Back to School Night

September 15, 2022

Math 4-5 and 5-6 Overview

Ms. Ayesha Jeter and Ms. Tracey Kleckner

William Tyler Page Elementary School

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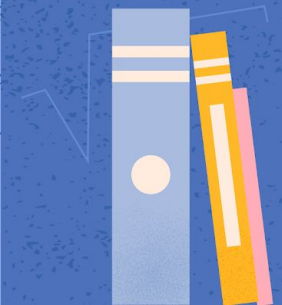
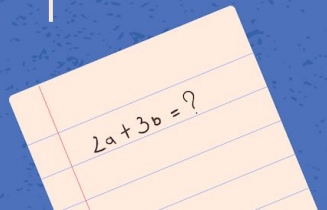
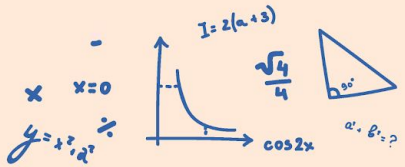




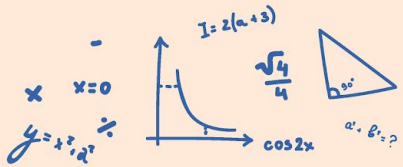
Who Am I?

- Ms. Ayesha Jeter
- Born in NY and raised in NJ
- Graduated from Howard University & University of Maryland
- Experience: Grade 2 Teacher in DC; Grades 4 & 5 Teacher at Page for 7 years
- Focus teacher: math intervention and acceleration
- Math is my favorite subject!

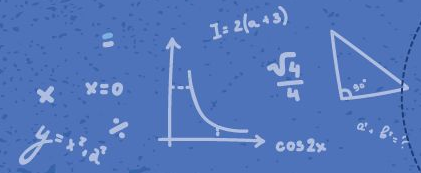


Who Am I?

- Ms. Tracey Kleckner
- Born and raised in PA- GO BIRDS
- Undergraduate degree from Penn State University (We Are!) and Masters from Walden University
- Experience: Grade 1 in VA, Grade 4 for 6 years at Page
- Taught compacted math a few years ago and am now back teaching my favorite subject at an enriched pace!
- Am a proud dog mama!

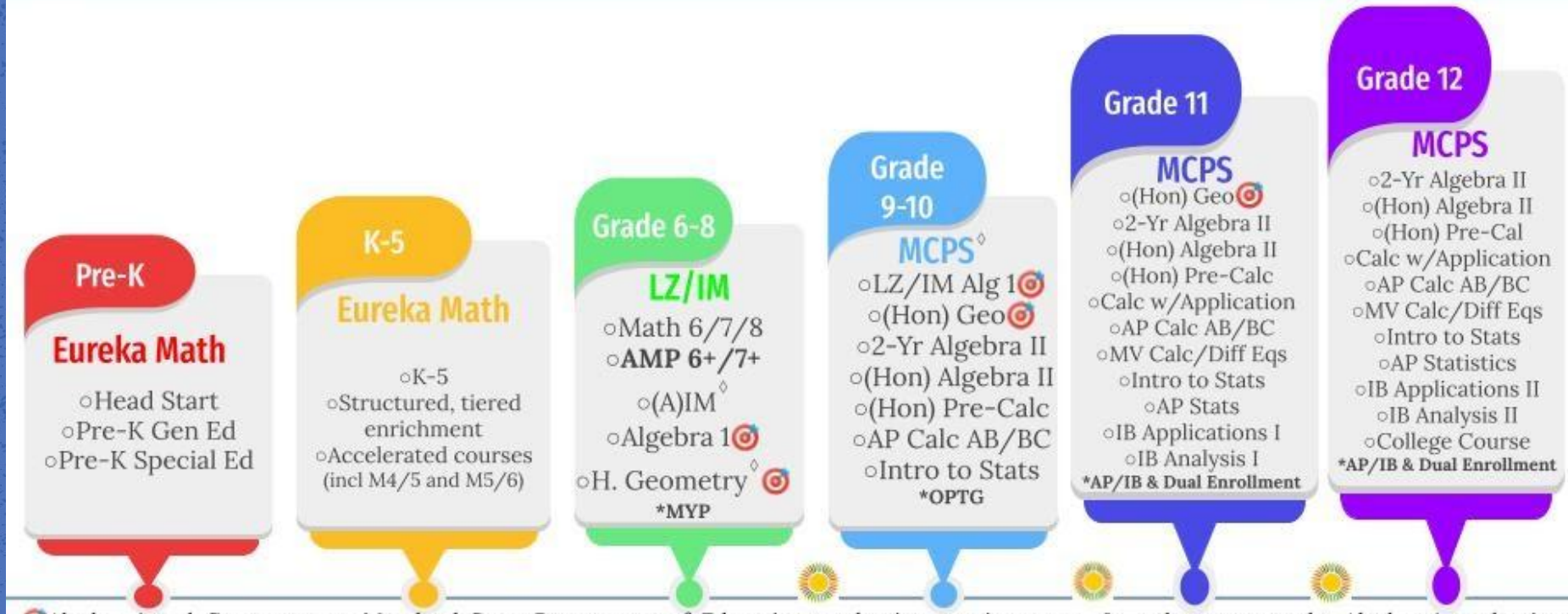


Math Acceleration & Enrichment



- Math curriculum has been updated
- Math enrichment for grades K-5
- Acceleration for grades 4-5
- Equitable advanced math opportunities in grades K-12

MCPS: PreK - 12 Mathematics Trajectories



🎯Algebra 1 and Geometry are Maryland State Department of Education graduation requirements. In order to meet the Algebra 1 graduation requirements, students must earn credit in an Algebra 1 course and pass the Algebra 1 Maryland Comprehensive Assessment Program (MCAP). Students must earn 1 credit with instruction in geometry, aligned with the content standards for geometry. ◊ Summer Program credit-bearing course options.

* Math lessons are combined or skipped to accelerate pacing. *

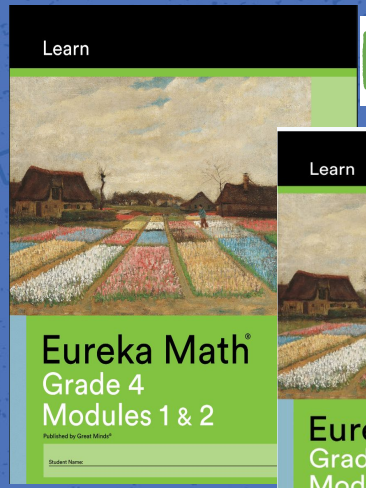
Mathematics 4-5 at 1:50 - 3:00 pm

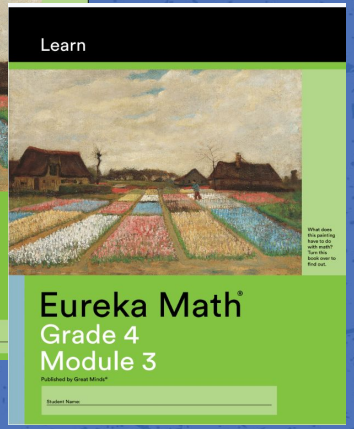
- Grade 4 Modules 1-7 and Grade 5 Modules 1-3
  - Grade 5 content starts in February

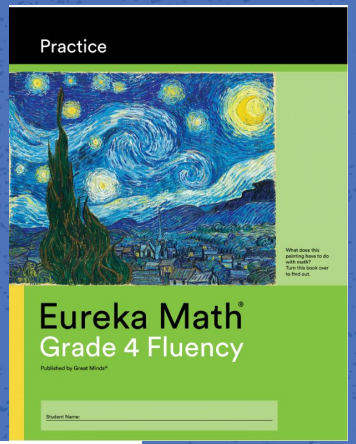
Mathematics 5-6 at 9:10 - 10:20 am

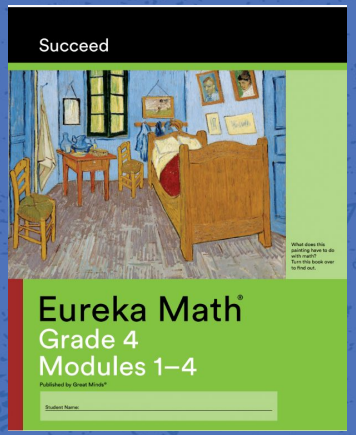
- Grade 5 Modules 4-6 and Grade 6 Modules 1-6
  - Grade 6 content starts in November

Eureka Math 4-5 books MP1









Learn

Problem set
Exit ticket

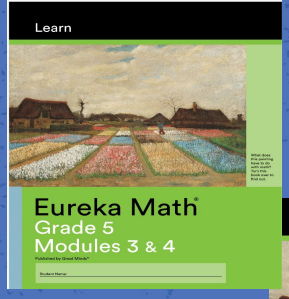
Practice

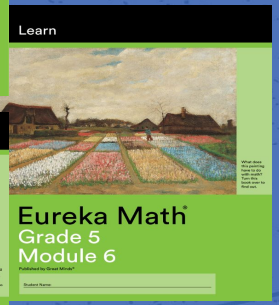
Fluency
Templates

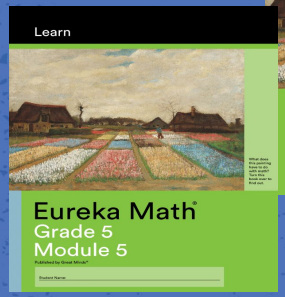
Succeed

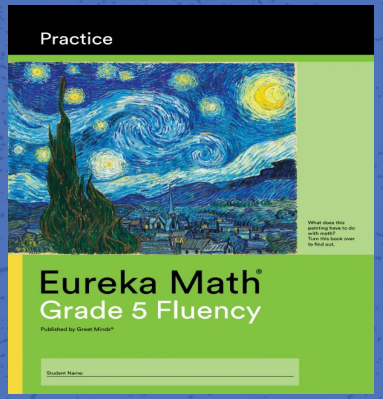
Homework
Newsletter

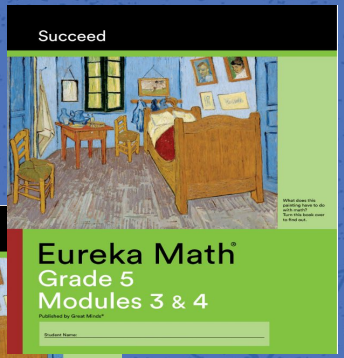
Eureka Math 5-6 books MP1

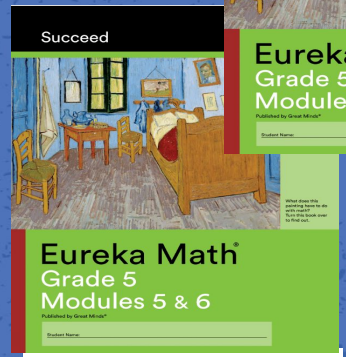












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Student Expectations

- Stay seated in your work area.
- Keep materials nearby: Eureka books, notebook, pencils
- Complete the assigned Problem Set and exit ticket daily.
- Turn in homework on time.
- Share ideas during class discussions.
- Ask questions to clear up any confusion.
- Always try your best!

Get ready to take risks, complete challenges, and work together to learn new math skills!

Eureka Math block

*60-75 minutes

- Fluency ~10 minutes
- Application Problem ~10 minutes
- Concept Development ~20 minutes
  - Problem Set ~10 minutes
- Debrief ~5 minutes
  - Exit Ticket ~5 minutes

- Homework ~20 minutes
  - Mondays - Thursdays

Homework Helpers are located in students' Succeed books. The pages include examples and notes similar to problems from class.

Math 5-6

Evaluate means *solve*, so I need to find the value of the unknown.

1. Write expressions to match the diagrams. Then, evaluate.

a.

I also could have written $(23 - 8) \times \frac{1}{3}$. Both expressions are correct.

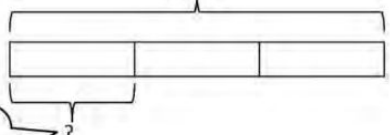
$\frac{1}{3} \times (23 - 8)$

$= \frac{1}{3} \times 15$

$= \frac{15}{3}$

$= 5$

23 − 8, or 15, is the whole.



The question mark shows that I'm trying to find 1 third of the whole.

Math 4-5

Using an algorithm means that the steps repeat themselves unit by unit. It can be an efficient way to solve a problem.

1. Solve the addition problems using the standard algorithm.

a.
$$\begin{array}{r} 5,122 \\ +\ 2,457 \\ \hline 7,579 \end{array}$$

No regroupings here! I just add like units. 2 ones plus 7 ones is 9 ones. I put the 9 in the ones column as part of the sum. Then, I continue to add the number of units of tens, the hundreds, and the thousands.

b.
$$\begin{array}{r} 5,124 \\ +\ 2,457 \\ \hline 7,581 \end{array}$$

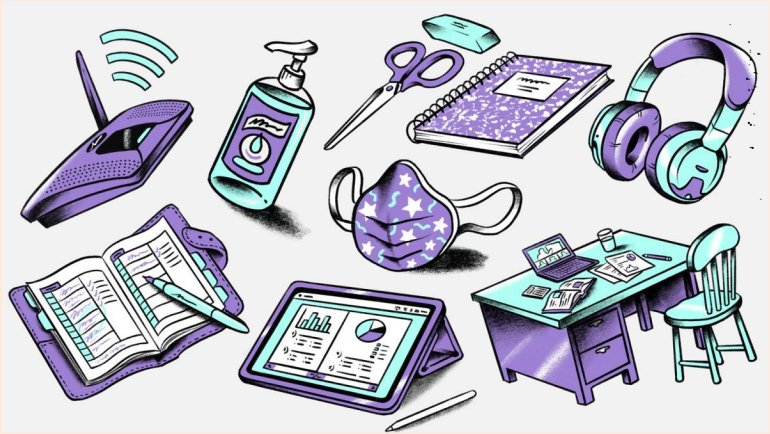
I have to regroup ones. 4 ones + 7 ones = 11 ones. 11 ones equals 1 ten 1 one. I record 1 ten in the tens place on the line. I record 1 one in the ones column as part of the sum.

I add tens. 2 tens + 5 tens + 1 ten = 8 tens. I record 8 tens in the tens column as part of the sum.

c. $38,192 + 6,387 + 241,458$

$$\begin{array}{r} 38,192 \\ 6,387 \\ +\ 241,458 \\ \hline 286,037 \end{array}$$

The order of the addends doesn't matter as long as like units are lined up.



Please contact your child's teacher if you need help getting any materials.

Math Materials

- Eureka Math books
- Notebook
- Folder
- pencils, erasers
- colored pencils, crayons
- scissors, glue
- dry erase markers, board
- Chromebook

Assessments

- Practice activities- *graded*
- Weekly quizzes- *graded*
- Mid-Module and End-of-Module tests- *graded*
- Performance Matters online tests- *district testing*
- MAP-M and MCAP- *state testing*

Grades

Academic Grades

Grade	Description
A	The student ***consistently*** demonstrates mastery of the grade-level standards taught this marking period.
B	The student ***frequently*** demonstrates mastery of the grade-level standards taught this marking period.
C	The student ***periodically*** demonstrates mastery of the grade-level standards taught this marking period.
D	The student ***rarely*** demonstrates mastery of the grade-level standards taught this marking period.
M	Missing data – no score recorded.

Mathematics-Grade 4/5 – Overall Grade				
Geometry				
Measurement and Data				
Number and Operations in Base Ten				
Number and Operations-Fractions				
Operations and Algebraic Thinking				
Your child is enrolled in an accelerated mathematics course.				

Mathematics-Grade 5/6 – Overall Grade				
Expressions and Equations				
Geometry				
Number and Operations-Fractions				
Ratios and Proportional Relationships				
Statistics and Probability				
The Number System				
Your child is enrolled in an accelerated mathematics course.				

Math Support

If students need math support:

- Ask for help before leaving class
- Use Homework Helpers & Study Guides
- Schedule a math chat during the intervention block
- Send an email for more resources

If students need challenges:

- Do pages or questions that were skipped
- Solve problems in reverse order #3,2,1
- Send an email for more resources

Additional Topics

Contact Information

Ms. Jeter is in Portable 1.

Ayesha_N_Jeter@mcpsmd.org ayesha.n.jeter@mcpsmd.net on Class Dojo

Ms. Kleckner is in Portable 5

Tracey_L_Klecker@mcpsmd.org tracey.l.klecker@mcpsmd.net on Class Dojo

Newsletters will be sent out weekly with important dates, math strategies, and examples.

Conferences: Look for messages from Ms. Jeter and Ms. Kleckner about parent teacher conferences.

Math 4/5 Parents
Please complete the survey.

Math 5/6 Parents
Please complete the survey.

SCAN ME

Questions or Concerns

Thank you!