

## Math Fair Entry Categories and Grade Levels

**Intermediate** (Grade 7/8) **Junior** (Grade 9/10) **Senior** (Grade 11/12)

- A) Mathematics Topic Proofs or Explanations (these may include demonstrations, formal proofs, history of mathematics topics, proof by demonstration, analysis of mathematical concepts or ideas, and the historical significance of topics in mathematics)
- B) Mathematics Problem Applications (theoretical or practical including applications in the arts; can involve technology)
- C) Demonstrations and mathematical teaching aids (these may include computer illustrations, educational tools and manipulatives and mechanical devices)

Participant(s)	Category	School	Project Title	Prize
Tonis Start	Intermediate A	Land of Lakes Senior Public School	All About Pi!	
Patrick Satcher	Intermediate A	Centennial Public School	Stock Market Mathematics	
Natasha Snoddon	Intermediate B	Centennial Public School	Using Math to Support Science Inventions	<b>Gold Medal</b>

## **2009 MATH FAIR WINNERS**

### Elementary School Participants

Participant(s)	Category	School	Project Title	Prize
Alec Duric	Intermediate A	Land of Lakes Senior Public School	Pythagoras' Theorem	<b>Bronze Medal</b>
Billy Gagne Brooks	Intermediate A	Centennial Public School	How to Solve the Rubik's Cube	<b>Silver Medal</b>
Aidan Kehoe & Evren Tuncali	Intermediate A	Pinewood Public School	Those Devilish Decimals and Divisibility	<b>Gold Medal</b>
Rosalie Laperriere & Hilary Morin	Intermediate A	Centennial Public School	Mathematics in Music	
Sarena Peterson	Intermediate A	Centennial Public School	Math Behind My Favourite Sports	

### Secondary School Participants

Participant(s)	Category	School	Project Title	Prize
Jane Ferguson	Junior A	Widdifield Secondary School	Shortcuts in Arithmetic	<b>Gold Medal</b>
Martin Gagné	Junior C	Chippewa Secondary School	Mathematics in Programming	
Yi Cong Huang	Senior A	Chippewa Secondary School	Equations of Collision	<b>Gold Medal</b>
Sarah Ferguson	Senior B	Widdifield Secondary School	PISA Mathematics Scores Analysis	<b>Gold Medal</b>
Nancy Berg	Senior C	Widdifield Secondary School	Stroke Rates in the United States	<b>Gold Medal</b>
Jonathon Tot	Senior A	Widdifield Secondary School	The Solution Of The Cubic Equation	<b>Silver Medal</b>



**Thank you for attending this year's Mathematics Fair!**

