

2014 Ted Lewis Math Fair Workshop Schedule

Saturday April 26

What is SNAP and what is a SNAP Math Fair? - Tiina Hohn (MacEwan University)

An introduction to the workshop outlining the purpose and goals of the Ted Lewis Math Fair Workshop and the SNAP organization.

Math Olympic Puzzles Across the Curriculum – Janice Hoffman (Edmonton Public Schools)

I will talk about what our school did for Celebration of Learning and how some of our classes presented puzzles to their parents. Janice Hoffman

Coffee Break

Evergreen Elementary - Our Math Fair Journey – Nicole Kotyk (Evergreen Elementary)

Take a walk with the division two staff and students at Evergreen Elementary as we share our timeline, and preparation process for our first annual math fair! The staff will detail their successes, struggles and a-ha moments. Consider this a step by step guide to planning and executing an exciting mathematical opportunity for your students. If you're asking, "what will a math fair look like in my classroom (or school), and how do I begin?", this session is for you!

MathFair; Getting started – Vince Isaac (Edmonton Catholic Schools)

This will be a short presentation detailing how I go about doing a Math Fair. Pictures and information of the process to get a math fair going at an elementary school. with questions to follow.

Lunch

Math Fest at TWOSE: Exploring Math Outside the Box and Outside the Classroom – Sam Marion (Telus World of Science Edmonton)

On October 21, 2010, TELUS World of Science - Edmonton hosted their very first Math Festival and it was a resounding success both in terms of attendance and general excitement. The festival has continued to grow and evolve over the years to the point where it is now one of our most anticipated events. I'll share some of the key aspects of the Math Fest experience that allow us to make math come alive for Alberta students.

JAMES Program – Ryan Morrill (University of Alberta)

A Saturday recreational mathematics circle for Junior high students who love math. Who can participate, how to register, what do they do?

Coffee Break

The Card Sorting Game – Trevor Pasanen (University of Alberta)

This game is played with a deck of 100 cards numbered from 1 to 100 (not a normal deck of cards). They are shuffled thoroughly and the top card is turned over. If it is number 1, the game is won. If it is number i where $2 \leq i \leq 100$, then it is inserted into the deck so that it is the i -th card from the top. Then the new top card is turned over and the same process is applied. Can this game be won eventually, regardless of how the cards are stacked?

Don't Trust the Math Prof (Ted Lewis – SNAP Mathematics Foundation)

The actions of some mathematicians, along with the recent Alberta back-to-basics petition, have aggravated the tensions that exists between mathematicians and K-12 teachers. This session will discuss this.

Sunday April 27

Panel discussion on organizing a SNAP Math Fair, extra questions and concerns.

Coffee Break

Closing Remarks – Sean Graves (University of Alberta)