

<i>Presenter</i>	<i>Title</i>	<i>Grade Levels</i>	<i>Focus*</i>	<i>Day</i>	<i>Session</i>	<i>Session Times</i>
Sergei Abramovich	Technology-Enhanced K-12 Mathematics Experiences With An Engineering Focus	Gen	T E M	Tuesday	Session #7	2:30 - 3:45 pm
Tom Barrowman	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	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
Douglas Borzynski	Structures In Science	5 6 7 8 Gen	S T E	Tuesday	Session #7	2:30 - 3:45 pm
Jim Brazell	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
John Brinkman	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
John Brock	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
Dot Brown	Enabling 21st Century Science Education	5 6 7 8 9 10 11 12	S T	Monday	Session #2	1:00 - 2:15 pm
Marcia Burrell	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
James Carroll	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 Chiffert	Opportunities In Engineering	11 12 PS Gen	S T E M	Monday	Session #1	10:30 - 11:45 am
Marc Andre Chiffert	Math And Science Roots Of Architectural Engineering	Gen	S E M	Tuesday	Session #4	9:00 - 10:15 am
Jane Cushman	What Cup Material Holds Coffee The Hottest The Longest?	8 9 10	S T M	Monday	Session #3	2:30 - 3:45 pm
Kathleen Fowler	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
Linda Fusco	Building 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	Patterns To Algebra In Thinking: Effective Strategies For Making Connections	6 7 8	M	Monday	Session #1	10:30 - 11:45 am
Perry Gelakis	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
Perry Gelakis	A Tool For Building The Instructional Capacity For Mathematics	Gen	M	Tuesday	Session #7	2:30 - 3:45 pm
Chuck Goodwin	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
Clark Greene	A STEM Approach To Model Rocketry	7 8 9 10 11 12	S T M	Wednesday	Session #8	9:00 - 10:15 am
Carol Gross	The Science Of Water Play With Young Children	PK K 1 2	S M	Tuesday	Session #5	10:30 - 11:45 am
Mark Hanok	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
Thomas Hayse	STEM Activities In The Classroom	6 7 8 9 10 11 12	S T E M	Tuesday	Session #7	2:30 - 3:45 pm
Bob Hazen	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
Virginia Head	Using Algebra Tiles From Polynomials To Factoring	8 9 10	M	Monday	Session #3	2:30 - 3:45 pm
James Henderson	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
George Herman	Patterson's ActionLABS, CAREERplus and CAREERplus2	9 10 11 12	S T E M	Monday	Session #2	1:00 - 2:15 pm
Kathy Hoppe	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	Nodal And Mesh Circuit Analysis - Solving Simultaneous Linear Equations	10 11 12	S T M	Wednesday	Session #9	10:30 - 11:45 am
Will Jaacks	STEM Education: NYSED Perspective		S T E M	Tuesday	Session #5	10:30 - 11:45 am
Michael Jabot	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
Michael Jabot	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
Michael Jabot	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
Michael Jabot	A Merged Glimpse At MST Data	5 6 7 8	S T M	Tuesday	Session #7	2:30 - 3:45 pm
Michael Jabot	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	Math In Action...Technology At Work	6 7 8 9 10	S T E M	Wednesday	Session #9	10:30 - 11:45 am
Suzy Koontz	Math And Movement	PK K 1 2 3	M	Tuesday	Session #4 & 5	9:00 - 11:45 am
Suzy Koontz	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
Thomas Kubicki	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
James Kuhl	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
Ben Lindeman	Balancing Linear Objects	5 6 7 8	S M	Monday	Session #2	1:00 - 2:15 pm
Ben Lindeman	Long Distance Airplanes	3 4 5 6	S E M	Tuesday	Session #4 & 5	9:00 - 11:45 am
Caryl Lorandini	10/10/10, Not Just Another Day.	6 7 8	S T M	Wednesday	Session #8	9:00 - 10:15 am
Kim Loucks	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
Andy Lueth	Wind Energy Project for your STEM Classroom	Gen	S T E M	Wednesday	Session #9	10:30 - 11:45 am
Blair Madore	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
John Marconi	Video Game Design Foundations	9 10 11 12	S T M	Wednesday	Session #8	9:00 - 10:15 am
Jim Matthews	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
Jim Matthews	Data Collection Activities That Connect Mathematics And Science	6 7 8 9 10	S M	Tuesday	Session #6 & 7	1:00 - 3:45 pm
Gwendolyn Maturro-Grasso	Science Fairs...Give Way To STEM Fairs- With A ""Green Focus.""	Gen	S T E M	Tuesday	Session #4	9:00 - 10:15 am
Jack Hemenway	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
Brandon Milonovich	Educating Youth Through 21st Century Learning in Scratch	1 2 3 4 5	S T M	Wednesday	Session #8	9:00 - 10:15 am
Yvette Monachino	The Basic Mathematics Of Fullerenes	Gen	S M	Tuesday	Session #6	1:00 - 2:15 pm
Dana Morse	Creating An Nspired Learning Classroom	8 9 10 11 12 PS	T M	Monday	Session #1	10:30 - 11:45 am
Dana Morse	Creating The Interactive Mathematics/Science Classroom	8 9 10 11 12 PS Gen	T M	Monday	Session #3	2:30 - 3:45 pm

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Dana Morse	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	Joy Of Math	5 6 7 8	T M	Tuesday	Session #6	1:00 - 2:15 pm
Sheila Myers	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
Michael Nehring	Example Of Integrating Science, Technology, Engineering, & Mathematics Through Aerospace	Gen	S T E M	Monday	Session #2	1:00 - 2:15 pm
Dani Novak	The Magic Of Www.Geogebra.Org	8 9 10 11 12 PS Gen	T M	Monday	Session #2	1:00 - 2:15 pm
Dani Novak	Introduction to GeoGebra	6 7 8 9 10 11 12 PS Gen	T M	Tuesday	Session #6	1:00 - 2:15 pm
Dani Novak	Theo Jansen Sculptures In Geogebra	10 11 12 PS Gen	M	Wednesday	Session #9	10:30 - 11:45 am
Eric O'brien	Constructing And Using The 72-Point Geoboard	5 6 7 8 9	T M	Tuesday	Session #6 & 7	1:00 - 3:45 pm
Raymond Pitcher	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
Jean Pounder	Mars Student Imaging Project	5 6 7 8 9 10 11 12	S	Monday	Session #3	2:30 - 3:45 pm
Shawn Reeves	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
Frank Roma	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
Catherine Saldutti	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
Catherine Saldutti	The Ups & Downs Of CO ₂ : 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
Catherine Saldutti	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
Paul Schwiegerling	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
Ray Siegrist	What's The Best Mathematical Model?	10 11 12	S M	Wednesday	Session #9	10:30 - 11:45 am
Scott Silverman	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
Sara Silverstone	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
Jan Stark	Gears and Ratios	7 8 9 10 11 12	T M	Monday	Session #3	2:30 - 3:45 pm
Amy Stephenson	Smartboard Fun	K 1 2 3 4 5 6 7 8 9 10 11 12	M	Tuesday	Session #5	10:30 - 11:45 am
Lisa Strahs-Lorenc	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
Beryl Szwed	Activities that Integrate Math and Science	K 1 2 3 4 5	S M	Tuesday	Session #4	9:00 - 10:15 am
Olaf Trunzer	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
Olaf Trunzer	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
Peter Turner	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
Sharon Vladutu	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
Victoria Williams	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
Patrick Witmer	Combined Heat And Power- Algebra Problems, Technology And Science	7 8 9	S T M	Monday	Session #1	10:30 - 11:45 am
Patrick Witmer	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
Joseph Zawicki	Using Earth System Science Data In The K-12 Classroom	Gen	S T E M	Tuesday	Session #5	10:30 - 11:45 am