

Workshop Schedule July 19-21, 2021				
Clock Hours	Day	Time	Topic or Activity	Presenter / Responsible Person
	Monday	10:15 - 11:00 a.m.	Registration at Pere Marquette SP Vistors Center	Linda Hiltabrand (Retired IDNR-OMM)
0.75	Monday	11:00 - 11:45	Presenter Introduction, Grad Credit Workbook, Knowledge Evaluation, and Pick Your Rock Activity	Mike Boyda (Vulcan Materials - retired), Lisa Tranel, PhD. (Illinois State Univ.) & Shawn McKinney (IAAP)
0.5	Monday	11:45 - 12:45 p.m.	Lunch & Knowledge Evaluation Review	Mike Boyda & Shawn McKinney
1	Monday	12:45 - 1:45 p.m.	Overview of Illinois Geology	Don Mikulic, PhD. (Weis Earth Science Museum)
0.75	Monday	1:45 - 2:30 p.m.	The Stone Industry of Illinois	Don Mikulic
	Monday	2:30 - 2:45 p.m.	Break	
1	Monday	2:45 - 3:45 p.m.	Bedrock Geology Using Google Earth	Lisa Tranel
0.75	Monday	3:45 - 4:30 p.m.	The Importance of Fossils	Don Mikulic
1	Monday	4:30 - 5:30 p.m.	Using Fossils Activity	Don Mikulic & Dave Sivill (Central Stone)
	Monday	5:30 - 6:00 p.m.	Break	
1	Monday	6:00 - 8:00 p.m.	Dinner and discussions with industry presenters. Walking geology tour at park	Mike Boyda
	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 (Borrego Solar)
0.75	Tuesday	8:45 - 9:30 a.m.	Cake Drilling Activity	Dan Larson & Becky Kazmierski (LafargeHolcim)
	Tuesday	9:30 - 9:50 a.m.	Life Cycle of a Mine: Reclamation	Linda Hiltabrand
0.75	Tuesday	9:55 - 10:15 a.m.	Life Cycle of a Mine: Sustainability	Steve McChesney (Hey and Associates)
	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
0.75	Tuesday	1:00 - 1:45 p.m.	Good Stone - Bad Stone	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?	Mike Boyda
0.75	Tuesday	2:15 - 3:00 p.m.	Toothpaste Making Activity	Linda Hiltabrand
	Tuesday	3:00 - 3:30 p.m.	Break	
0.75	Tuesday	3:30 - 4:15 p.m.	Rocks & Minerals of Your School Day	Vishnu Srinivasaraghavan (IDNR - Office of Mines and Minerals)
0.75	Tuesday	4:15 - 5:00 p.m.	Cookie Mining Activity	Linda Hiltabrand & Maryrose Ramacci
0.75	Tuesday	5:00 - 5:45 p.m.	Teaching Rocks, Minerals & Mining in the Classroom	Angela Jeffries (Cowden-Herrick Elementary School)
0.75	Tuesday	5:45 - 6:30 p.m.	Collaboration with participants (educational materials)	Lisa Tranel
0.5	Tuesday	6:30 - 7:00 p.m.	IDNR specimens of Illinois' mined rocks and minerals	Vishnu Srinivasaraghavan
	Tuesday	7:00 - 8:30 p.m.	Dinner and discussions with industry sponsors, presenters and guests	All presenters & Jack Branz (Fred Weber - Bluff City Minerals)
	Wednesday	7:00 - 8:00 a.m.	Breakfast and room check out (board bus at 8:00)	
0.25	Wednesday	8:00 - 8:15 a.m.	Travel, Knowledge Evaluation	Shawn McKinney
0.75	Wednesday	8:15 - 9:00 a.m.	Grafton Visitors Center - Stone Mining History	Don Mikulic & Becky Kazmierski
	Wednesday	9:00 - 9:15 a.m.	Travel to Piasa Park	Don Mikulic & Becky Kazmierski
0.5	Wednesday	9:15 - 9:45 a.m.	Piasa Park - Lime Industry History & Tunnel Entrance	Don Mikulic & Becky Kazmierski
	Wednesday	9:45 - 10:00 a.m.	Travel to Bluff City Minerals (mine safety instruction)	Don Mikulic & Becky Kazmierski
1.5	Wednesday	10:00 - 11:30 a.m.	Bluff City Minerals - underground mining	Don Mikulic & Becky Kazmierski
	Wednesday	11:30 - 11:45 a.m.	Travel to Riverview Park	Don Mikulic & Becky Kazmierski
0.5	Wednesday	11:45 - 12:45 p.m.	Riverview Park - geology and lunch	Don Mikulic & Brian Jockish (Buckley Powder)
	Wednesday	12:45 - 1:00 p.m.	Travel to Great Rivers Museum	Don Mikulic & Becky Kazmierski
1	Wednesday	1:00 - 2:00 p.m.	National Great Rivers Museum	Don Mikulic & Becky Kazmierski
	Wednesday	2:00 - 2:30 p.m.	Travel to Quarry	Don Mikulic & Becky Kazmierski
1	Wednesday	2:30 - 3:30 p.m.	Shakespeare Aggregates Godfrey - surface mining, mineral and fossil collecting	Don Mikulic & Becky Kazmierski
	Wednesday	4:00 p.m.	Return to Lodge & Wrap-up	Shawn McKinney & Lisa Tranel

21.75 Total Professional Development Hours