

Workshop Schedule July 17-19, 2017				
Clock Hours	Day	Time	Topic or Activity	Presenter / Responsible Person
	Monday	10:15 - 11:00 a.m.	Registration at Chestnut Mountain Resort	Linda Hiltabrand (Retired IDNR-OMM)
0.75	Monday	11:00 - 11:45	Presenter Introduction, Grad Credit Workbook, Knowledge Evaluation, and Pick Your Rock Activity	R. Skip Nelson, PhD. (Illinois State Univ.), Lisa Tranel, PhD. (Illinois State Univ.) & Mike Boyda (Vulcan Materials)
0.5	Monday	11:45 - 12:45 p.m.	Lunch & Knowledge Evaluation Review	Mike Boyda & Shawn McKinney (IAAP)
1.25	Monday	12:45 - 2:00 p.m.	Overview of Illinois Geology	Joanne Kluessendorf, PhD. (Weis Earth Science Museum)
	Monday	2:00 - 2:15	Break	
0.75	Monday	2:15 - 3:00	The Stone Industry of Illinois	Don Mikulic, PhD. (Retired Univ. of Illinois)
0.75	Monday	3:00 - 3:45	The Importance of Fossils	Don Mikulic, PhD. & Joanne Kluessendorf
0.75	Monday	3:45 - 4:30	Using Fossils Activity	Joanne Kluessendorf & Don Mikulic
1	Monday	4:30 - 5:30	Bedrock Geology Using Google Earth	Lisa Tranel, PhD.
	Monday	5:30 - 6:00 p.m.	Free Time	
	Monday	6:00 - 7:30 p.m.	Dinner and discussions with industry sponsors, presenters and guests	Mike Boyda
0.5	Monday	7:30 - 8:00 p.m.	IDNR Rock Box exhibit (specimens of Illinois' mined rocks and minerals)	Dean Spindler (IDNR - Office of Mines and Minerals)
	Tuesday	7:00 - 8:00 a.m.	Breakfast and discussions with presenters	
0.75	Tuesday	8:00 - 8:45 a.m.	Life Cycle of a Mine: Exploration and Operations	Kip Smith (AMEC Foster Wheeler)
0.75	Tuesday	8:45 - 9:30 a.m.	Cake Drilling Activity	Dan Larson & Becky Kazmierski (LafargeHolcim)
0.75	Tuesday	9:30 - 10:15 a.m.	Life Cycle of a Mine: Reclamation and Sustainability	Becky Andrews (Fairmount Santrol) & Linda Hiltabrand
	Tuesday	10:15 - 10:30 a.m.	Break	
0.75	Tuesday	10:30 - 11:15 a.m.	Birdseed Mining Activity	Kip Smith
0.75	Tuesday	11:15 - Noon	Having a Blast Every Day	Keith Henderson (Buckley Powder)
	Tuesday	Noon - 12:45 p.m.	Lunch and discussions with presenters	Mike Boyda
0.25	Tuesday	12:45 - 1:00 p.m.	Metamorphic Sandwich	Dave Sivill (Central Stone)
0.75	Tuesday	1:00 - 1:45 p.m.	Good Stone - Bad Stone	Skip Nelson, Dave Sivill & Becky Kazmierski
0.5	Tuesday	1:45 - 2:15 p.m.	How much aggregate, asphalt, or concrete do I need and what will it cost?	Scott Letzter (LafargeHolcim) & Mike Boyda
0.75	Tuesday	2:15 - 3:00 p.m.	Toothpaste Making Activity	Linda Hiltabrand & Yolanda Shuster (Material Service Testing)
	Tuesday	3:00 - 3:15 p.m.	Break	
0.75	Tuesday	3:15 - 4:00 p.m.	Rocks & Minerals of Your School Day	Dean Spindler
0.75	Tuesday	4:00 - 4:45 p.m.	Cookie Mining Activity	Linda Hiltabrand & Yolanda Shuster (Material Service Testing)
0.75	Tuesday	4:45 - 5:30 p.m.	Teaching Rocks, Minerals & Mining in the Classroom (educational materials)	Caroline Makere (Orr Academy High School)
	Tuesday	5:30 - 6:00 p.m.	Free Time	
1	Tuesday	6:00 - 8:00 p.m.	Dinner and discussions; walking geology tour at Chestnut Mountain	Mike Boyda, Don Mikulic, Joanne Kluessendorf & Skip Nelson
	Wednesday	7:00 - 8:00 a.m.	Breakfast and room check out (board bus at 8:15)	Chestnut Mountain Resort
0.5	Wednesday	8:30 - 9:30	Travel, Knowledge Evaluation, discussion about cut stone houses in Galena	Shawn McKinney, Don Mikulic, Joanne Kluessendorf & Skip Nelson
2	Wednesday	9:30 - 11:30	Lead mine and museum in Platteville	Don Mikulic, Joanne Kluessendorf & Skip Nelson
0.25	Wednesday	11:30 - 12:15	Travel to Galena and mine safety instruction	
	Wednesday	12:15 - 1:15	Lunch	Brian Jockish (Buckley Powder)
1	Wednesday	1:30 - 2:30	Tranel Quarry (fossil identification and calcite collecting)	Don Mikulic, Joanne Kluessendorf & Skip Nelson
0.25	Wednesday	2:45 - 3:00	Virtue Quarry (rock products used for construction)	Don Mikulic, Joanne Kluessendorf & Skip Nelson
0.75	Wednesday	3:15 - 4:00	Horseshoe Mound geology	Don Mikulic, Joanne Kluessendorf & Skip Nelson
	Wednesday	4:30	Return to Chestnut and wrap-up	Shawn McKinney & Lisa Tranel
20.25	Total Clock Hours			