

DACTM/MDSTA Matrix - version 11

Rm	Sessions: 8:00-9:00	Sessions: 9:15-10:15	Sessions: 10:30-11:30 Workshops: 10:30-12:00	Lunch/Exhibits 11:30-1:00	Workshops: 12:30-2:00 Sessions: 1:00-2:00	Sessions: 2:15-3:15
Gym	EXHIBITS Rock Shop	EXHIBITS Rock Shop	EXHIBITS Rock Shop	EXHIBITS Rock Shop	EXHIBITS Rock Shop	EXHIBITS Rock Shop
MC			Becoming a Presidential Award Winner Ma/Sci/Sess, 7-12, Crowder/Roesner		K-5 Science & STEM Extravaganza and Gr. 6-8 Sci. & STEM Extravaganza Sci/Sess, Crowder/Bills	
11	Science Fair Success! Ma/Sci/Sess, 6-12, Egan	Green Schools Energy Investigations, <i>Also at 10:30</i> Sci/Sess, 4-9, Mansour	Green Schools Energy Investigations, <i>Also at 9:15</i> Sci/Sess, 4-9, Mansour		High-Tech, Low Cost NGSS Investigations for Phys. Sci., <i>Also at 2:15</i> Sci/Sess, 6-12, Cizmas	High-Tech, Low Cost NGSS Investigations for Phys Sci, <i>Also at 1:00</i> Sci/Sess, 6-12, Cizmas
12	Brunch on a Mix of ...Juice & Gingerale & Learn 6 Lessons Ma/Sess, 5-9, Neufeld/Link	Snack on Fractions (!) ...to Learn Fraction Operations <i>Also at 1:00</i> Ma/Sess, 2-6, Link/Neufeld	Modeling Chemistry with Animations Instead of Student Whiteboards Sci/Work, 10-12, Kolopajlo		Snack on Fractions (!) to Visualize & Learn Fraction Ops, <i>Also at 9:15</i> Ma/Sess, 2-6, Link/Neufeld	MATH or MAGIC? .. Number Tricks to Algebraic Thinking Ma/Sess, 5-9, Neufeld/Link
14	Healthy Grading - A Moral Imperative, <i>Also at 9:15</i> Sci/Sess, 6-12, Pata	Healthy Grading - A Moral Imperative, <i>Also at 8:00</i> Sci/Sess, 6-12, Pata	Engineerize Your Class: Integrate NGSS Engineer. practices, spice up lessons Sci/Work, 6-12, DeHaan/Hojnacki		Physics Make & Take (90 min) Sci/Work, 6-12, Gell/Dickie	Physics Make & Take (60 min) Sci/Sess, 6-12, Gell/Dickie
16	Experimenting w. 1 Factor at a Time? ...Use Designed Experiments, <i>Also at 9:15</i> Ma/Sci/Sess, 9-12, Plaumann	Experimenting w. 1 Factor at a Time? Be Smart, Use Designed Experiments, <i>Also at 8:00</i> Ma/Sci/Sess, 9-12, Plaumann			Ready Set Go' STEM Edition (3-8) Ma/Sci/Sess, 3-8, Eisenhart/Cayce	Ready Set Go' STEM Edition (PreK-2) Ma/Sci/Sess, PreK-2, Eisenhart/Cayce
18	Use Manips for Concept. Understanding of Place Value & More Ma/Sess, K-6, Wilcox	Supporting Children with K-2 Fluency Standards <i>Also at 2:15</i> Ma/Sess, K-3, Dunn	Challenging Math Problems Worth Solving Ma/Work, K-11, Dunn		Teaching Multiplication Facts Using Reasoning Strategies Ma/Work, 2-6, Dunn	Supporting Children w. K-2 Fluency Standards <i>Also at 9:15</i> Ma/Sess, K-3, Dunn
20		Partner Games to Build Math Fluency, <i>Also at 1:00</i> Ma/Sess, K-3, Liverpool			Partner Games to Build Math Fluency, <i>Also 9:15</i> Ma/Sess, K-3, Liverpool	
23		Algebra 2 over 2 Years - Sharing Our Success <i>Also at 2:15</i> Ma/Sess, 9-12, Imboden	FOIL Is Dead! Use Generic Rectangles to Unify Alg. 1 & 2 Skills, <i>Also at 12:30</i> Ma/Work, 7-12, Imboden		FOIL Is Dead! Use Generic Rectangles to Unify Alg. 1 & 2 Skills, <i>Also at 10:30</i> Ma/Work, 7-12, Imboden	Algebra 2 over 2 Years - Sharing Our Success <i>Also at 9:15</i> Ma/Sess, 9-12, Imboden
24	K-4 Differentiation Strategies that Foster Robust Understanding Ma/Sci/Sess, K-4, Oslund	Gr. 5-8 Differentiation Strategies that Foster Robust Understanding Ma/Sci/Sess, 5-8, Oslund	Using Groupwork in 5-8 to Meet the Needs of Diverse Learners in ... Classrooms Ma/Sci/Work, 5-8, Oslund		Using Groupwork in K-4 to Meet the Needs of Diverse Learners in ... Classrooms Ma/Sci/Work, K-4, Oslund	
44		Becoming a Statistician: It Begins in High School Ma/Sess, 10-12, Heilbrun	Free Stat Tools for You and Your Classroom Ma/Sess, 6-12, Peterson		EveryData Film Festival <i>Also at 2:15</i> Ma/Sess, 6-12, Peterson	EveryData Film Festival <i>Also at 1:00</i> Ma/Sess, 6-12, Peterson
46	Discrepant Events to Kickstart Lessons (K-5) Ma/Sci/Sess, K-5, Badanowski	Discrepant Events to Kickstart Lessons (6-12) Ma/Sci/Sess, 6-12, Badanowski	NGSS Escape Room Challenge (6-12) Sci/Sess, 6-12, Badanowski		Teaching the Human Dimension of Climate Change Sci/Work, 9-12, Badanowski	NGSS Escape Room Challenge (K-5) Sci/Sess, 5-12, Badanowski

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80	Protect. from Superbugs: Fight Against Antibiotic Resistance Sci/Sess, 7-12, Bailey/Chung	STEM Abroad (!!) Ma/Sci/Sess, 7-12, Forsyth/Holloway	Breakout EDU (K-5) Ma/Sci/Work, K-5, Janower/Gill		Breakout EDU (6-12) Ma/Sci/Work, 6-12, Janower/Gill	
81	Are You Moody? <i>Also at 9:15</i> Ma/Sci/Sess, 6-12, Grooms	Are You Moody? <i>Also at 8:00</i> Ma/Sci/Sess, 6-12, Grooms			Get with the Program <i>Also at 2:15</i> Ma/Sci/Sess, 6-12, Grooms	Get with the Program <i>Also at 1:00</i> Ma/Sci/Sess, 6-12, Grooms
120	#Getting Science Done Sci/Sess, 5-12, Bouwman/Bydlowski	Aerial Exploration Environ. Study Sites Sci/Sess, 5-12, Henry/Bydlowski	Foolproof Kites: Easy & Fun for All Sci/Sess, K-5, Bydlowski/Henry		Google Classroom for all Learners, <i>Also at 2:15</i> Ma/Sci/Sess, K-12, Mansoor	Google Classroom for all Learners, <i>Also at 1:00</i> Ma/Sci/Sess, K-12, Mansoor
204	Global Education Experiences (K-5) Sci/Sess, K-5, Opolsky	Global Education Experiences (6-12) Sci/Sess, 6-12, Opolsky	STEM Stations: a New Way to Explore Concepts <i>Also at 2:15</i> Ma/Sci/Sess, 10-12, Pollman			STEM Stations: a New Way to Explore Concepts, <i>Also at 10:30</i> Ma/Sci/Sess, 10-12, Pollman
205	Classroom-Ready Alg. Lessons, <i>Also at 1:00</i> Ma/Sess, 8-11, Nutt	Improving Scores on High Stakes Tests Ma/Sess, 9-12, Nutt	Using the TI-84 to the Upmost, <i>Also at 2:15</i> Ma/Sci/Sess, 7-12, Nutt		Classroom-Ready Alg. Lessons, <i>Also at 8:00</i> Ma/Sess, 8-11, Nutt	Using the TI-84 to the Upmost, <i>Also at 10:30</i> Ma/Sci/Sess, 7-12, Nutt
210	Number Talks: Facilitating Meaningful Math Discourse Ma/Sess, 6-10, Lindemer	Implementing Successful Service Learning Projects in STEM Classrooms Sci/Sess, 1-8, Jawad	Shifting from Traditional Exit Tickets to Equitable Exit Tasks Ma/Sess, 1-8, Harrison/Fields			
213	Using Storyline Routines to Build a Culture of Figuring Out, <i>Also at 9:15</i> Sci/Sess, K-12, Hereau/Wright	Using Storyline Routines to Build a Culture of Figuring Out, <i>Also at 8:00</i> Sci/Sess, K-12, Hereau/Wright	Achieving Active Learning in a ... Flipped Classroom Ma/Sci/Sess, 7-12, Stedman/Bole		Lloyd's Toolbox of Engineering Ideas & Activities Sci/Work, 4-12, Hilger	STEAMing Up Our Educational Programs in K-5 (and 6-12 too!) Ma/Sci/Sess, K-12, Hilger
219			Exploding Dots: Starting with Basic Arithmetic (K-5) Ma/Work, K-5, Bjork		Exploding Dots: From Basic Arithmetic to Calculus (6-12) Ma/Work, 6-12, Bjork	