



1+1=2 Math News

WINTER 2017



Spring Events

Involve your students in these annual math competitions sponsored by the WSMC.

Middle School Math Olympiad
April 28, 2018

High School Contest
Regional Contest March 7, 2018
State Contest April 22, 2018

For information about the regional high school contest contact

Maryke Haynes
haynes.maryke@battlegroundps.org

www.wsmc.net

A message from your Math Coordinator

I am just winding down from a very busy fall that included participation on the Northwest Math Conference planning committee. It was great to see so many of you from our region at this event in Portland this year. In fact, with just shy of 1500 attendees there were only four more Oregonians in attendance than Washingtonians. Mark your calendars now, and maybe we can top that in Portland 2020! There are many ideas others can learn from happening right now in your classrooms and schools, I hope you might also consider submitting a proposal to speak at this event.

Have something to share in the meantime? Or something you are hoping to learn more about? Please contact me and let's try to make it happen.

- Molly



Molly Daley
Regional Math Coordinator
molly.daley@esd112.org

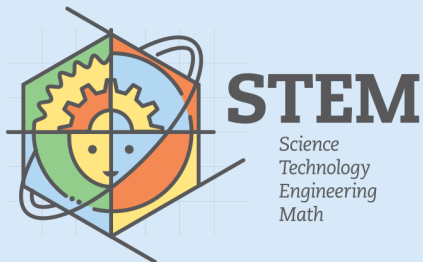
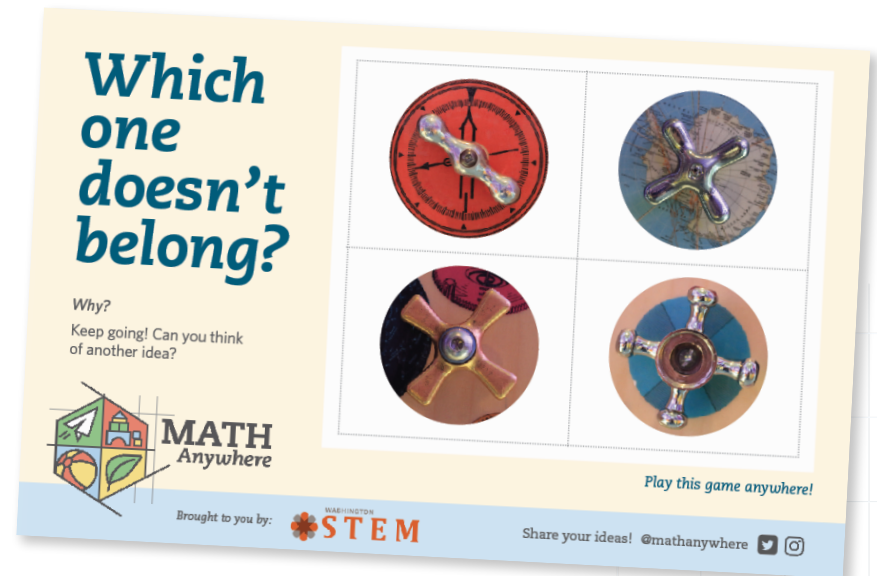
Follow Molly on Twitter:
[@mdaley15](https://twitter.com/mdaley15)

Math Anywhere! project launches at Vancouver library

We officially launched Math Anywhere!—a project to promote playful math conversations in everyday spaces. In collaboration with our first community partner, the Vancouver Community Library, we visited Explore! program to share place-based math prompts with children and their grown-ups. Visit the Early Learning Center at the Vancouver Community Library to try our activity cards.

Follow @mathanywhere on Twitter and Instagram and look for us around town as we aim to highlight the math in the places you go...like, the donut shop...the fair...anywhere!

Know an early learning teacher that would like to try out our preschool STEM kits complete with ideas to highlight or enhance the mathematics?
Contact niki.johnston@esd112.org



A PROGRAM OF
EDUCATIONAL SERVICE DISTRICT 112

www.esd112.org/stem-initiatives

Upcoming Professional Development Opportunities for...

Teachers of Grades K–5

Graham Fletcher is back!

Graham Fletcher (@gfletchy) has been busy working with teachers all over the country and internationally. We are lucky to have him back in Vancouver this spring.

Friday March 9: *Progression of Fractions for grades 3-5*

Saturday March 10: *Progression of Number and Operations for grades K-5*

Not familiar with Graham? Take a peek at his [3-act Tasks](#) or [Progressions Videos](#), or maybe try this [5-minute Ignite Talk](#).

Registration will open in January!

AfterMath

K-5 teachers you are invited!

A collaboration between math-enthusiasts in Battle Ground and Evergreen school districts, AfterMath is a monthly gathering in which teachers come together to do a little math and consider best practices and resources to enhance math learning for students. Clock hours available through Evergreen Public Schools. [Event details](#).

Have an opportunity or event to share from your district? Send your flyer or details to molly.daley@esd112.org.

Teachers of Grades 6–12

desmos STEM Clock Hours

Join us to learn all things [Desmos](#) from Desmos Fellow Stephanie Blair (@welblair). Attend one session or both because there is so much to learn about the free calculators, ready-made digital activities, and lesson design tools Desmos has to offer. These sessions are designed with teachers of grades 6-12 in mind.

Tuesday January 9 - Desmos: *Calculator and Activity Builder Essentials*

Tuesday February 27 - Desmos: *Utilizing Classroom Activities*

Math Coaches

Virtual PLC

You may be the only math coach in your school or district. Fear not, there are many others just like you. This Virtual PLC for math coaches meets monthly via Zoom (Thursday 3:30-4:30 PST).

Collaborate, problem solve, and meet new coaching colleagues from around the country.

Contact Polly Wagner waglevcott@icloud.com if you are interested in joining.

All Math Educators

Looking for an inspiring opportunity to learn from some of the best math educators in the Math/Twitter/ Blogosphere (#MTBoS a.k.a. #iteachmath)?

Try this nine-session online course on [Developing Students' Mathematical Sense-making](#) (credit avail.). Each session features a different presenter...and it's an amazing line-up.

Looking for educational inspiration in a format that is quicker and free? Ignite-talks can provide a 5-minute professional pick-me-up. [Browse the complete gallery here.](#)

On the limitations of labels

If you are a subscriber to the [YouCubed](#) newsletter then you may have already seen this short film [Rethinking Giftedness](#) released by Jo Boaler and her YouCubed team. Through this video and her research and writing, Dr. Boaler raises questions about identity and access in math worthy of consideration in our classrooms, schools, and districts. Students are often grouped for math starting in the earliest grades. *How do the structures and systems we put in place impact the learners we are intending to serve?*

Fans of the Harry Potter series might be reminded of the sorting hat, shuffling the Hogwarts students into 1 of 4 distinct houses based on their personal characteristics. *How did the house placement shape how the students of Hogwarts thought about themselves? How did this shape the way students thought about each other?*

