

Workshop Schedule July 10-12, 2023				
Clock Hours	Day	Time	Topic or Activity	Presenter / Responsible Person
	Monday	10:15 - 11:00	Registration at Chestnut Mountain Resort in Galena	Linda Hiltabrand (Retired IDNR-OMM) & Amy Reeves (RiverStone Group)
0.75	Monday	11:00 - 11:45	Presenter Introduction, Grad Credit Workbook, and Pick Your Rock Activity	Becky Kazmierski (Holcim), Lisa Tranel, PhD. (Illinois State Univ.) and Kelly Kircher (Vulcan Materials)
0.25	Monday	11:45 - 12:45	Lunch & Knowledge Evaluation Review	Shawn McKinney (IAAP)
1	Monday	12:45 - 1:45	Overview of Illinois Geology	Don Mikulic, PhD. (Weis Earth Science Museum)
0.75	Monday	1:45 - 2:30	The Importance of Fossils	Don Mikulic
	Monday	2:30 - 2:45	Break	
1	Monday	2:45 - 3:45	Using Fossils Activity	Don Mikulic & Dave Sivill (Central Stone-retired)
1	Monday	3:45 - 4:45	Bedrock Geology Using Google Earth	Lisa Tranel
	Monday	4:45 - 5:00	Break	
0.75	Monday	5:00 - 5:45	Galena Area Mining Industry	Don Mikulic
	Monday	5:45 - 6:00	Break	
	Monday	6:00 - 7:00	Dinner and discussions with workshop presenters	
0.5	Monday	7:00 - 7:30	IDNR Rock Box and Rock & Minerals samples	Vishnu Srinivasaraghavan & Dan Wheeler (IDNR Office of Mines & Minerals)
	Tuesday	7:00 - 8:00	Breakfast and discussions with presenters	
0.75	Tuesday	8:00 - 8:45	Life Cycle of a Mine: Exploration and Operations	Kip Smith (Borrego Solar)
0.75	Tuesday	8:45 - 9:30	Core Drilling Activity	Kelly Kircher & Becky Kazmierski (Holcim)
0.33	Tuesday	9:30 - 9:50	Life Cycle of a Mine: Reclamation	Linda Hiltabrand
0.33	Tuesday	9:50 - 10:10	Life Cycle of a Mine: Sustainability	Jess Koetzle (Heidelberg Materials)
	Tuesday	10:10 - 10:30	Break	
0.75	Tuesday	10:30 - 11:15	Birdseed Mining Activity	Steve McChesney (Hey & Associates) & Kip Smith
0.75	Tuesday	11:15 - 12:00	Having a Blast Every Day	Mark Spaniel (Orica)
	Tuesday	12:00 - 12:45	Lunch and discussions with sponsors	
0.25	Tuesday	12:45 - 1:00	Metamorphic Sandwich	Amy Reeves
0.75	Tuesday	1:00 - 1:45	Good Stone - Bad Stone	Becky Kazmierski, Jess Koetzle, & Dave Sivill
0.5	Tuesday	1:45 - 2:15	How much aggregate, asphalt, or concrete do I need?	Olivia Devine (Holcim)
	Tuesday	2:15 - 2:30	Break	
1	Tuesday	2:30 - 3:30	Rocks & Minerals in Everyday Life; Geological Jeopardy	Vishnu Srinivasaraghavan & Dan Wheeler
0.75	Tuesday	3:30 - 4:15	Cookie Mining	Linda Hiltabrand & Kelly Kircher
0.75	Tuesday	4:15 - 5:00	Teaching Rocks, Minerals & Mining in the Classroom	Tammy Greene (4th Grade Teacher at Kings School 144)
	Tuesday	5:00 - 5:30	Break	
	Tuesday	5:30 - 6:15	Dinner and discussions	
0.5	Tuesday	6:15 - 6:45	Collaboration with participants & educational materials	Lisa Tranel
	Wednesday	7:30 - 8:30	Breakfast and room check out (board bus at 8:30)	Shawn McKinney
0.5	Wednesday	8:30 - 9:30	Travel, Knowledge Evaluation, discussion about cut stone houses in Galena	Don Mikulic
2	Wednesday	9:30 - 11:30	Mining & Rollo Jamison Museums in Platteville, WI	Don Mikulic
0.25	Wednesday	11:30 - 12:15	Travel to Galena and mine safety instruction	Shawn McKinney
	Wednesday	12:15 - 1:15	Lunch	
1	Wednesday	1:30 - 2:30	Tranel Quarry (rock products used for construction; fossil and calcite collecting)	Don Mikulic
0.84	Wednesday	2:45 - 3:35	Virtue Quarry (rock products and fossil/mineral collecting)	Don Mikulic
0.75	Wednesday	3:45 - 4:30	Walking geology tour at Chestnut Mountain (unglaciated area of Illinois; Mississippi River; karst & rock strata)	Don Mikulic & Lisa Tranel

19.5 Total Professional Development Contact Hours