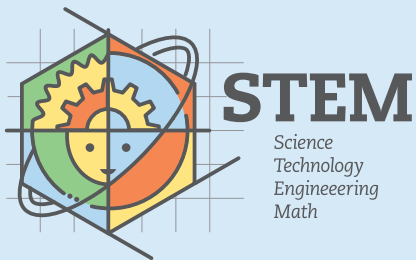




1+1=2 Math News

SPRING/SUMMER 2017



A PROGRAM OF
EDUCATIONAL SERVICE DISTRICT 112

Welcome to the ESD 112 Regional Math newsletter!

This will be one way we periodically communicate about math topics, news, resources, events, or other opportunities that may interest you. This issue is dense with summer learning you may want to access. In the future, look for a diverse collection of math goodness curated right here!

Statewide opportunities

Bridge to College

This successful program will continue for 2017-18. If your school is interested in offering the Bridge to College course, contact Katy Absten (katy.absten@k12.wa.us). Summer professional development will be provided for new teachers.

Modeling the Future (MTF) Challenge

This new high school academic competition asks students to model the impacts of driverless cars. Interested teachers should [view the first webinar](#).

A message from your Math Coordinator

Over the past year I've visited many of your districts, or our paths may have crossed here at the ESD conference center. If we haven't had the pleasure of meeting yet, you might not know that I joined the amazing STEM team at ESD 112 in July 2016. Prior to that I worked as a Math Curriculum Specialist for Evergreen Public Schools for 10 years. Sue Bluestein has officially retired, though she is still involved with some of our projects, and I am certainly a beneficiary of her expertise.

I am enjoying the broad scope of my role as a Regional Math Coordinator. In just one week I found myself at the Fort Vancouver Regional Library working on a place-based early learning math project, participating as a judge for the [STEM Fair](#) at Harney Elementary, visiting student enrichment groups in the [Glenwood School District](#) and traveling to the coast to work with [Ocean Beach](#) teachers. Every day is different and every day is math. What more could I ask?

- Molly



Molly Daley
Regional Math Coordinator

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

Register today for one of these FREE professional learning events *Graham Fletcher and Andrew Stadel here in June!*

We are very fortunate to welcome Andrew Stadel and Graham Fletcher to our region in June. If you have heard of [Estimation180](#) or you have visited gfetchy.com for 3-Act Tasks or progression videos, then you are already familiar with the great work they both share freely. Bonus: these professional learning events are offered at NO COST!

Andrew Stadel:

[Instructional Tools for the Secondary Math Classroom \(6-12\) | June 26-27](#)

Graham Fletcher:

[Number and Operations K-2 | June 27](#)

[Number and Operations 3-5 | June 28](#)

www.esd112.org/stem-initiatives

Upcoming Professional Development Opportunities



MEC Expressions & Equations

August 7-10, 2017

This course provides teachers activities for the classroom that will not only differentiate instruction, but build a conceptual foundation for Algebra and the meaning of equations.

Instructors: Heidi Rhodes and Jonathan Aho

Audience: Teachers of grades 4-10

Cost: \$175

Location: Woodland Middle School

Available Clock Hours: 24 - \$48



ShadowCon

Did you miss the NCTM Annual Meeting in San Antonio? Maybe not!

Dan Meyer and friends launched the 3rd annual ShadowCon, an event designed to extend learning beyond the April conference. This year's event featured four incredible speakers and each 10-minute talk serves as a preview for one of four FREE online courses that will launch later in the year. You can watch each talk and indicate your interest in participating in one or more of the online courses [here](#).



BEST Professional Learning Event

June 26-30, 2017

A full week of professional learning at the ESD for teachers! Hurry, courses are filling quickly.

Computer Science in Algebra: Code.org for Middle School Math

June 16 & 17, 2017

This FREE 2-day workshop introduces middle and high school math teachers to Code.org/Bootstrap CS in Algebra curricular modules. 12 STEM clock hours.

Substitute reimbursement for Friday and \$150 stipend for Saturday is available for those who complete both days and the evaluation.



OSPI

Office of Superintendent of Public Instruction

Washington State Fellows' Network

This OSPI program is designed to engage teacher leaders in ELA, mathematics, science, and early learning. For more information about regional participation contact molly.daley@esd112.org.

Instructional Materials Adoption (IMA): Process, Toolkit and Leadership

October 3-4, 2017

A workshop and toolkit to support district teams with the materials adoption process. This is also an effort to develop a cadre of leaders who can support districts in this process.



Mathematical Mindsets

New online course from Dr. Jo Boaler starting June 5!

Includes 30 classroom videos and outlines specific methods for helping students develop a growth mindset and improve math achievement.

WSMC Clock Hours

The Washington State Mathematics Council (WSMC) is offering 20 clock hours for completing Dr. Jo Boaler's **How to Learn Math for Teachers online course**.

Participate by [joining WSMC](#) for only \$25. Email a copy of your certificate of course completion to annsipe@charter.net. Non-members can mail the certificate and a check for \$40 to Ann Sipe, 1002 Concord Way, Prosser, WA 99350.

Parents, teachers or students of any age can enjoy this **free online version** of **How to Learn Math** in English or Spanish.

Other happenings in our Southwest Washington Region:

- ▶ **One by One 2017** hosted by Evergreen Public Schools featuring expert educators including Bill McCallum, Grace Kalemanik and Amy Lucenta.
- ▶ **The Kindergarten Smorgasboard** is Coming to Chinook, WA!