

K-5 MATH TEACHING RESOURCES

2021 - 2022

K-5 MATH TEACHING PROJECT DAYS

The 2021-2022 K-5 Math Teaching Project days will focus on the grade-level skills, strategies and required fluencies that are of highest priority at each grade level. Sessions will be offered in the following grade bands: Kindergarten, Grades 1-2, Grades 3-4, and Grade 5. Participants will attend five professional development days designed to:

- . further develop their knowledge of the learning progressions and mathematics content that is of highest priority at each grade level
- . deepen their understanding of the eight Standards for Mathematical Practice and the integral role they play in math instruction
- . explore current literature and research relating to mathematics education
- . engage in hands-on experiences that model effective teaching practices
- . explore tools and models to support efficient computation, sense making and problem solving
- . develop strategies for fostering effective classroom discourse that reveals student thinking, improves student reasoning, and builds academic language
- . develop strategies for making written communication and the use of mathematical representations integral aspects of math instruction
- . explore effective assessment strategies and the use of data to inform planning

The Project days are designed as a sequence for ONE teacher to attend all five days across the year. The purchase of one seat equals participation for one teacher to attend the sequence of days for that grade band. Schools may nominate two teachers per grade level to participate in the Project days as a means of providing collegial support and increased benefits for the school.

Participation in the Project days will be limited to 15 participants per session to provide opportunities for active discussion and collaboration while allowing for social distancing. At this time, all sessions are scheduled to be held in person at our NYC headquarters on Roosevelt Island from 9:00a.m. – 2:00 p.m. If required, sessions will move to an online format.

PLEASE NOTE: Registration priority will be given to participants from schools working with a K-5MTR mathematics consultant in the 2021-2022 school year.

K-5 Math Projects 2021 – 2022

Kindergarten	Grades 1 - 2	Grades 3 - 4	Grade 5
10/29/21 Session 1: Counting Routines and Centers	10/22/21 Session 1: Building Addition & Subtraction Fact Fluency	10/8/21 Session 1: Building Multiplication Fluency from Conceptual Understanding	10/1/21 Session 1: Multi-Digit Multiplication and Division with Whole Numbers
12/10/21 Session 2: Describing and Comparing Measurable Attributes	12/3/21 Session 2: Making Sense of Addition and Subtraction Word Problems	11/19/21 Session 2: Building Division Fluency from Conceptual Understanding	11/5/21 Session 2: Operations with Decimals
1/28/22 Session 3: Identifying and Describing Shapes	1/14/22 Session 3: Length, Time & Data	1/7/22 Session 3: Solving Problems Involving Measurement	12/17/21 Session 3: Operations with Fractions: Part 1
3/11/22 Session 4: Understanding Addition and Subtraction within 10	3/4/22 Session 4: Reasoning with Shapes and Their Attributes	2/18/22 Session 4: Fraction Equivalence & Comparison	2/11/22 Session 4: Operations with Fractions: Part 2
4/29/22 Session 5: Foundations for Place Value	4/1/22 Session 5: Using Place Value Understanding to Add and Subtract	4/8/22 Session 5: Classifying Shapes by Lines and Angles	3/18/22 Session 5: Understanding Concepts of Volume

K-5 MATH PROJECT REGISTRATION FORM



SCHOOL: PRINCIPAL: PRINCIPAL'S EMAIL: REQUIRED NUMBER OF CONSULTANT DAYS:	K-5MTR IS A NYCDOE CONTRACTED VENDOR VENDOR NO: NIC001218 PRICING: PROJECT DAYS: \$1,000 per participant SCHOOL BASED CONSULTANT DAYS: Email for a quote.
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REGISTRATION

1. Complete all sections.
2. Pay by Purchase Order or school check.
3. Email form to orders@k-5mtr.com with subject line: Math Project days 2021-2022.

GRADE	PARTICIPANT	EMAIL
K		
1		
2		
3		
4		
5		

CANCELLATION POLICY

All cancellations must be submitted in writing to orders@k-5mtr.com. Cancellations received in writing at least 21 business days prior to the start of the program are entitled to a full refund, minus a \$50 administration fee. Additional details regarding our cancellation policy are available on the Institutes and Events page on our website.