

WHERE'S THE MATH?

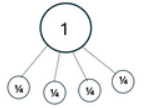
Volume 2, 1st Edition

It's Everywhere!

Math & Music: The Rhythm of Fractions

In music, whole notes are made up of smaller fractional notes. Grade 3 students use number bonds to break apart fractions, and Grades 4–5 perform operations with them. Algebraic skills are also used in music! For example, in 4/4 time, a measure has one half note and two eighth notes. How many more beats are needed to make 4 beats total? Written as numbers, it's $2 + (\frac{1}{2} + \frac{1}{2}) + x = 4$.

Can you figure out what note x represents?



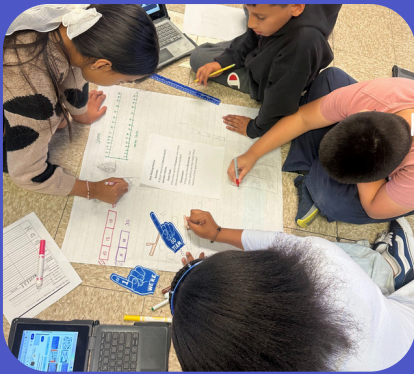
Where We Are in Place and Time

In Mrs. Matos' sixth-grade classroom at DPS, math and history came together! Students used multiple strategies to figure out how early humans might have gathered materials to make tools.

Their challenge:

If 3 wooden sticks and 2 stones make one spear, how many materials would a tribe need to create 15, 30, or even 45 spears? (6.RP.A.3)

Working in teams, students discussed strategies, compared reasoning, and discovered how ratios help solve real-world problems—even in ancient times!



Math Shout Outs!

Huge shout outs go to Mrs. Bryan-Pryce (JAM) and Mr. Ishmael's (JS) classes for holding the #1 spots in First in Math for September and October, respectively.

Congratulations to all the staff and students who received Magma Math certificates for the first quarter! Keep completing problems and showing good thinking!



Caregiver Connection

Try This at Home!

Math moments happen naturally—just talk about them!

Try one of these during everyday routines:

- While cooking: "Which cup is $\frac{1}{2}$? How many do we need to make 1 cup?"
- During grocery shopping: "Is the bigger box really a better deal?"
- Walking somewhere: "Let's estimate how many steps it will take to get there."
- Playing sports: "How do we keep score? How do we know who's winning?"

A little math talk builds confidence, curiosity, and strong thinkers.

No worksheets required.

Online Tools for Success
Slides and videos for Eureka lessons
can be found on Great Minds and
Embarc! They are an engaging way to
flow through lesson and ensure that
all is covered

Do you want to be featured in our next newsletter?
Send a photo and a blurb of the math happenings in
your room to cclarke@hempsteadschools.org titled
"Where's the Math"