Mathematics
Professional Development
2015 - 2016

Courses subject to cancel due to low enrollment

January 2016

Webinar: Build Procedural Fluency from Conceptual Understanding, Grades 9-12 (3:00-4:00)	1/5	Free
Promoting Productive Struggle in the Math Classroom Grades 3-8	1/11	$55
Number Sense Tasks and Routines in K-4	1/11	Free
Webinar: Meaningful Math Homework in 3-5 (3:30 – 4:30)	1/12	Free
Webinar: Where do I focus my math instruction? Grades 3-8 (3:30 – 4:30)	1/19	Free
Webinar: Understanding Equality and the Equal Sign, K-2 (3:30 – 4:30)	1/19	Free
The Progression of Fraction Understanding in Grades 3-6	1/25	$55
Webinar: Understanding DOK in the math classroom (3:30 – 4:30)	1/26	Free
Problem Solving (Cognitively Guided Instruction – CGI) for K-3 (Day 1 of 2)	1/26	$40

February 2016

Webinar: Teaching and Learning Measurement, K-2 (3:30 – 4:30)	2/1	Free
Math Problem Solving in Grades 4-8: Great Tasks that Promote Reasoning	2/2	$50
Fluency in Multiplication, Grades 3-5	2/8	$55
Webinar: Exploring Geometry in K-2 (3:30 – 4:30)	2/8	Free
Webinar: Supporting Place Value through Problem Solving, K-3 (3:30 – 4:30)	2/16	Free
Understanding Learning Progressions in the Math Classroom: Grades 3-8	2/17	$25
Integrating Science & Mathematics in Grades 7-12	2/19	Free
Standards Based Math Stations in K-3	2/22	$40
Webinar: Development of Fraction Sense in Grades 3-5 (3:30 – 4:30)	2/22	Free
Webinar: Fraction Equivalence and Comparison Grades 3-5 (3:30 – 4:30)	2/24	Free
Problem Solving (Cognitively Guided Instruction – CGI) for K-3 (Day 2 of 2)	2/29	Inc

March 2016

Webinar: Operations of Fractions Grades 4-6 (3:30 – 4:30)	3/7	Free
Webinar: Counting Collections (3:30 – 4:30)	3/7	Free
Standards Based Math Stations Grades 3-5	3/14	Free
Writing in Mathematics, Grades K-5	3/16	$55
Webinar: Math Problem Solving: Multiplication and Division in Grades 3-5 (3:30 – 4:30)	3/22	Free
Fluency with Multiplication Grades 3-5	3/24	$55
Webinar: Parents as Partners in Today's K-5 Math Classroom (3:30-4:30)	3/29	Free

April 2016

Promoting Productive Struggle in the Math Classroom Grades 3-8	4/4	$55
Webinar: Exploring Math Task Using the 100's Chart (3:30-4:30)	4/4	Free
Webinar: Statistics in Middle School, Grades 6-8 (3:30-4:30)	4/5	Free

Developing Fluency with Addition and Subtraction in K-2	4/12	$50
The Progression of Fraction Understanding in Grades 3-6	4/18	$55
Webinar: Teaching Time and Money in 1st and 2nd Grade (3:30-4:30)	4/18	Free
Webinar: Geometry in Middle School Grades 6-8 (3:30-4:30)	4/19	Free

May 2016

Understanding Learning Progressions in the Math Classroom: Grades 3-8	5/2	$25
Using Literature to Develop Number Sense	5/3	$50
Webinar: Ratio, Proportion and Proportional Reasoning (3:30-4:30)	5/3	Free
Webinar: Understanding Depth of Knowledge (DOK) in the math classroom (3:30-4:30)	5/9	Free
Problem Solving in K-3	5/9	
Webinar: Closing for summer with thoughts of the upcoming year (3:30-4:30)	5/10	Free
Math Problem Solving in the 4-8 Classroom: Implementing Math Tasks that Promote Reasoning and Problem Solving	5/11	$50

All face-to-face workshops are 8:30 – 3:30 *unless otherwise noted.*

Audience Teachers, district professional development leaders, instructional coaches, regional representatives, content specialists.

For more information and registration http://www.ade.az.gov/onlineregistration/calendar/RenderCalendar.asp