

Presenter	Surname	First	Title	Grade Levels	Focus*	Day	Session	Session Times
Marc Chiffert	Chiffert	Marc	Opportunities In Engineering	11 12 PS Gen	S T E M	Monday	Session #1	10:30 - 11:45 am
Linda Fusco	Fusco	Linda	Buiding Geodesic Domes	6 7 8 9 10 11 12 PS Gen	S T E M	Monday	Session #1	10:30 - 11:45 am
Perry Gelakis	Gelakis	Perry	Patterns To Algebra in Thinking: Effective Strategies For Making Connections	6 7 8	M	Monday	Session #1	10:30 - 11:45 am
Michael Jabot	Jabot	Michael	Formative Assessment In The STEM Classroom	PK K 1 2 3 4 5 6 7 8 9 10 11 12	S E M	Monday	Session #1	10:30 - 11:45 am
James Kuhl	Kuhl	James	Using Model Hot Air Balloons To Teach Any Subject	PK K 1 2 3 4 5 6 7 8 9 10 11 12 PS Gen	S T E M	Monday	Session #1	10:30 - 11:45 am
Jack Hemenway	Hemenway	Jack	The STEM Academy - Establishing Engineering Habits Of The Mind (K-12)	K 1 2 3 4 5 6 7 8 9 10 11 12	S T E M	Monday	Session #1	10:30 - 11:45 am
Dana Morse	Morse	Dana	Creating An Nspired Learning Classroom	8 9 10 11 12 PS	T M	Monday	Session #1	10:30 - 11:45 am
Raymond Pitcher	Pitcher	Raymond	Infusing Energy Education Into Your Classroom	K 1 2 3 4 5 6 7 8 9 10 11 12	S T	Monday	Session #1	10:30 - 11:45 am
Sara Silverstone	Silverstone	Sara	Evaluation Of STEM Professional Development: What Have We Learned?	3 4 5 6 7 8 9 10 11 12 PS Gen	S M	Monday	Session #1	10:30 - 11:45 am
Olaf Trunzer	Trunzer	Olaf	Fablab Modelmaker In The STEM Collaborative Environment	2 3 4 5 6 7 8 9 10 11 12	S T E M	Monday	Session #1	10:30 - 11:45 am
Patrick Witmer	Witmer	Patrick	Combined Heat And Power- Algebra Problems, Technology And Science	7 8 9	S T M	Monday	Session #1	10:30 - 11:45 am
Dot Brown	Brown	Dot	Enabling 21st Century Science Education	5 6 7 8 9 10 11 12	S T	Monday	Session #2	1:00 - 2:15 pm
Chuck Goodwin	Goodwin	Chuck	Design And Engineer An Air Droppable Survival Shelter For Extreme Winter Conditions	10 11 12 PS	S T E M	Monday	Session #2	1:00 - 2:15 pm
George Herman	Herman	George	Patterson's ActionLABS, CAREERplus and CAREERplus2	9 10 11 12	S T E M	Monday	Session #2	1:00 - 2:15 pm
Ben Lindeman	Lindeman	Ben	Balancing Linear Objects	5 6 7 8	S M	Monday	Session #2	1:00 - 2:15 pm
Blair Madore	Madore	Blair	How To Be A Road Scholar	4 5 6 7 8 9 10 11 12 Gen	S M	Monday	Session #2	1:00 - 2:15 pm
Michael Nehring	Nehring	Michael	Example Of Integrating Science, Technology, Engineering, & Mathematics Through Aerospace	Gen	S T E M	Monday	Session #2	1:00 - 2:15 pm
Dani Novak	Novak	Dani	The Magic Of Www.Geogebra.Org	8 9 10 11 12 PS Gen	T M	Monday	Session #2	1:00 - 2:15 pm
Catherine Saldutti	Saldutti	Catherine	Text And Tech: Broadening Our Idea Of Reading For Math & Science In The Digital Age	6 7 8 9 10 11	S T M	Monday	Session #2	1:00 - 2:15 pm
Mark Hanok	Hanok	Mark	Reading The Landscape East Of Lake Ontario With Middle Grades Math Concepts	5 6 7 8	S M	Monday	Session #2 & 3	1:00 - 3:45 pm
Jim Matthews	Matthews	Jim	Math With Apps To Comp Sci And Tech That Will Increase Student Understanding And Interest	7 8 9 10 11 12 PS	S T E M	Monday	Session #2 & 3	1:00 - 3:45 pm
John Brinkman	Brinkman	John	What I Learned As An Elementary Science Coach	K 1 2 3 4 5	S T M	Monday	Session #3	2:30 - 3:45 pm
Jane Cushman	Cushman	Jane	What Cup Material Holds Coffee The Hottest The Longest?	8 9 10	S T M	Monday	Session #3	2:30 - 3:45 pm
Virginia Head	Head	Virginia	Using Algebra Tiles From Polynomials To Factoring	8 9 10	M	Monday	Session #3	2:30 - 3:45 pm
James Henderson	Henderson	James	Implementation of a Cooperative PK-12 Outreach Component at Syracuse University/SCSD	PK K 1 2 3 4 5 6 7 8 9 10 11 12	S T E M	Monday	Session #3	2:30 - 3:45 pm
Dana Morse	Morse	Dana	Creating The Interactive Mathematics/Science Classroom	8 9 10 11 12 PS Gen	T M	Monday	Session #3	2:30 - 3:45 pm
Jean Pounder	Pounder	Jean	Mars Student Imaging Project	5 6 7 8 9 10 11 12	S	Monday	Session #3	2:30 - 3:45 pm
Frank Roma	Roma	Frank	Using A Home Softener To Demonstrate STEM Principles	8 9 10 11 12	S T E M	Monday	Session #3	2:30 - 3:45 pm
Jan Stark	Stark	Jan	Gears and Ratios	7 8 9 10 11 12	T M	Monday	Session #3	2:30 - 3:45 pm
Peter Turner	Turner	Peter	Applied And Industrial Mathematics For Middle & High School Outreach	6 7 8 9 10 11 12	S M	Monday	Session #3	2:30 - 3:45 pm
Tom Barrowman	Barrowman	Tom	Integrating Stem Into Classrooms Using Lego Robotics	2 3 4 5 6 7 8 9 10 11 12	S T E M	Tuesday	Session #4	9:00 - 10:15 am
Neal Berkin	Berkin	Neal	Creating a Team of Retired STEM Education Supervisors Who Will Improve Teacher Performance	6 7 8 9 10 11 12	S T E M	Tuesday	Session #4	9:00 - 10:15 am
James Carroll	Carroll	James	A Model for Sustainable Expansion of FLL and FTC Programs From Tournament to Classroom	4 5 6 7 8 9 12	T	Tuesday	Session #4	9:00 - 10:15 am
Marc Andre Chiffert	Chiffert	Marc	Math And Science Roots Of Architectural Engineering	Gen	S E M	Tuesday	Session #4	9:00 - 10:15 am
Kim Loucks	Loucks	Kim	How To Solve Problem-Solving For Our Students	3 4 5 6 7 8 9	S T E M	Tuesday	Session #4	9:00 - 10:15 am
Gwendolyn Maturo-Grasso	Maturo-Grasso	Gwendolyn	Science Fairs...Give Way To STEM Fairs- With A "Green Focus."	Gen	S T E M	Tuesday	Session #4	9:00 - 10:15 am
Shawn Reeves	Reeves	Shawn	Learning To Use Large Sets Of Light And Temperature Data	8 9 10 11 12 PS	S T M	Tuesday	Session #4	9:00 - 10:15 am
Beryl Szwed	Szwed	Beryl	Activities that Integrate Math and Science	K 1 2 3 4 5	S M	Tuesday	Session #4	9:00 - 10:15 am
Olaf Trunzer	Trunzer	Olaf	The Future Of Fablab Modelmaker Within The STEM Initiative.	2 3 4 5 6 7 8 9 10 11 12 Gen	S T E M	Tuesday	Session #4	9:00 - 10:15 am
Suzy Koontz	Koontz	Suzy	Math And Movement	PK K 1 2 3	M	Tuesday	Session #4 & 5	9:00 - 11:45 am
Ben Lindeman	Lindeman	Ben	Long Distance Airplanes	3 4 5 6	S E M	Tuesday	Session #4 & 5	9:00 - 11:45 am
Victoria Williams	Williams	Victoria	Improving Measurement Skills In Math And Science	2 3 4 5 6 7 8	S M	Tuesday	Session #4 & 5	9:00 - 11:45 am
Perry Gelakis	Gelakis	Perry	Draw It, Write It, Own It, Expand Your Tool Box To Reach Them All	K 1 2 3 4 5	M	Tuesday	Session #5	10:30 - 11:45 am
Carol Gross	Gross	Carol	The Science Of Water Play With Young Children	PK K 1 2	S M	Tuesday	Session #5	10:30 - 11:45 am
Will Jaacks	Jaacks	Will	STEM Education: NYSED Perspective		S T E M	Tuesday	Session #5	10:30 - 11:45 am
Michael Jabot	Jabot	Michael	Stem Not S, T, E, M	PK K 1 2 3 4 5 6 PS Gen	S E	Tuesday	Session #5	10:30 - 11:45 am
Catherine Saldutti	Saldutti	Catherine	The Ups & Downs Of CO2: Using Mathematical Modeling To Explore A Real Scientific Data Set	6 7 8 9 10 11 12	S M	Tuesday	Session #5	10:30 - 11:45 am
Scott Silverman	Silverman	Scott	Using SSSNOW To Integrate Math, Science, Technology, And Other Middle School Disciplines.	4 5 6 7 8 9 10 11 12 PS Gen	S T M	Tuesday	Session #5	10:30 - 11:45 am
Amy Stephenson	Stephenson	Amy	Smartboard Fun	K 1 2 3 4 5 6 7 8 9 10 11 12	M	Tuesday	Session #5	10:30 - 11:45 am
Joseph Zawicki	Zawicki	Joseph	Using Earth System Science Data In The K-12 Classroom	Gen	S T E M	Tuesday	Session #5	10:30 - 11:45 am
John Brock	Brock	John	Building STEM-Library Media Program Collaboration Through The Lens Of The SED SLMPE Rubric	PK K 1 2 3 4 5 6 7 8 9 10 11 12 PS Gen	S T E M	Tuesday	Session #6	1:00 - 2:15 pm
Marcia Burrell	Burrell	Marcia	Gate Keeping: Teaching Mathematics From A Multicultural Perspective	1 2 3 4 5 6 7 8 9 10 11 12	T M	Tuesday	Session #6	1:00 - 2:15 pm
Michael Jabot	Jabot	Michael	Practice-Based Evidence In The Implementation Of STEM Education	PK K 1 2 3 4 5 6 7 8 9 10 11 12 Gen	S M	Tuesday	Session #6	1:00 - 2:15 pm
Yvette Monachino	Monachino	Yvette	The Basic Mathematics Of Fullerenes	Gen	S M	Tuesday	Session #6	1:00 - 2:15 pm
Dana Morse	Morse	Dana	Nspire Students With The Latest Educational Technology	8 9 10 11 12 PS Gen	T M	Tuesday	Session #6	1:00 - 2:15 pm
Beverly Mowatt - Plaskett	Mowatt-Plaskett	Beverly	Joy Of Math	5 6 7 8	T M	Tuesday	Session #6	1:00 - 2:15 pm
Dani Novak	Novak	Dani	Introduction to GeoGebra	6 7 8 9 10 11 12 PS Gen	T M	Tuesday	Session #6	1:00 - 2:15 pm
Bob Hazen	Hazen	Bob	Eternally Entangled Ellipses In STEM	5 6 7 8 9 11 12	S T E M	Tuesday	Session #6 & 7	1:00 - 3:45 pm
Jim Matthews	Matthews	Jim	Data Collection Activities That Connect Mathematics And Science	6 7 8 9 10	S M	Tuesday	Session #6 & 7	1:00 - 3:45 pm
Eric O'brien	O'brien	Eric	Constructing And Using The 72-Point Geoboard	5 6 7 8 9	T M	Tuesday	Session #6 & 7	1:00 - 3:45 pm
Paul Schwiegerling	Schwiegerling	Paul	The Mathematics Of Vectors In Two And Three Dimensions	10 11 12 PS	S E M	Tuesday	Session #6 & 7	1:00 - 3:45 pm
Douglas Borzynski	Borzynski	Douglas	Structures In Science	5 6 7 8 Gen	S T E	Tuesday	Session #7	2:30 - 3:45 pm
Kathleen Fowler	Fowler	Kathleen	Promoting Mathematics And Physics Using Roller Coaster Design	6 7 8 9 10 11 12	S T E M	Tuesday	Session #7	2:30 - 3:45 pm
Perry Gelakis	Gelakis	Perry	A Tool For Building The Instructional Capacity For Mathematics	Gen	M	Tuesday	Session #7	2:30 - 3:45 pm
Thomas Hayse	Hayse	Thomas	STEM Activities In The Classroom	6 7 8 9 10 11 12	S T E M	Tuesday	Session #7	2:30 - 3:45 pm
Michael Jabot	Jabot	Michael	A Merged Glimpse At MST Data	5 6 7 8	S T M	Tuesday	Session #7	2:30 - 3:45 pm

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Sheila Myers	Myers	Sheila	How To Find And Use Local Data To Construct Lessons On The Environment	7 8 9 10 11 12	S T M	Tuesday	Session #7	2:30 - 3:45 pm
Sharon Vladutu	Vladutu	Sharon	Implementing A School/District-Wide Systemic Solution To Improve Test Scores	K 1 2 3 4 5 6 7 8 9 10 11 12	S T E M	Tuesday	Session #7	2:30 - 3:45 pm
Sergei Abramovich	Abramovich	Sergei	Technology-Enhanced K-12 Mathematics Experiences With An Engineering Focus	Gen	T E M	Tuesday	Session #7	2:30 - 3:45 pm
Clark Greene	Greene	Clark	A STEM Approach To Model Rocketry	7 8 9 10 11 12	S T M	Wednesday	Session #8	9:00 - 10:15 am
Thomas Kubicki	Kubicki	Thomas	Case Study For The Design Of Autonomous Urban Housing	7 8 9 10 11 12	S T E M	Wednesday	Session #8	9:00 - 10:15 am
Caryl Lorandini	Lorandini	Caryl	10/10/10, Not Just Another Day.	6 7 8	S T M	Wednesday	Session #8	9:00 - 10:15 am
John Marconi	Marconi	John	Video Game Design Foundations	9 10 11 12	S T M	Wednesday	Session #8	9:00 - 10:15 am
Brandon Milonovich	Milonovich	Brandon	Educating Youth Through 21st Century Learning in Scratch	1 2 3 4 5	S T M	Wednesday	Session #8	9:00 - 10:15 am
Catherine Saldutti	Saldutti	Catherine	A System Of Systems: Coordinating Math And Science Academic Vocabulary Through The Grades	4 5 6 7 8 9 10 11	S M	Wednesday	Session #8	9:00 - 10:15 am
Jim Brazell	Brazell	Jim	TEAMS A 21st Century Renaissance: Connecting The Dots From STEM To All Disciplines	Gen	S T E M	Wednesday	Session #8 & 9	9:00 - 11:45 am
Suzy Koontz	Koontz	Suzy	Math Buddy Program	PK K 1 2 3 4 5 6 7 8 9 10 11 12 Gen	M	Wednesday	Session #8 & 9	9:00 - 11:45 am
Lisa Strahs-Lorenc	Strahs-Lorenc	Lisa	STEM Career Academies: 21st Century Education For 21st Century Teachers	9 10 11 12 PS	S T E M	Wednesday	Session #8 & 9	9:00 - 11:45 am
Patrick Witmer	Witmer	Patrick	Sustainability And Teaching Algebra: Math Problems And CHP(Combined Heat And Power)	8 9 10	S M	Wednesday	Session #9	10:30 - 11:45 am
Kathy Hoppe	Hoppe	Kathy	Can I Come Back Next Year?™ An Interdisciplinary Approach To Regional Summer School	7 8 PS Gen	S T E M	Wednesday	Session #9	10:30 - 11:45 am
Bill Hunt	Hunt	Bill	Nodal And Mesh Circuit Analysis - Solving Simultaneous Linear Equations	10 11 12	S T M	Wednesday	Session #9	10:30 - 11:45 am
Michael Jabot	Jabot	Michael	21st Century Assessment For The STEM Classroom	PK K 1 2 3 4 5 6 7 8 9 10 11 12	S T M	Wednesday	Session #9	10:30 - 11:45 am
Edward Kafrisen	Kafrisen	Edward	Math In Action...Technology At Work	6 7 8 9 10	S T E M	Wednesday	Session #9	10:30 - 11:45 am
Andy Lueth	Lueth	Andy	Wind Energy Project for your STEM Classroom	Gen	S T E M	Wednesday	Session #9	10:30 - 11:45 am
Dani Novak	Novak	Dani	Theo Jansen Sculptures In Geogebra	10 11 12 PS Gen	M	Wednesday	Session #9	10:30 - 11:45 am
Ray Siegrist	Siegrist	Ray	What's The Best Mathematical Model?!	10 11 12	S M	Wednesday	Session #9	10:30 - 11:45 am