Life Cycle of a Mine: Sustainability and Reclamation	Linda Hiltabrand & Erick Staley
Tuesday	4:00 - 4:45 p.m.	Cookie Mining Activity (distribute educational materials)	Linda Hiltabrand & Alan Shoemaker (Tuscola Stone Co.)
Tuesday	4:45 - 5:15 p.m.	Free Time (board bus at 5:15)	Mike Boyda
Tuesday	5:15 - 6:00 p.m.	Travel to Thornton Quarry	Mike Boyda
Tuesday	6:00 - 7:00 p.m.	Tour Thornton Quarry (crushed stone production, limestone reef structure, MWRD water retention)	Jim Bastian, Don Mikulic & Joanne Kluessendorf
Tuesday	7:00 - 9:00 p.m.	Dinner	Jim Bastian
Tuesday	8:00 - 8:45 p.m.	Teaching Rocks, Minerals & Mining in the Classroom	Trisha Brown (Bradford Junior High School)
Wednesday	7:00 - 8:00 a.m.	Breakfast & Check-out (board bus at 8:00)	Lewis University
Wednesday	8:00 - 8:30 a.m.	Travel to Heritage Quarries Recreation Area in Lemont (CPDU credit, mine safety instruction)	Mike Boyda & Shawn McKinney (IAAP)
Wednesday	8:30 - 9:30 a.m.	Tour Heritage Quarries Recreation Area (building stone & geological formation)	Don Mikulic, Joanne Kluessendorf & Skip Nelson
Wednesday	9:30 - 10:00 a.m.	Travel to Gaylord Historical Building and Canal	Mike Boyda
Wednesday	10:00 - 10:30 a.m.	Tour Gaylord (cut stone, canal transport)	Don Mikulic, Joanne Kluessendorf & Skip Nelson
Wednesday	10:30 - 11:00 a.m.	Travel to Flagstone Quarry	Mike Boyda
Wednesday	11:00 - Noon	Tour Flagstone Quarry (landscape and building stone production)	Don Mikulic, Joanne Kluessendorf & Skip Nelson
Wednesday	12:00 - 12:30 p.m.	Travel to Romeoville Quarry	Mike Boyda
Wednesday	12:30 - 1:15 p.m.	Lunch at Romeoville Quarry	Mike Boyda
Wednesday	1:15 - 2:30 p.m.	Tour Romeoville Quarry (witness blast; barge, rail & truck transportation)	Jim Bastian, Don Mikulic, Joanne Kluessendorf
Wednesday	2:30 - 3:00p.m.	Return to Lewis and wrap-up (certificate and questionnaire)	Mike Boyda, Shawn McKinney & Linda Hiltabrand