

# A FOCUS ON MATHEMATICS SEMINAR

## *Pascal's Triangle:*

*What is it good for? Actually, what isn't it good for?*

*Presented by:*

**Bob Weldin, Lawrence High School**

**Cathy Fisher, Oliver School (Lawrence)**

*Date:*

**January 24, 2007**

*Place:*

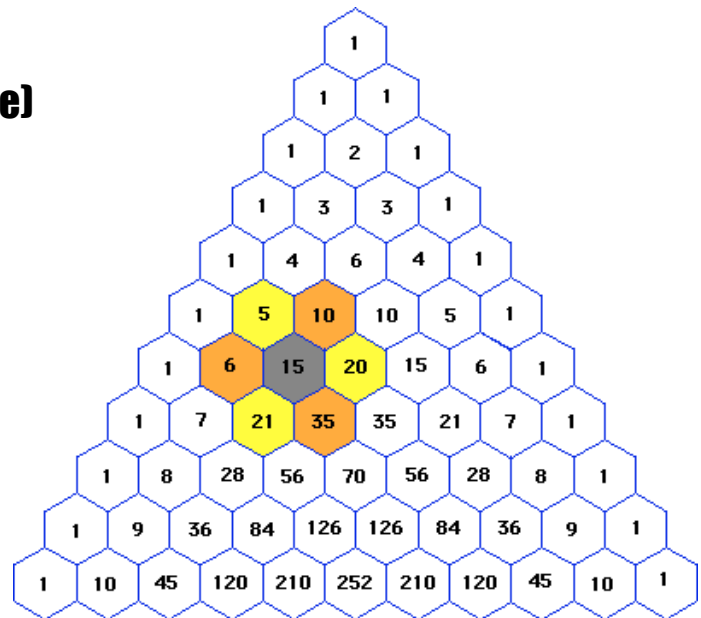
**SOUTH LAWRENCE EAST  
ELEMENTARY SCHOOL**

**Music Room**

**165 Crawford St.**

*Time:*

**3:00 – 6:00 PM**



This seminar will allow participants to discover new and interesting patterns in Pascal's triangle, and to connect these patterns to curricular topics at their grade level. Come find out how Pascal's Triangle can be used to teach many standards in number theory, geometry, probability, and more! Find meaning in patterns of square numbers, triangular numbers, tetrahedral numbers, Fibonacci numbers, binomial coefficients... We can't give everything away ahead of time, so you'll have to come to find out the rest!

**Teachers of all grade levels are invited!**

**DEADLINE FOR REGISTRATION IS JANUARY 19. SPACES WILL BE FILLED ON A FIRST COME BASIS. PLEASE CONTACT YOUR DISTRICT LEADER FOR REGISTRATION. MORE INFORMATION AND DIRECTIONS TO SOUTH LAWRENCE EAST ELEMENTARY SCHOOL CAN BE FOUND AT [WWW.FOCUSONMATH.ORG](http://WWW.FOCUSONMATH.ORG).**

**REFRESHMENTS WILL BE SERVED FROM 3:00 TO 3:20.  
THE SEMINAR WILL BEGIN PROMPTLY AT 3:30.**



*Focus on Mathematics* is a unique partnership of mathematicians and educators from Boston University, Education Development Center, Inc., Worcester Polytechnic Institute, UMass Lowell, Lesley University, and five Greater Boston school districts: Arlington, Chelsea, Lawrence, Waltham, and Watertown.

