



# Focus on Mathematics Seminar

## Repurposing the Curriculum: Extendable Algebra and Number Theory Problems for grades 4–12

In this seminar we will explore a series of algebra and number theory problems that are accessible at the upper elementary and middle grade levels and extendable to all levels of high school. In the process of solving them we'll look at how approaches and topics at the most elementary level can be deepened, allowing students to extend their understanding to more challenging concepts.

Come and enjoy learning and collaborating with your fellow FoM colleagues. Teachers of all grade levels are welcome!

**Presenter:** Kent Werst,  
Arlington High School

**Date:** Thursday, December 17

**Time:** 3:30 – 6:00 p.m.

**Place:** Arlington High School  
869 Massachusetts Ave.  
Arlington 02476

**REGISTER** by December 15th

To register, visit the online registration tool at

<https://secure.edc.org/cme/mathcp/registration/default.asp?mtgID=14>

or contact Melody Hachey at EDC

[mhachey@edc.org](mailto:mhachey@edc.org) or 617-618-2801

(enter through the main entrance, turn left, follow signs to the last room on the left. Room 305)

For directions, see  
[www.focusonmath.org/FOM/partners/districts/arlington.php](http://www.focusonmath.org/FOM/partners/districts/arlington.php)

### Mark Your Calendars! FoM Events for 2009–10 School Year

#### Academic Year Seminars

Wednesday, January 27, 2010  
Lawrence

Monday, March 15, 2010  
Watertown

Thursday, March 25, 2010  
Waltham

Thursday, April 15, 2010  
Chelsea

#### PROMYS For Teachers Seminars @ EDC

Friday December 11, 2009

Friday March 19, 2010

Friday April 9, 2010

#### Focus on Mathematics Colloquium

2nd Annual Marvin I. Freedman Memorial  
Friday March 19, 2010

#### Focus on Mathematics MATH EXPO

Saturday June 12, 2010

