

Thursday, May 4, 2017

Grades PK-2

#	Location	Time	Title
101	Bauer-Morehouse C	8:00 - 9:00 AM	Learning Together: Co-Teaching to Close the Achievement Gap
102	Bauer-Morehouse A	8:00 - 9:00 AM	Math Mini-Assessments: Quality, Components and Use Cases
103	Lakeview	8:00 - 9:00 AM	Why Formative Assessment Should be a Priority for Every Math Teacher
104	Kern-Brayton Case B	8:00 - 9:00 AM	Maximize Student Learning at the Team Level Using Webb's DOK
105	RWI-Crystal	8:00 - 9:00 AM	Rockin' Out with Rekenreks
106	Bauer-Beaty	8:00 - 9:00 AM	Using Subitizing in Number Talks
107	Bauer-Lightbody	8:00 - 9:00 AM	Developing Number Sense and Addition Readiness in Grades PreK-2
108	YC-NG-Jones	8:00 - 9:00 AM	Number Relationship Activities: Whole, Decimal, Fractions
109	Kern-Stansbury	8:00 - 9:00 AM	MP8: Infuse or Lose!
110	YC-Fordham-Ballenger	8:00 - 9:00 AM	Number Talks and Fluency
111	YC-Cummings	8:00 - 9:00 AM	Building Fact Fluency with Games
127	Bauer-Beaty	9:30 - 10:30 AM	Making Mistakes Matter
128	Kern-Boehr	9:30 - 10:30 AM	Dramatic Play: How It Will Revolutionize Your Mathematics Classroom
133	Lakeview	9:30 - 11:00 AM	Leadership for Math Teacher Learning
134	Kern-Stansbury	9:30 - 11:00 AM	Developing Foundational Math Concepts: Counting
135	Kern-Brayton Case A	9:30 - 11:00 AM	Making Your Mathematics Learning Targets More Than Just Wallpaper!
136	RWI-McGarvey	9:30 - 11:00 AM	Using Visual Representations
137	Kern-Cary	9:30 - 11:00 AM	Ensuring Mathematical Success for All: What's Our Role as Instructional Leaders in a Professional Learning Community?
152	Kraft-Mitchell Dining	9:45 - 10:00 AM	My Own Productive Math Struggles
153	Kraft-Mitchell Dining	10:00 - 10:15 AM	MSP Teachers Engaged in Authentic Mathematics (TEAM) MSP Grant Discussion and Sustainability of Project
154	Kern-Boehr	11:30 AM - 12:30 PM	Math Recreations – More Than Just Fun and Games
155	Bauer-Lightbody	11:30 AM - 12:30 PM	Math Simulations That Deliver the A-Ha Moment
156	Lakeview	11:30 AM - 12:30 PM	Full Stack Lessons
157	Kern-Cary	11:30 AM - 12:30 PM	Take the Number Sense Journey
158	Kern-Brayton Case B	11:30 AM - 12:30 PM	Using iPads with Osmo and Math Expressions Lessons
159	Kern-Brown	11:30 AM - 12:30 PM	Exploring the Subitizing Learning Trajectory
160	Bauer-Beaty	11:30 AM - 12:30 PM	Problem Solving. ALL WAYS... ALWAYS
161	Bauer-Morehouse C	11:30 AM - 12:30 PM	Using Open-Ended Tasks in the Elementary Grades to Encourage High Level Mathematical Thinking
174	Bauer-Morehouse A	1:00 - 2:00 PM	Number Concepts Through Mathematics Stories – Pre-K to 1
175	RWI-Crystal	1:00 - 2:00 PM	Relational Thinking Grades K-3
176	Kern-Cary	1:00 - 2:00 PM	Going Beyond Fast Facts: A Balanced Approach to Assessing Mathematical Fluency
177	RWI-Mahaney	1:00 - 2:00 PM	The Power of Numeracy Routines in Primary Classrooms
178	Kern-Brayton Case B	1:00 - 2:00 PM	Using iPads with Osmo and GO Math! Lessons
179	Bauer-Morehouse C	1:00 - 2:00 PM	Fluency is Not a Simple Idea: Broadening Our Definition for Student Success
180	Lakeview	1:00 - 2:00 PM	Developing Measurement Concepts and Building Connections
199	Kern-Boehr	2:30 - 3:30 PM	Resources Supporting Computer Science Instruction Throughout the K-12 Curriculum
200	Kern-Brayton Case B	2:30 - 3:30 PM	Research-Based Learning Trajectories: What Are They and How Can I Use Them?
201	Kern-Stansbury	2:30 - 3:30 PM	Problems, Problems, Problems! – Using Word Problems to Promote Student Discourse and Efficient Strategy Comprehension
202	Bauer-Boddie	2:30 - 3:30 PM	Results You Want – 5 Engagement Strategies You Can Use Now
203	RWI-Veranda C	2:30 - 3:30 PM	What Makes a Square a Rectangle? Developing Student Understanding of Geometric Shapes
213	Kern-Brown	2:30 - 4:00 PM	Reinforcing Conceptual Understanding Through Game Play
214	Kern-Hanson	2:30 - 4:00 PM	Preparing Students for College and Career Readiness – Kindergarten Through Twelfth Grade
215	Bauer-Morehouse A	2:30 - 4:00 PM	Developing Linear Thinking: A Progression from PreK-2
216	RWI-McGarvey	2:30 - 4:00 PM	How Do We Know Kids Are Getting It?
217	RWI-Crystal	2:30 - 4:00 PM	Reaching For the Standards and Building the Base of Mathematical Development

Thursday, May 4, 2017

Grades 3-5

#	Location	Time	Title
101	Bauer-Morehouse C	8:00 - 9:00 AM	Learning Together: Co-Teaching to Close the Achievement Gap
102	Bauer-Morehouse A	8:00 - 9:00 AM	Math Mini-Assessments: Quality, Components and Use Cases
103	Lakeview	8:00 - 9:00 AM	Why Formative Assessment Should be a Priority for Every Math Teacher
108	YC-NG-Jones	8:00 - 9:00 AM	Number Relationship Activities: Whole, Decimal, Fractions
109	Kern-Stansbury	8:00 - 9:00 AM	MP8: Infuse or Lose!
110	YC-Fordham-Ballenger	8:00 - 9:00 AM	Number Talks and Fluency
111	YC-Cummings	8:00 - 9:00 AM	Building Fact Fluency with Games
112	YC-Huber-Evans	8:00 - 9:00 AM	Building Number Sense with Fractions
113	Kern-Brayton Case A	8:00 - 9:00 AM	Empower Your Students Through Productive Struggle
114	RWI-Veranda C	8:00 - 9:00 AM	Making Sense of Decimals
115	YC-Dominguez-Cox	8:00 - 9:00 AM	Taking Math Expressions to the Next Level
116	Kern-Hanson	8:00 - 9:00 AM	Strengthening Students' Number Sense Through Number Talks
126	Kraft-Mitchell Dining	9:30 - 9:45 AM	Teaching Addition of Fractions: Using Money as an Alternative Strategy
127	Bauer-Beaty	9:30 - 10:30 AM	Making Mistakes Matter
133	Lakeview	9:30 - 11:00 AM	Leadership for Math Teacher Learning
135	Kern-Brayton Case A	9:30 - 11:00 AM	Making Your Mathematics Learning Targets More Than Just Wallpaper!
136	RWI-McGarvey	9:30 - 11:00 AM	Using Visual Representations
137	Kern-Cary	9:30 - 11:00 AM	Ensuring Mathematical Success for All: What's our Role as Instructional Leaders in a Professional Learning Community?
138	RWI-Crystal	9:30 - 11:00 AM	Coding: the Fundamentals of Computer Science as a Component of an Integrated Unit
139	Kern-Brown	9:30 - 11:00 AM	Unique 3D Paper Designs: Engaging and Expanding Student Problem-Solving and Visual Literacy
140	Bauer-Morehouse B	9:30 - 11:00 AM	Get Your Model On
141	Kern-Johnson	9:30 - 11:00 AM	Problem Solving Tasks
152	Kraft-Mitchell Dining	9:45 - 10:00 AM	My Own Productive Math Struggles
153	Kraft-Mitchell Dining	10:00 - 10:15 AM	MSP Teachers Engaged in Authentic Mathematics (TEAM) MSP Grant Discussion and Sustainability of Project
154	Kern-Boehr	11:30 AM - 12:30 PM	Math Recreations – More Than Just Fun and Games
155	Bauer-Lightbody	11:30 AM - 12:30 PM	Math Simulations that Deliver the A-Ha Moment
156	Lakeview	11:30 AM - 12:30 PM	Full Stack Lessons
158	Kern-Brayton Case B	11:30 AM - 12:30 PM	Using iPads with Osmo and Math Expressions Lessons
159	Kern-Brown	11:30 AM - 12:30 PM	Exploring the Subitizing Learning Trajectory
160	Bauer-Beaty	11:30 AM - 12:30 PM	Problem Solving. ALL WAYS... ALWAYS
161	Bauer-Morehouse C	11:30 AM - 12:30 PM	Using Open-Ended Tasks in the Elementary Grades to Encourage High Level Mathematical Thinking
162	Bauer-Morehouse A	11:30 AM - 12:30 PM	Supporting Productive Struggle on Challenging Tasks: Insights from Australia
173	RWI-Veranda C	11:30 AM - 1:00 PM	Use Cubes as a Setting for Your Problem Solving
178	Kern-Brayton Case B	1:00 - 2:00 PM	Using iPads with Osmo and GO Math! Lessons
179	Bauer-Morehouse C	1:00 - 2:00 PM	Fluency is Not a Simple Idea: Broadening Our Definition for Student Success
180	Lakeview	1:00 - 2:00 PM	Developing Measurement Concepts and Building Connections
181	Bauer-Boddie	1:00 - 2:00 PM	Assess Problem Solving Skills by DOING Real Problems
199	Kern-Boehr	2:30 - 3:30 PM	Resources Supporting Computer Science Instruction Throughout the K-12 Curriculum
201	Kern-Stansbury	2:30 - 3:30 PM	Problems, Problems, Problems! – Using Word Problems to Promote Student Discourse and Efficient Strategy Comprehension
202	Bauer-Boddie	2:30 - 3:30 PM	Results You Want - 5 Engagement Strategies You Can Use Now
203	RWI-Veranda C	2:30 - 3:30 PM	What Makes a Square a Rectangle? Developing Student Understanding of Geometric Shapes
213	Kern-Brown	2:30 - 4:00 PM	Reinforcing Conceptual Understanding through Game Play
214	Kern-Hanson	2:30 - 4:00 PM	Preparing Students for College and Career Readiness – Kindergarten through Twelfth Grade
216	RWI-McGarvey	2:30 - 4:00 PM	How Do We Know Kids Are Getting It?
217	RWI-Crystal	2:30 - 4:00 PM	Reaching for the Standards and Building the Base of Mathematical Development
218	Bauer-Morehouse C	2:30 - 4:00 PM	3-D Graphic Organizers to Teach, Organize Information and Formatively Assess
219	Lakeview	2:30 - 4:00 PM	Introduction to Problem-Based Learning

Thursday, May 4, 2017

Grades 6-8

#	Location	Time	Title
101	Bauer-Morehouse C	8:00 - 9:00 AM	Learning Together: Co-Teaching to Close the Achievement Gap
102	Bauer-Morehouse A	8:00 - 9:00 AM	Math Mini-Assessments: Quality, Components and Use Cases
103	Lakeview	8:00 - 9:00 AM	Why Formative Assessment Should be a Priority for Every Math Teacher
117	Bauer-Boddie	8:00 - 9:00 AM	Makey Makey(ing) Opportunities for Computer Science in the Classroom
118	Kern-Cary	8:00 - 9:00 AM	Exploring Number Talks
119	Kern-Boehr	8:00 - 9:00 AM	How to Create Learning Ladders to Fill Math Skill Gaps in the MS
120	RWI-McGarvey	8:00 - 9:00 AM	Finch Robot Loan Program
121	Kern-Johnson	8:00 - 9:00 AM	Developing a Growth Mindset in Our Mathematics Students
122	Bauer-Morehouse B	8:00 - 9:00 AM	Programming Ain't Math
125	Bauer-Ladue	8:00 - 11:00 AM	Building and Tinkering in the Computer Science Classroom
127	Bauer-Beaty	9:30 - 10:30 AM	Making Mistakes Matter
129	YC-Fordham-Ballenger	9:30 - 10:30 AM	Math and...
130	Bauer-Boddie	9:30 - 10:30 AM	Exploring Math with GeoGebra
133	Lakeview	9:30 - 11:00 AM	Leadership for Math Teacher Learning
135	Kern-Brayton Case A	9:30 - 11:00 AM	Making Your Mathematics Learning Targets More Than Just Wallpaper!
142	Bauer-Morehouse A	9:30 - 11:00 AM	Integrating Depth of Knowledge into Your Classroom
143	Bauer-Morehouse C	9:30 - 11:00 AM	Inspirational Ideas for Middle School Math Teachers
144	YC-Cummings	9:30 - 11:00 AM	Make Your Math Students Move
145	YC-Huber-Evans	9:30 - 11:00 AM	Yakety Yak, Yes Talk Back-Getting Students to Talk about Math
146	Kern-Brayton Case B	9:30 - 11:00 AM	Questions, Discourse, and Productive Struggle: Integrating Three Effective Teaching Practices
147	RWI-Veranda C	9:30 - 11:00 AM	Using Transformations to Make Sense of Congruence
152	Kraft-Mitchell Dining	9:45 - 10:00 AM	My Own Productive Math Struggles
153	Kraft-Mitchell Dining	10:00 - 10:15 AM	MSP Teachers Engaged in Authentic Mathematics (TEAM) MSP Grant Discussion and Sustainability of Project
154	Kern-Boehr	11:30 AM - 12:30 PM	Math Recreations – More Than Just Fun and Games
155	Bauer-Lightbody	11:30 AM - 12:30 PM	Math Simulations That Deliver the A-Ha Moment
156	Lakeview	11:30 AM - 12:30 PM	Full Stack Lessons
162	Bauer-Morehouse A	11:30 AM - 12:30 PM	Supporting Productive Struggle on Challenging Tasks: Insights from Australia
163	RWI-Crystal	11:30 AM - 12:30 PM	Eliminate Multiples from Your Instruction...
164	RWI-McGarvey	11:30 AM - 12:30 PM	8 Strategies for the Struggling Learner
165	Kern-Brayton Case A	11:30 AM - 12:30 PM	Fact Fluency Interventions in the Junior High
182	YC-NG-Jones	1:00 - 2:00 PM	Peer Coaching
183	Bauer-Lightbody	1:00 - 2:00 PM	Rethinking Math Class to Increase Student Engagement
184	YC-Huber-Evans	1:00 - 2:00 PM	I've Collected Some Data... Now What?
185	RWI-McGarvey	1:00 - 2:00 PM	Is It the literacy or Is It the Math? Taking Care of the Literacy to Get to the Math
186	Kern-Boehr	1:00 - 2:00 PM	Making the Shift To Target Based Assessments in a Traditionally-Minded School
187	Kern-Brayton Case A	1:00 - 2:00 PM	Minutes Matter – Moving Away from Daily Homework.....
188	YC-Cummings	1:00 - 2:00 PM	Mixing MP 4 & 7 in Meaningful Mathematical Tasks
189	Kern-Hanson	1:00 - 2:00 PM	A Realistic Approach To Standards Based Grading
190	Bauer-Morehouse B	1:00 - 2:00 PM	Math Week: Celebrating a Week of Problem Solving
191	Kern-Johnson	1:00 - 2:00 PM	Mathematically Rich Tasks to Engage and Inform Instruction
192	Bauer-Beaty	1:00 - 2:00 PM	Using Formative Assessment Classroom Techniques to Inform Instruction
199	Kern-Boehr	2:30 - 3:30 PM	Resources Supporting Computer Science Instruction throughout the K-12 Curriculum
204	Bauer-Lightbody	2:30 - 3:30 PM	Adding More "AH HA!" Moments to MS Math
205	Kern-Johnson	2:30 - 3:30 PM	Middle School Math Intervention
206	YC-Fordham-Ballenger	2:30 - 3:30 PM	Teaching Math in a Self-Contained Classroom
207	Kern-Cary	2:30 - 3:30 PM	Exploring Transformations
208	Bauer-Beaty	2:30 - 3:30 PM	Formative Feedback that Guides Learning
209	Bauer-Ladue	2:30 - 3:30 PM	Googlizing Your Math
210	YC-NG-Jones	2:30 - 3:30 PM	Building Statistical Thinkers in the Middle Grades
211	Kraft-Mitchell Dining	2:30 - 3:30 PM	Technology in the Math Classroom - Introduction to the SMART Kapp Whiteboards
213	Kern-Brown	2:30 - 4:00 PM	Reinforcing Conceptual Understanding through Game Play
214	Kern-Hanson	2:30 - 4:00 PM	Preparing students for College and Career Readiness – Kindergarten through Twelfth Grade
219	Lakeview	2:30 - 4:00 PM	Introduction to Problem-Based Learning
220	YC-Huber-Evans	2:30 - 4:00 PM	Uncovering Mathematics with Unit Origami
221	YC-Dominguez-Cox	2:30 - 4:00 PM	My Favorite Math Contest Problems
222	Kraft-Tower Dining	2:30 - 4:00 PM	Proportional Reasoning: Choose Your Numbers with Purpose
223	Bauer-Morehouse B	2:30 - 4:00 PM	Lets Talk About Lines: Building Algebraic Concepts Through Technology
224	YC-Cummings	2:30 - 4:00 PM	Unlocking Linearity
225	Kern-Brayton Case A	2:30 - 4:00 PM	I am Flipped for Math!

Thursday, May 4, 2017

Grades 9-12

#	Location	Time	Title
101	Bauer-Morehouse C	8:00 - 9:00 AM	Learning Together: Co-Teaching to Close the Achievement Gap
102	Bauer-Morehouse A	8:00 - 9:00 AM	Math Mini-Assessments: Quality, Components and Use Cases
103	Lakeview	8:00 - 9:00 AM	Why Formative Assessment Should be a Priority for Every Math Teacher
120	RWI-McGarvey	8:00 - 9:00 AM	Finch Robot Loan Program
121	Kern-Johnson	8:00 - 9:00 AM	Developing a Growth Mindset in our Mathematics Students
122	Bauer-Morehouse B	8:00 - 9:00 AM	Programming Ain't Math
123	Kern-Brown	8:00 - 9:00 AM	Promoting Strong Writing and Vocabulary Use in a High School Mathematics Classroom
124	RWI-Mahaney	8:00 - 9:00 AM	Early Math Placement Tool (EMPT): Preparing Students for College Level Math
125	Bauer-Ladue	8:00 - 11:00 AM	Building and Tinkering in the Computer Science Classroom
127	Bauer-Beaty	9:30 - 10:30 AM	Making Mistakes Matter
129	YC-Fordham-Ballenger	9:30 - 10:30 AM	Math and...
130	Bauer-Boddie	9:30 - 10:30 AM	Exploring Math with GeoGebra
131	YC-Dominguez-Cox	9:30 - 10:30 AM	You Want Me to Teach for HOW Long?
132	Kraft-Tower Dining	9:30 - 10:30 AM	ACT/SAT Following the Roots to Success for Every Student
133	Lakeview	9:30 - 11:00 AM	Leadership for Math Teacher Learning
135	Kern-Brayton Case A	9:30 - 11:00 AM	Making Your Mathematics Learning Targets More Than Just Wallpaper!
142	Bauer-Morehouse A	9:30 - 11:00 AM	Integrating Depth of Knowledge into Your Classroom
146	Kern-Brayton Case B	9:30 - 11:00 AM	Questions, Discourse, and Productive Struggle: Integrating Three Effective Teaching Practices
147	RWI-Veranda C	9:30 - 11:00 AM	Using Transformations to Make Sense of Congruence
148	YC-NG-Jones	9:30 - 11:00 AM	AP Stats FRQs: Hypothesis Tests
149	RWI-Mahaney	9:30 - 11:00 AM	Effective Teaching and Learning with Wolfram Language (Mathematica)
150	Bauer-Lightbody	9:30 - 11:00 AM	Co-Teaching in the High School Math Classroom
151	Kern-Hanson	9:30 - 11:00 AM	Don't Slow Me Down with that Calculator...Multiplication Mental Math Methods
152	Kraft-Mitchell Dining	9:45 - 10:00 AM	My Own Productive Math Struggles
153	Kraft-Mitchell Dining	10:00 - 10:15 AM	MSP Teachers Engaged in Authentic Mathematics (TEAM) MSP Grant Discussion and Sustainability of Project
154	Kern-Boehr	11:30 AM - 12:30 PM	Math Recreations – More Than Just Fun and Games
155	Bauer-Lightbody	11:30 AM - 12:30 PM	Math Simulations that Deliver the A-Ha Moment
156	Lakeview	11:30 AM - 12:30 PM	Full Stack Lessons
166	Bauer-Ladue	11:30 AM - 12:30 PM	Teaching Classes, Arrays and ArrayLists
167	Bauer-Boddie	11:30 AM - 12:30 PM	Linear Regression and Residuals in Algebra 2
168	RWI-Mahaney	11:30 AM - 12:30 PM	First Steps in Transitioning Between Traditional and Standards-Based Grading
169	Kern-Hanson	11:30 AM - 12:30 PM	Using Mathematical Modeling to Increase Student Engagement in the Secondary Classroom
170	Bauer-Morehouse B	11:30 AM - 12:30 PM	Engaging Struggling Students with Social Justice Mathematics
171	Kern-Stansbury	11:30 AM - 12:30 PM	Productive Struggle and Problem Solving in the Grade 9-12 Classroom
172	Kern-Johnson	11:30 AM - 12:30 PM	Effects of Implementing ACT College Readiness Standards
186	Kern-Boehr	1:00 - 2:00 PM	Making the Shift To Target Based Assessments in a Traditionally-Minded School
187	Kern-Brayton Case A	1:00 - 2:00 PM	Minutes Matter - Moving Away from Daily Homework...
188	YC-Cummings	1:00 - 2:00 PM	Mixing MP 4 & 7 in Meaningful Mathematical Tasks
189	Kern-Hanson	1:00 - 2:00 PM	A Realistic Approach To Standards Based Grading
190	Bauer-Morehouse B	1:00 - 2:00 PM	Math Week: Celebrating a Week of Problem Solving
191	Kern-Johnson	1:00 - 2:00 PM	Mathematically Rich Tasks to Engage and Inform Instruction
192	Bauer-Beaty	1:00 - 2:00 PM	Using Formative Assessment Classroom Techniques to Inform Instruction
193	RWI-Veranda C	1:00 - 2:00 PM	A Hat Trick of Hidden Card Tricks
194	YC-Dominguez-Cox	1:00 - 2:00 PM	Czech Republic and Wisconsin Global Math Collaborations
195	Kern-Brown	1:00 - 2:00 PM	Supporting Struggling Learners through our Geometry Intervention Class
196	Kern-Stansbury	1:00 - 2:00 PM	Breaking the Code! Creatively Integrate Algebra, Geometry and Cryptography
197	Bauer-Ladue	1:00 - 2:00 PM	Exploring Computer Science
198	YC-Fordham-Ballenger	1:00 - 2:00 PM	Co-teaching Strategies for the Inclusive Mathematics Classroom
199	Kern-Boehr	2:30 - 3:30 PM	Resources Supporting Computer Science Instruction throughout the K-12 Curriculum
207	Kern-Cary	2:30 - 3:30 PM	Exploring Transformations
208	Bauer-Beaty	2:30 - 3:30 PM	Formative Feedback that Guides Learning
209	Bauer-Ladue	2:30 - 3:30 PM	Googlizing Your Math
210	YC-NG-Jones	2:30 - 3:30 PM	Building Statistical Thinkers in the Middle Grades
211	Kraft-Mitchell Dining	2:30 - 3:30 PM	Technology in the Math Classroom - Introduction to the SMART Kapp Whiteboards
212	RWI-Mahaney	2:30 - 3:30 PM	Associate Scientist
213	Kern-Brown	2:30 - 4:00 PM	Reinforcing Conceptual Understanding through Game Play
214	Kern-Hanson	2:30 - 4:00 PM	Preparing Students for College and Career Readiness – Kindergarten through Twelfth Grade
219	Lakeview	2:30 - 4:00 PM	Introduction to Problem-Based Learning
223	Bauer-Morehouse B	2:30 - 4:00 PM	Lets Talk About Lines: Building Algebraic Concepts Through Technology
224	YC-Cummings	2:30 - 4:00 PM	Unlocking Linearity
225	Kern-Brayton Case A	2:30 - 4:00 PM	I am Flipped for Math!

Thursday, May 4, 2017

Grades 13-16

#	Location	Time	Title
101	Bauer-Morehouse C	8:00 - 9:00 AM	Learning Together: Co-Teaching to Close the Achievement Gap
102	Bauer-Morehouse A	8:00 - 9:00 AM	Math Mini-Assessments: Quality, Components and Use Cases
103	Lakeview	8:00 - 9:00 AM	Why Formative Assessment Should be a Priority for Every Math Teacher
127	Bauer-Beaty	9:30 - 10:30 AM	Making Mistakes Matter
133	Lakeview	9:30 - 11:00 AM	Leadership for Math Teacher Learning
152	Kraft-Mitchell Dining	9:45 - 10:00 AM	My Own Productive Math Struggles
153	Kraft-Mitchell Dining	10:00 - 10:15 AM	MSP Teachers Engaged in Authentic Mathematics (TEAM) MSP Grant Discussion and Sustainability of Project
154	Kern-Boehr	11:30 AM - 12:30 PM	Math Recreations--More Than Just Fun and Games
155	Bauer-Lightbody	11:30 AM - 12:30 PM	Math Simulations that Deliver the A-Ha Moment
156	Lakeview	11:30 AM - 12:30 PM	Full Stack Lessons
199	Kern-Boehr	2:30 - 3:30 PM	Resources Supporting Computer Science Instruction throughout the K-12 Curriculum
213	Kern-Brown	2:30 - 4:00 PM	Reinforcing Conceptual Understanding through Game Play
214	Kern-Hanson	2:30 - 4:00 PM	Preparing Students for College and Career Readiness – Kindergarten through Twelfth Grade

Friday, May 5, 2017

Grades PK-2

#	Location	Time	Title
301	Bauer-Morehouse A	8:00 - 9:00 AM	Measurement and Geometrical Concepts Through Mathematics Stories – Pre-K to 1
302	Kern-Boehr	8:00 - 9:00 AM	Vocabulary in Math? Yes, it is Important
303	RWI-McGarvey	8:00 - 9:00 AM	Parents Need Math Support, Too! Engaging Parents so they can Support their Children
304	Bauer-Lightbody	8:00 - 9:00 AM	Instructional Practices that Make a Difference
305	Bauer-Beaty	8:00 - 9:00 AM	Math Fact Fluency - One of the Biggest Barriers to Success in Math
306	Kern-Stansbury	8:00 - 9:00 AM	Exploring Fraction Concept with Construction Paper
307	Lakeview	8:00 - 9:00 AM	Responsive Instruction for Building Students' Number Sense
327	RWI-McGarvey	9:30 - 10:30 AM	Exploring Mathematical Concepts With Children's Literature – Reading + Math = Fun Learning
328	Kern-Boehr	9:30 - 10:30 AM	Persevering for Problem Solving: Teaching to Promote Mathematical Reasoning
334	Kern-Johnson	9:30 - 11:00 AM	Four Formative Assessment Strategies For You
335	Kraft-Mitchell Dining	9:30 - 11:00 AM	"I am ready to show my proficiency, may I have the exit slip for standard 4NBT1?" Student-owned learning through personalized academic readiness assessments
336	RWI-Veranda C	9:30 - 11:00 AM	Natural Geometry
338	Bauer-Morehouse C	9:30 - 11:00 AM	The Counting Principles: The Cornerstone of Numeracy
339	RWI-Crystal	9:30 - 11:00 AM	Leveraging the Learner in a Problem Solving Approach
340	Bauer-Morehouse A	9:30 - 11:00 AM	Helping Students Create a Mental Movie for Math
352	Kern-Stansbury	11:30 AM - 12:30 PM	Encouraging Productive Struggle and Growth Mindset in Students Across the Grade Levels
353	Kern-Boehr	11:30 AM - 12:30 PM	How Grading for Learning Made Me a Better Educator
354	RWI-Veranda C	11:30 AM - 12:30 PM	Teaching Student-Centered Math
355	Kern-Brayton Case B	11:30 AM - 12:30 PM	Productive Struggle and Problem Solving in the Early Grades
356	Lakeview	11:30 AM - 12:30 PM	Knocking Down Barriers with Technology
357	Bauer-Morehouse A	11:30 AM - 12:30 PM	Finding Coherence Across K-8 Mathematics by Iterating and Partitioning
358	RWI-McGarvey	11:30 AM - 12:30 PM	A Shape is Not Defined By Its Shape: Developing Young Children's Geometric Understanding
359	Kern-Brown	11:30 AM - 12:30 PM	Developing Mathematical Habits of Mind with our ELL Students
360	Bauer-Morehouse C	11:30 AM - 12:30 PM	Using the Number Sense Trajectory to Build Automaticity
372	Bauer-Morehouse B	1:00 - 2:00 PM	Leadership: Bringing about Change – More than Standards, PLC's and Coaching
373	RWI-McGarvey	1:00 - 2:00 PM	Understanding the Learning Progression to Build Conceptual Understanding in Number Sense Development
374	Bauer-Morehouse C	1:00 - 2:00 PM	Young Children's Coordination of Number Sense in Solving Word Problems
375	RWI-Crystal	1:00 - 2:00 PM	The Building Blocks of Numeracy: Manage and Master the K-5 Curriculum.
376	Kern-Cary	1:00 - 2:00 PM	Supporting Students' Algebraic Reasoning in the Early Grades
377	Kern-Brayton Case B	1:00 - 2:00 PM	Instructional Moves to Formalize Student Thinking
390	Bauer-Beaty	2:30 - 3:30 PM	Empowerment of Teachers
391	Kern-Stansbury	2:30 - 3:30 PM	Focusing on Conceptual Understanding Builds Fluency of Fractions and Decimals
400	Kern-Hanson	2:30 - 4:00 PM	Using Formative Feedback Probes and Interview Questions to Inform Instruction
401	Bauer-Morehouse B	2:30 - 4:00 PM	Panel Discussion: What does it Mean to be College Ready in Mathematics?
402	Bauer-Morehouse C	2:30 - 4:00 PM	Math Tools and Activities for Number and Operations
403	Bauer-Morehouse A	2:30 - 4:00 PM	Mindsets, Math Tasks and Meaningful Questions: Tying it All Together in a Primary Classroom

Friday, May 5, 2017

Grades 3-5

#	Location	Time	Title
302	Kern-Boehr	8:00 - 9:00 AM	Vocabulary in Math? Yes, it is Important
303	RWI-McGarvey	8:00 - 9:00 AM	Parents Need Math Support, Too! Engaging Parents so they can Support their Children
304	Bauer-Lightbody	8:00 - 9:00 AM	Instructional Practices that Make a Difference
305	Bauer-Beaty	8:00 - 9:00 AM	Math Fact Fluency – One of the Biggest Barriers to Success in Math
306	Kern-Stansbury	8:00 - 9:00 AM	Exploring Fraction Concept with Construction Paper
307	Lakeview	8:00 - 9:00 AM	Responsive Instruction for Building Students' Number Sense
308	Kern-Hanson	8:00 - 9:00 AM	Making Math R.E.A.L (Relevant, Experiential, Applicable, Lively)
327	RWI-McGarvey	9:30 - 10:30 AM	Exploring Mathematical Concepts With Children's Literature – Reading + Math = Fun Learning
328	Kern-Boehr	9:30 - 10:30 AM	Persevering for Problem Solving: Teaching to Promote Mathematical Reasoning
333B	YC-NG-Jones	9:30 - 10:30 AM	Empowering Your Students Through Personalization
334	Kern-Johnson	9:30 - 11:00 AM	Four Formative Assessment Strategies For You
335	Kraft-Mitchell Dining	9:30 - 11:00 AM	"I am ready to show my proficiency, may I have the exit slip for standard 4NBT1?" Student-owned Learning through Personalized Academic Readiness Assessments
336	RWI-Veranda C	9:30 - 11:00 AM	Natural Geometry
339	RWI-Crystal	9:30 - 11:00 AM	Leveraging the Learner in a Problem Solving Approach
340	Bauer-Morehouse A	9:30 - 11:00 AM	Helping Students Create a Mental Movie for Math
352	Kern-Stansbury	11:30 AM - 12:30 PM	Encouraging Productive Struggle and Growth Mindset in Students Across the Grade Levels
353	Kern-Boehr	11:30 AM - 12:30 PM	How Grading for Learning Made Me a Better Educator
356	Lakeview	11:30 AM - 12:30 PM	Knocking Down Barriers with Technology
357	Bauer-Morehouse A	11:30 AM - 12:30 PM	Finding Coherence Across K-8 Mathematics by Iterating and Partitioning
358	RWI-McGarvey	11:30 AM - 12:30 PM	A Shape is Not Defined by its Shape: Developing Young Children's Geometric Understanding
359	Kern-Brown	11:30 AM - 12:30 PM	Developing Mathematical Habits of Mind with our ELL Students
361	Kern-Hanson	11:30 AM - 12:30 PM	Numeracy Routines in the Intermediate Classroom
362	RWI-Crystal	11:30 AM - 12:30 PM	Fact Fluency Interventions in Grades 3-5
372	Bauer-Morehouse B	1:00 - 2:00 PM	Leadership: Bringing about Change – More than Standards, PLC's and Coaching
375	RWI-Crystal	1:00 - 2:00 PM	The Building Blocks of Numeracy: Manage and Master the K-5 Curriculum
376	Kern-Cary	1:00 - 2:00 PM	Supporting Students' Algebraic Reasoning in the Early Grades
377	Kern-Brayton Case B	1:00 - 2:00 PM	Instructional Moves to Formalize Student Thinking
378	Kern-Boehr	1:00 - 2:00 PM	Developing Growth Mindset: From Theory to Practice
390	Bauer-Beaty	2:30 - 3:30 PM	Empowerment of Teachers
391	Kern-Stansbury	2:30 - 3:30 PM	Focusing on Conceptual Understanding Builds Fluency of Fractions and Decimals
392	Kern-Cary	2:30 - 3:30 PM	Tools and Technology: Personalize & Teach Mathematics
393	Bauer-Boddie	2:30 - 3:30 PM	Strengthening Representational Competence in the Upper Elementary Classroom
394	Kern-Brown	2:30 - 3:30 PM	Empowering Parents to help their children at home: Holding Interactive Parent Workshops
395	Bauer-Lightbody	2:30 - 3:30 PM	Promoting Deeper Thinking with Visual Models
400	Kern-Hanson	2:30 - 4:00 PM	Using Formative Feedback Probes and Interview Questions to Inform Instruction
401	Bauer-Morehouse B	2:30 - 4:00 PM	Panel Discussion: What does it mean to be College Ready in Mathematics?
402	Bauer-Morehouse C	2:30 - 4:00 PM	Math Tools and Activities for Number and Operations
403	Bauer-Morehouse A	2:30 - 4:00 PM	Mindsets, Math Tasks and Meaningful Questions: Tying it All Together in a Primary Classroom

Friday, May 5, 2017

Grades 6-8

#	Location	Time	Title
309	Kern-Cary	8:00 - 9:00 AM	Challenges and Triumphs When Using a Modeling Approach to Algebra with Seventh-Grade Students
310	Kern-Brayton Case A	8:00 - 9:00 AM	Using Team Roles to Enhance Student Engagement
311	YC-Fordham-Ballenger	8:00 - 9:00 AM	Addressing ALL of the SMP's Using Free Online Resources
312	Kern-Johnson	8:00 - 9:00 AM	Math, 1:1, and Middle Level... I've Been Told These Don't Mix
313	RWI-Crystal	8:00 - 9:00 AM	Tinkering around... Helping Kids Love Math by Using Algebra to Program Mini-Drones
314	RWI-Veranda C	8:00 - 9:00 AM	Pentaland: A Whole New World in Base Five
315	YC-Dominguez-Cox	8:00 - 9:00 AM	Exploring Triangle Congruence through Rigid Motion
316	YC-NG-Jones	8:00 - 9:00 AM	CPM (College Preparatory Mathematics) Networking Session
317	Bauer-Morehouse C	8:00 - 9:00 AM	Ten Strategies to Make Formative Assessment Integral to Teaching
318	Bauer-Morehouse B	8:00 - 9:00 AM	Access and Equity in Math Education
319	Kern-Brown	8:00 - 9:00 AM	Engaging Students in Mathematical Discourse
320	Bauer-Boddie	8:00 - 9:00 AM	Partnerships and Problem Solving
321	YC-Huber-Evans	8:00 - 9:00 AM	Number Talks: A Strategy to Impact High Schoolers' Mindsets
322	Bauer-Ladue	8:00 - 9:00 AM	Teaching WITH (Not Near) Technology
323	RWI-Mahaney	8:00 - 9:00 AM	They Keep Going and Going and Going and Going...
325	YC-Cummings	8:00 - 9:15 AM	A Calculated Escape: Enhancing Mathematical Reasoning through Problem Solving
326	Kern-Brayton Case A	8:00 - 10:30 AM	Outside the Box Lessons For New Teachers
329	Bauer-Boddie	9:30 - 10:30 AM	Visuals and Manipulatives that Help Enhance Student Reasoning with Ratios and Proportions
330	RWI-Mahaney	9:30 - 10:30 AM	The Flux Capacitor
331	Bauer-Ladue	9:30 - 10:30 AM	App Creation Using MIT's App Inventor 2
334	Kern-Johnson	9:30 - 11:00 AM	Four Formative Assessment Strategies For You
335	Kraft-Mitchell Dining	9:30 - 11:00 AM	"I am ready to show my proficiency, may I have the exit slip for standard 4NBT1?" Student-owned Learning through Personalized Academic Readiness Assessments
336	RWI-Veranda C	9:30 - 11:00 AM	Natural Geometry
341	YC-Huber-Evans	9:30 - 11:00 AM	Breakout EDU: Proof That Learning and Fun Go Together
342	Kern-Stansbury	9:30 - 11:00 AM	Build a Box: Assess Geometric Understandings
343	Bauer-Morehouse B	9:30 - 11:00 AM	Using Manipulatives to Develop Conceptual Understanding
344	Kraft-Tower Dining	9:30 - 11:00 AM	How Your Students Can Become Real World Problem Solvers in the Classroom
345	Kern-Brayton Case A	9:30 - 11:00 AM	STEM Projects in Action
346	Bauer-Beaty	9:30 - 11:00 AM	Supporting Teachers in Action
347	YC-Dominguez-Cox	9:30 - 11:00 AM	What's the Point of Points? Rethinking the Way Student Work in Math is Assessed
348	Bauer-Lightbody	9:30 - 11:00 AM	Maximizing Collaboration
352	Kern-Stansbury	11:30 AM - 12:30 PM	Encouraging Productive Struggle and Growth Mindset in Students Across the Grade Levels
353	Kern-Boehr	11:30 AM - 12:30 PM	How Grading for Learning Made Me a Better Educator
356	Lakeview	11:30 AM - 12:30 PM	Knocking Down Barriers with Technology
357	Bauer-Morehouse A	11:30 AM - 12:30 PM	Finding Coherence Across K-8 Mathematics by Iterating and Partitioning
363	Kern-Brayton Case A	11:30 AM - 12:30 PM	Teaching Mathematics and Secret Codes in a CryptoClub
364	Bauer-Morehouse B	11:30 AM - 12:30 PM	Make your Math Students Move More
365	Bauer-Ladue	11:30 AM - 12:30 PM	Embedding Study Team Strategies in Daily Lessons
366	Bauer-Lightbody	11:30 AM - 12:30 PM	Teaching Statistics in The Era of Technology: How to Graph by Using Free Online Resources
367	Kern-Johnson	11:30 AM - 12:30 PM	Computational Thinking Beyond the Computer Science Classroom
368	RWI-Mahaney	11:30 AM - 12:30 PM	Number Talks in the High School Classroom
371	YC-Cummings	11:30 AM - 12:45 PM	A Calculated Escape: Enhancing Mathematical Reasoning through Problem Solving
372	Bauer-Morehouse B	1:00 - 2:00 PM	Leadership: Bringing about Change – More than Standards, PLC's and Coaching
380	Bauer-Beaty	1:00 - 2:00 PM	The Answer to the Question "When am I ever going to use this in the Real World?!"
381	Kern-Hanson	1:00 - 2:00 PM	The Power of Number Talks in the Middle School
382	Lakeview	1:00 - 2:00 PM	Technology and Intellectual Need
383	Kern-Johnson	1:00 - 2:00 PM	Improving Students Math Readiness - ACT, College Placement Levels and Career Readiness
384	Bauer-Lightbody	1:00 - 2:00 PM	Breaking Down the Silos: Integrating Math & Science
385	Bauer-Ladue	1:00 - 2:00 PM	Computational Making: Mixing Code and 3D Printers
386	Kern-Brown	1:00 - 2:00 PM	Teach All Students to Code Using Their Own TI-83/84/84CE in 10-minute Steps
387	Kern-Brayton Case A	1:00 - 2:00 PM	Bootstrap: Integrating Computer Science in a Math Classroom & STEMteach
390	Bauer-Beaty	2:30 - 3:30 PM	Empowerment of Teachers
396	Kern-Johnson	2:30 - 3:30 PM	Robots in the Classroom? Yes!
398	Bauer-Ladue	2:30 - 3:30 PM	Engaging Students Using Activities
400	Kern-Hanson	2:30 - 4:00 PM	Using Formative Feedback Probes and Interview Questions to Inform Instruction
401	Bauer-Morehouse B	2:30 - 4:00 PM	Panel Discussion: What Does it Mean to be College Ready in Mathematics?
404	Kern-Brayton Case A	2:30 - 4:00 PM	Assessment: Can We Really Reduce Uncertainty?

Friday, May 5, 2017

Grades 9-12

#	Location	Time	Title
315	YC-Dominguez-Cox	8:00 - 9:00 AM	Exploring Triangle Congruence through Rigid Motion
316	YC-NG-Jones	8:00 - 9:00 AM	CPM (College Preparatory Mathematics) Networking Session
317	Bauer-Morehouse C	8:00 - 9:00 AM	Ten Strategies to Make Formative Assessment Integral to Teaching
318	Bauer-Morehouse B	8:00 - 9:00 AM	Access and Equity in Math Education
319	Kern-Brown	8:00 - 9:00 AM	Engaging Students in Mathematical Discourse
320	Bauer-Boddie	8:00 - 9:00 AM	Partnerships and Problem Solving
321	YC-Huber-Evans	8:00 - 9:00 AM	Number Talks: A Strategy to Impact High Schoolers' Mindsets
322	Bauer-Ladue	8:00 - 9:00 AM	Teaching WITH (Not Near) Technology
323	RWI-Mahaney	8:00 - 9:00 AM	They Keep Going and Going and Going and Going...
325	YC-Cummings	8:00 - 9:15 AM	A Calculated Escape: Enhancing Mathematical Reasoning through Problem Solving
326	Kern-Brayton Case A	8:00 - 10:30 AM	Outside the Box Lessons For New Teachers
330	RWI-Mahaney	9:30 - 10:30 AM	The Flux Capacitor
331	Bauer-Ladue	9:30 - 10:30 AM	App Creation Using MIT's App Inventor 2
332	YC-Fordham-Ballenger	9:30 - 10:30 AM	21st Century Distance Learning Math Classes
333	Kern-Hanson	9:30 - 10:30 AM	Individualized Learning in the Secondary Mathematics Classroom
334	Kern-Johnson	9:30 - 11:00 AM	Four Formative Assessment Strategies For You
335	Kraft-Mitchell Dining	9:30 - 11:00 AM	"I am ready to show my proficiency, may I have the exit slip for standard 4NBT1?" Student-owned Learning through Personalized Academic Readiness Assessments
336	RWI-Veranda C	9:30 - 11:00 AM	Natural Geometry
346	Bauer-Beaty	9:30 - 11:00 AM	Supporting Teachers in Action
347	YC-Dominguez-Cox	9:30 - 11:00 AM	What's the Point of Points? Rethinking the Way Student Work in Math is Assessed
348	Bauer-Lightbody	9:30 - 11:00 AM	Maximizing Collaboration
349	Kern-Cary	9:30 - 11:00 AM	An Introduction to Logarithms via the TI-Nspire
350	Kern-Brown	9:30 - 11:00 AM	Geometry: An Essential Component of Pre-calculus
352	Kern-Stansbury	11:30 AM - 12:30 PM	Encouraging Productive Struggle and Growth Mindset in Students Across the Grade Levels
353	Kern-Boehr	11:30 AM - 12:30 PM	How Grading for Learning Made Me a Better Educator
356	Lakeview	11:30 AM - 12:30 PM	Knocking Down Barriers with Technology
366	Bauer-Lightbody	11:30 AM - 12:30 PM	Teaching Statistics in The Era of Technology: How to Graph by Using Free Online Resources
367	Kern-Johnson	11:30 AM - 12:30 PM	Computational Thinking Beyond the Computer Science Classroom
368	RWI-Mahaney	11:30 AM - 12:30 PM	Number Talks in the High School Classroom
369	Kern-Cary	11:30 AM - 12:30 PM	Enhancing AP Calculus with Collaborative Groups, Projects, and Technology
370	Bauer-Beaty	11:30 AM - 12:30 PM	Personalized Learning Opportunities in AP Statistics
371	YC-Cummings	11:30 AM - 12:45 PM	A Calculated Escape: Enhancing Mathematical Reasoning through Problem Solving
372	Bauer-Morehouse B	1:00 - 2:00 PM	Leadership: Bringing about Change – More than Standards, PLC's and Coaching
382	Lakeview	1:00 - 2:00 PM	Technology and Intellectual Need
383	Kern-Johnson	1:00 - 2:00 PM	Improving Students Math Readiness - ACT, College Placement Levels and Career Readiness
384	Bauer-Lightbody	1:00 - 2:00 PM	Breaking Down the Silos: Integrating Math & Science
385	Bauer-Ladue	1:00 - 2:00 PM	Computational Making: Mixing Code and 3D Printers
386	Kern-Brown	1:00 - 2:00 PM	Teach All Students to Code Using Their Own TI-83/84/84CE in 10-minute Steps
387	Kern-Brayton Case A	1:00 - 2:00 PM	Bootstrap: Integrating Computer Science in a Math Classroom and STEMteach
388	RWI-Mahaney	1:00 - 2:00 PM	5 Steps to a 5: AP Computer Science A – Feedback Session
390	Bauer-Beaty	2:30 - 3:30 PM	Empowerment of Teachers
396	Kern-Johnson	2:30 - 3:30 PM	Robots in the Classroom? Yes!
397	Kern-Boehr	2:30 - 3:30 PM	The Universal Discipline: Using Mathematics to Assess Student Learning Outcomes in General Chemistry and Accounting
398	Bauer-Ladue	2:30 - 3:30 PM	Engaging Students Using Activities
400	Kern-Hanson	2:30 - 4:00 PM	Using Formative Feedback Probes and Interview Questions to Inform Instruction
401	Bauer-Morehouse B	2:30 - 4:00 PM	Panel Discussion: What Does it Mean to be College Ready in Mathematics?
404	Kern-Brayton Case A	2:30 - 4:00 PM	Assessment: Can We Really Reduce Uncertainty?
405	Kern-Brayton Case B	2:30 - 4:00 PM	Right Triangles and Trigonometry: Constructing the Unit Circle

Friday, May 5, 2017

Grades 13-16

#	Location	Time	Title
324	RWI-Veranda A	8:00 - 9:00 AM	Understanding the edTPA Performance Assessment
334	Kern-Johnson	9:30 - 11:00 AM	Four Formative Assessment Strategies For You
335	Kraft-Mitchell Dining	9:30 - 11:00 AM	“I am ready to show my proficiency, may I have the exit slip for standard 4NBT1?” Student-owned Learning Through Personalized Academic Readiness Assessments
336	RWI-Veranda C	9:30 - 11:00 AM	Natural Geometry
351	RWI-Veranda A	9:30 - 11:00 AM	Coaching Forum: Coaching for Content, Pedagogy, and Beliefs that Lead to Success
352	Kern-Stansbury	11:30 AM - 12:30 PM	Encouraging Productive Struggle and Growth Mindset in Students Across the Grade Levels
353	Kern-Boehr	11:30 AM - 12:30 PM	How Grading for Learning Made Me a Better Educator
356	Lakeview	11:30 AM - 12:30 PM	Knocking Down Barriers with Technology
372	Bauer-Morehouse B	1:00 - 2:00 PM	Leadership: Bringing about Change – More than Standards, PLC’s and Coaching
382	Lakeview	1:00 - 2:00 PM	Technology and Intellectual Need
389	Bauer-Morehouse A	1:00 - 2:00 PM	New Standards for Mathematics Teacher Preparation
390	Bauer-Beaty	2:30 - 3:30 PM	Empowerment of Teachers
399	RWI-Veranda A	2:30 - 3:30 PM	Teacher Education in Wisconsin: WI AMTE Open Forum
400	Kern-Hanson	2:30 - 4:00 PM	Using Formative Feedback Probes and Interview Questions to Inform Instruction
401	Bauer-Morehouse B	2:30 - 4:00 PM	Panel Discussion: What Does it Mean to be College Ready in Mathematics?