VIRTUAL MATHEMATICS PROFESSIONAL LEARNING CATALOG 2020 - 2021

Click Here

Georgia Department of Education
Mathematics Teaching and Learning
Click on a grade level to find the virtual professional learning options offered by the Georgia Department of Education.
Kindergarten

Session 1:
Understanding the 8 SMPs from a Kindergarten lens; Introduction to Effective Mathematics Teaching Practices
Release Date: December 10, 2020
Link to Pre-Recorded PL Session
Watch Now

Session 2:
Understanding Shapes and Levels of Geometric Thinking
Date: December 14, 2020 4:00 – 5:00 pm
Link to PL Session Recording
Watch Now

Session 3:
Comparing Numbers
Release Date: January 6, 2021
Link to PL Session Recording
Watch Now

Session 4:
Investigating Addition and Subtraction & CGI
Date: February 3, 2021 4:00 – 5:00 pm
Link to Register for Live Session
LIVE

Session 5:
Further Investigation of Addition and Subtraction
Date: March 10, 2021 4:00 – 5:00 pm
Link to Register for Live Session
LIVE

Session 6:
Problems Worth Solving
Date: March 25, 2021 4:00 – 5:00 pm
Link to Register for Live Session
LIVE

Session 7:
Assessing Student Learning and Looking Ahead – Unit 1
Date: April 19, 2021 4:00 – 5:00 pm
Link to Register for Live Session
LIVE

Session 8:
Looking Ahead: Planning with Big Ideas – Unit 2
Date: May 3, 2021 4:00 – 5:00 pm
Link to Register for Live Session
LIVE
1st Grade

Session 1: Counting Collections and Choral Counting
Release Date: December 7, 2020
Link to Pre-Recorded PL Session
Watch Now

Session 2: Building Conceptual Understanding of Addition and Subtraction/Fluency within 20
Date: December 10, 2020
3:00-4:00 pm
Link to PL Session Recording
Watch Now

Session 3: Cognitively Guided Instruction/Word Problem Types
Date: January 11, 2021
3:00-4:00 pm
Link to Pre-Recorded PL Session
Watch Now

Session 4: Understanding Measurement – Length and Time
Release Date: February 11, 2021
Date: February 25, 2021
3:00-4:00 pm
Link to Pre-Recorded PL Session
Watch Now

Session 5: Developing Place Value Understanding
Date: March 18, 2021
3:00-4:00 pm
Link to Register for Live Session

Session 6: Addition and Subtraction within 100
Date: April 19, 2021
3:00-4:00 pm
Link to Pre-Recorded PL Session

Session 7: Understanding Shapes and Fractions
Date: May 6, 2021
3:00-4:00 pm
Link to Register for Live Session

Session 8: Looking Ahead

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2nd Grade

Session 1: Understanding the 8 Standards for Mathematical Practice
Release Date: December 7, 2020
Link to Pre-Recorded PL Session
Watch Now 🎧

Session 2: Reasoning and Problem Solving; Unit 3 Measurement
Date: December 15, 2020 5:00-6:00 PM
Link to PL Session Recording
Watch Now 🎧

Session 3: Math Representation; Unit 3 Measurement
Date: January 19, 2021 5:00-6:00 PM
Link to Pre-Recorded PL Session
Watch Now 🎧

Session 4: Purposeful Questions; Numberless Word Problems Unit 4 Base 10 Understanding
Release Date: February 4, 2021
Link to Pre-Recorded PL Session
Watch Now 🎧

Session 5: Procedural Fluency from Comprehension Unit 4 Base 10 Understanding
Release Date: March 16, 2021
Link to Pre-Recorded PL Session
Watch Now 🎧

Session 6: Mathematics Discourse; Unit 5 Shapes
Release Date: April 6, 2021
Link to Pre-Recorded PL Session
Watch Now 🎧

Session 7: Productive struggle; and 3-Act Tasks Unit 6 Developing Multiplication
Release Date: April 27, 2021
Link to Pre-Recorded PL Session
Watch Now 🎧

Session 8: Evidence of Student Thinking; Looking Ahead
Date: May 11, 2021 5:00-6:00 PM
Link to Register for Live Session
Watch Now 🎧
3rd Grade

Session 1: Solving Two-Step Problems
Release Date: December 2020
Link to Pre-Recorded PL Session

Session 2: Identifying Arithmetic Patterns
Release Date: December 15, 2020
Link to Pre-Recorded PL Session

Session 3: Represent and Interpret Data: Graphs
Release Date: December 18, 2020
Link to PL Session Recording

Session 4: Building Ideas in Geometry
Date: January 12, 2021 6:00-7:00 pm
Link to PL Session Recording

Session 5: Making Sense of Fractions
Date: February 9, 2021 6:00-7:00 pm
Link to PL Session Recording

Session 6: Working with Time
Date: March 9, 2021 6:00-7:00 pm
Link to Register for Live Session

Session 7: Multiplication and Division
Release Date: April 13, 2021
Link to Pre-Recorded PL Session

Session 8: Math Fluency
Date: May 3, 2021 6:00-7:00 pm
Link to Register for Live Session
5th Grade

Session 1: Understanding the Grade Level Content Standards; Unit 1: Developing Conceptual Understanding of Fractions
Release Date: December 7, 2020
Link to Pre-Recorded PL Session

Session 2: Understanding the Grade Level Content Standards; Unit 4: Multiplying/Dividing Fractions
Release Date: December 17, 2020
Link to Pre-Recorded PL Session

Session 3: Understanding the Grade Level Content Standards; Unit 5: 2-D Figures
Date: January 18, 2021 5:00 – 6:00 pm
Link to PL Session Recording

Session 4: Understanding the Grade Level Content Standards; Unit 6: Volume and Measurement
Date: February 8, 2021 5:00 – 6:00 pm
Link to Pre-Recorded PL Session

Session 5: Understanding the Grade Level Content Standards; Unit 7: Geometry and the Coordinate Plane
Release Date: February 22, 2021
Link to Register for Live Session

Session 6: Understanding the Grade Level Content Standards; Unit 1: Order of Operations & Whole Numbers
Unit 2: Adding & Subtracting with Decimals
Date: March 22, 2021 5:00 – 6:00 pm
Link to Pre-Recorded PL Session

Session 7: Understanding the Grade Level Content Standards; Unit 3: Multiplying & Dividing with Decimals
Date: May 10, 2021 5:00 – 6:00 pm
Link to Register for Live Session

Session 8: Understanding the Grade Level Content Standards; Unit 1: Order of Operations & Whole Numbers
Unit 2: Adding & Subtracting with Decimals
Date: May 10, 2021 5:00 – 6:00 pm
Link to Register for Live Session
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7th Grade

Session 1: Strategies and Supports through Effective Mathematics Teaching Practices; Unit 3: Ratios and Proportions
Release Date: December 7, 2020

Session 2: Strategies and Supports through Effective Mathematics Teaching Practices; Unit 4: Geometry
Date: December 10, 2020 5:00 – 6:00 pm
Link to PL Session Recording

Session 3: Strategies and Supports through Effective Mathematics Teaching Practices; Unit 5: Inferences
Release Date: January 8, 2021

Session 4: Strategies and Supports through Effective Mathematics Teaching Practices; Unit 6: Probability
Date: January 14, 2021 5:00 – 6:00 pm
Link to PL Session Recording

Session 5: Strategies and Supports through Effective Mathematics Teaching Practices; Remediation and Culmination Activities
Release Date: February 19, 2021

Session 6: Strategies and Supports through Effective Mathematics Teaching Practices; Unit 1: Operations with Rational Numbers
Date: March 18, 2021 5:00 – 6:00 pm
Link to Register for Live Session

Session 7: Strategies and Supports through Effective Mathematics Teaching Practices; Unit 2: Expressions and Equations
Release Date: April 2, 2021

Session 8: Applying Backwards Design to PLC's - Effective Teams - Planning for student success through healthy PLCs
Date: April 15, 2021 5:00 – 6:00 pm
Link to Register for Live Session

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HS: Algebra I

Session 1: Unit 3: Write Quadratic Expressions in Equivalent Forms to Solve Problems
Release Date: December 18, 2020
Link to Pre-Recorded PL Session
Watch Now

Session 2: Unit 3: Analyze Quadratic Functions Using Different Representations
Release Date: December 28, 2020
Link to Pre-Recorded PL Session
Watch Now

Session 3: Unit 4: Modeling and Analyzing Exponential Functions
Release Date: January 15, 2021
Link to Pre-Recorded PL Session
Watch Now

Session 4: Unit 5: Construct and Compare Linear, Quadratic, and Exponential Models and Solve Problems
Release Date: February 5, 2021
Link to Pre-Recorded PL Session
Watch Now

Session 5: Unit 5: Interpret Expressions for Functions in Terms of the Situation They Model
Release Date: February 26, 2021
Link to Pre-Recorded PL Session
Watch Now

Session 6: Unit 6: Describing Data
Release Date: March 5, 2021
Link to Pre-Recorded PL Session
Watch Now

Session 7: Unit 1: Relationships Between Quantities and Expressions
Release Date: April 2, 2021
Link to Pre-Recorded PL Session
Watch Now

Session 8: Unit 2: Reasoning with Linear Equations
Release Date: April 16, 2021
Link to Pre-Recorded PL Session
Watch Now
HS: Analytic Geometry

Session 1:
Understanding the 8 Standards for Mathematical Practice
Release Date: December 2020

Link to Pre-Recorded Session

Watch Now

Session 2:
Unit 5: Which Comes First, the Graph or the Equation?
Release Date: December 28, 2020

Link to Pre-Recorded Session

Watch Now

Session 3:
Ambiguous Vocabulary
Release Date: January 14, 2021
4:30 – 5:30 pm

Link to Pre-Recorded Session

Watch Now

Session 4:
Risk Taking that Fosters Growth for Teachers and Students
Date: February 9, 2021
5:00 -6:00 pm

Link to PL Session Recording

Watch Now

Session 5:
Diving into Desmos – More than a Calculator
Date: March 11, 2020
5:00 -6:00 pm

Link to Register for Live Session

Session 6:
Unit 3: Using Metacognitive Notes

Session 7:
Right Triangle Trigonometry
Release Date: April 1, 2021

Link to Pre-Recorded PL Session

Session 8:
Data Driven Instruction and Recalibration
Release Date: May 13, 2021

Link to Pre-Recorded PL Session

Pre REC Session

Pre REC Session

Pre REC Session

Pre REC Session
HS: Geometry

Session 1:
Modeling Circumference of a Circle
Date: December 9, 2020 4:00 - 5:00 pm
Link to PL Session Recording

Session 2:
Geometric and Algebraic Connections
Date: December 16, 2020 4:00 - 5:00 pm
Link to PL Session Recording

Session 3:
Things to Consider as You Start the New Semester
Release Date: January 6, 2021
Link to Pre-Recorded PL Session

Session 4:
Transformations in the Coordinate Plane
Date: January 13, 2021 4:00 - 5:00 pm
Link to PL Session Recording

Session 5:
Similarity, Congruence, and Proofs
Date: February 10, 2021 4:00 - 5:00 pm
Link to PL Session Recording

Session 6:
Right Triangle Trigonometry
Date: March 10, 2021 4:00 - 5:00 pm
Link to Register for Live Session

Session 7:
Applications of Probability
Date: April 14, 2021 4:00 - 5:00 pm
Link to Register for Live Session

Session 8:
Reflections and Looking Ahead
Release Date: May 12, 2021
Link to Pre-Recorded PL Session

Pre REC Session
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Watch Now | Watch Now | Watch Now | Watch Now | Watch Now | LIVE | LIVE |
Mathematics Virtual Specialists
2020-2021

Kindergarten Virtual Specialist
Seyoung Holte

1st Grade Virtual Specialist
Ginny Baldwin

2nd Grade Virtual Specialist
Christy Sutton

3rd Grade Virtual Specialist
Vanessa Majdoub

4th Grade Virtual Specialist
Michelle Bellamy

5th Grade Virtual Specialist
Jennifer Han

6th Grade Virtual Specialist
Dr. Brian Lack

7th & 8th Grade Virtual Specialist
Kenneth Golden

Coordinate Algebra
Virtual Specialist
Timesha Brooks

Algebra I
Virtual Specialist
Archie Proveaux

Analytic Geometry
Virtual Specialist
Jernita Randolph

Geometry
Virtual Specialist
Charlene Matthew

Advanced Algebra/ Algebra II
Virtual Specialist
Dr. Becky Gammill