

School Council Meeting #3

**Monday, November 28th, 2022
at 7:00 p.m.**

***Questions? Pls
use the link in
the chat.***

Land Acknowledgement

We affirm that we are all treaty people and acknowledge that the York Region District School Board is located on the lands of two treaties. These treaties have been signed with the Mississaugas of the Credit First Nation and the First Nations of the Williams Treaties who are: the Mississaugas of Alderville, Curve Lake, Hiawatha, Scugog Island; and the Chippewas of Beausoleil, Rama, and Georgina Island who is our closest neighbour and partner in education. To honour this agreement we will take up our responsibility to be respectful of their traditions, knowledge and inherent rights as sovereign nations. We will respect their relationship with these lands and recognize that our connection to this land is through the continued relationship with these First Nations, and we acknowledge our shared responsibility to respect and care for the land and waters for future generations.

Agenda

1. **Welcome**
2. **Updates from USAC**
3. **Subject Department Presentations:**
 - * History - Ms. Faulkner
 - * Math - Mr. Wong
4. **Life-Proofing Our Kids for Success: A Four-Part Series - Dr. Merry C. Lin**
5. **Other**

Updates from USAC

- Student Council Presentation

By: Isaac Yu and Rachel Wong

The Humanities & Social Sciences Department at UHS

Indigenous Studies, History, Politics, Philosophy,
Sociology, Psychology, Anthropology, Law



Our History & Social Science Team

Presenter:
Sara Faulkner

Carly Donaldson

Zafirah Damji

Nancy Wong

Dustin Cash

Nathan Struk

Julia Fong

Evan Mallin



History Matters



“There are never easy answers to pressing questions about the world and public life.”

Alan Mikhail
Chair of History, Yale University

“Without historical knowledge you are not ready for life”

David Blight
Professor of History, Yale University

Vision for our Department

— — —

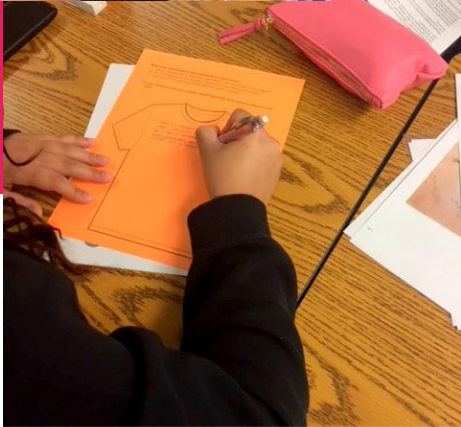
The History, Politics, Social Science, Philosophy and Law programs will enable students to become responsible, active citizens with the diverse communities to which they belong. We hope to disrupt traditional curricula to ensure that the students in our classes see themselves reflected in history and society. Students will become thoughtful and informed citizens who value a inclusive society, understand the ongoing consequences of colonization, and have the skills they need to solve complex social problems and communicate ideas and decisions about significant developments, events and issues in Canadian society and beyond.





Students use the traditional “tools” of historical thinking: Understanding perspectives, cause and consequence, continuity and change and significance explored through the use of primary sources.

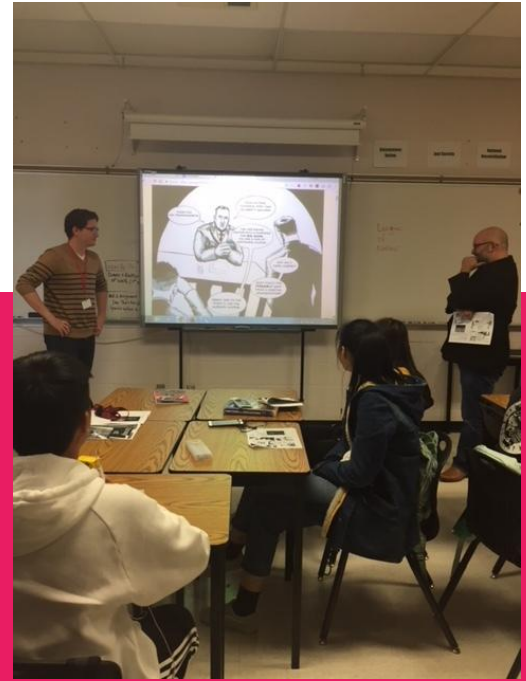
We often use games to teach complex social concepts.



Listening to stories from Residential School survivors teaches historical perspective and empathy for Indigenous experiences.



Guest speakers bring their expertise and real world experience to help make our curriculum relevant.



Our law students participate in mock trials – some even compete at a annual regional event at the Newmarket Court House.

Our Courses

GRADE 10

Canadian History
CHC2D1



Civics
CHV2O1

First Nations, Métis, and
Inuit in Canada
NAC2O1
Open

GRADE 11

Understanding Canadian Law,
CLU3M

Introduction to Anthropology,
Psychology, and Sociology
HSP3U & HSP3C

World History to the 14th Century
CHW3M

GRADE 12

World History from the 15th Century
CHY4U/C

Philosophy: Questions and Theories
HZN4U

Canadian and International Law
CLN4U

Challenge and Change in Society
HSB4U

Anti-Oppression Approaches to Learning

Students are increasingly exposed to overt prejudice, particularly on social media, and must navigate difficult conversations that often target their own social identities and dismiss their lived experiences.

Our curricula provides us with the opportunity for rigorous study and discussion about many difficult issues including transphobia and homophobia, antisemitism, Islamophobia, anti-Indigenous attitudes and anti-Black racism. We explore, and through this learning normalize, the history and impact that power, privilege and oppression has had on many students in our school. We celebrate and affirm, through this learning, the intersectional identities of our students.

“Criticality is the capacity to read, write, and think in ways of understanding power, privilege, social justice, and oppression... When youth have criticality, they are able to see, name, and interrogate the world not only to make sense of injustice but also to work toward social transformation.”

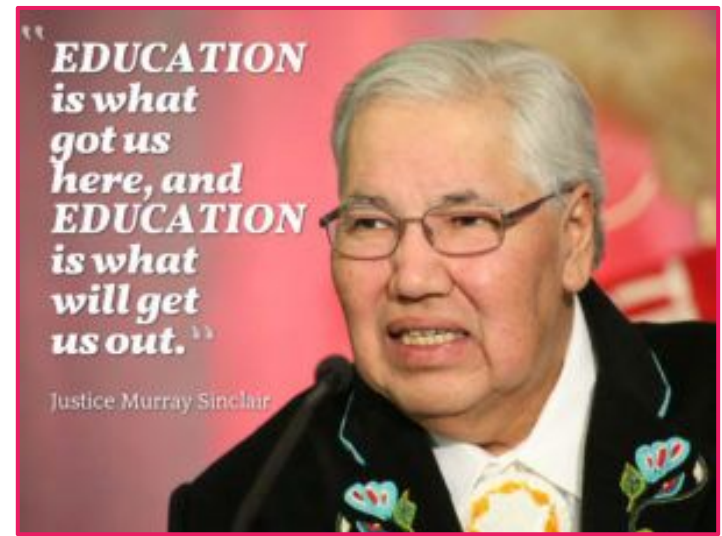
- Gholdy Muhammad, 120

Reconciliation in Action

The Ontario First Nation, Métis, and Inuit Education Policy Framework is part of Ontario's Indigenous Education Strategy raises awareness about First Nation, Métis, and Inuit cultures, histories, perspectives, and contributions among all students in Ontario schools.

What does this look like in our classes?

- Centering Indigenous perspectives and ways of knowing in all our classes
- Grade 12 Philosophy uses *Braiding Sweetgrass* as a central text.
- Indigenous history is a key thread running through Grade 10 history and civics
- Law courses emphasize Indigenous rights in legal contexts
- Social Science courses deconstruct colonial racism and subsequent social challenges through the lenses of race, gender and class.



62. i. Make age-appropriate curriculum on residential schools, Treaties, and Aboriginal peoples' historical and contemporary contributions to Canada a mandatory education requirement for Kindergarten to Grade Twelve students

Anti-Black Racism in Action

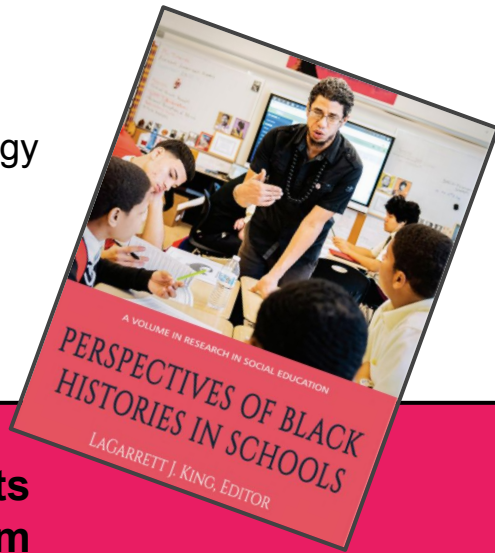
Department Goals:

- Build organizational capacity by ensuring our department engages in professional learning about Black History and systemic Anti-Black racism
- Develop Racial Literacy for ourselves and our students - we begin our courses and explore concepts of implicit bias in our curriculum but also our classroom practices.
- Normalize conversation about anti-Black racism by explicitly teaching this in our classes
 - History, Social Science and Law Classes

“While Black people have been in Canada since the 1600s, they have essentially been erased from the teaching of Canadian history.

Furthermore, the history and contributions of Africa are largely excluded from the teaching of world history, which tends to focus on teaching European history from a Eurocentric lens. The erasure of people of African descent from the curriculum contributes to the perpetuation of anti-Black racism...”

YRDSB Dismantling AntiBlack Racism Strategy



Priority 3: Create Black-affirming learning and working environments
Priority 5: Create a culturally relevant and Black-affirming curriculum

Thank you!

Questions? Feel free to contact me: Sara Faulkner

sara.faulkner@yrdsb.ca

or on Twitter @sarafaulkner

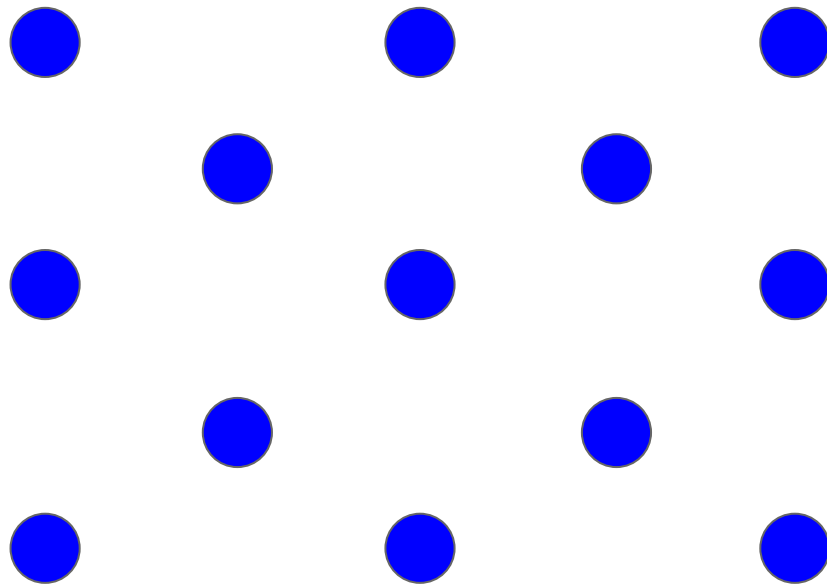
MATH AT UHS!

Parent Council (Nov 2022)

WHICH ONE DOESN'T BELONG?

9	16
25	43

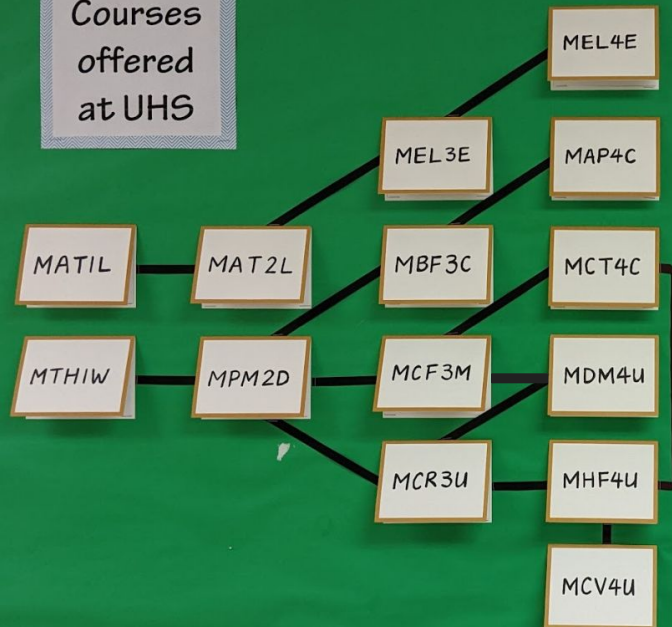
HOW MANY POINTS ARE HERE?



PATHWAYS
AND
MEET
THE
MATH
TEACHERS!

Math Department

Courses offered at UHS

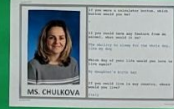


Grade
9

Grade
10

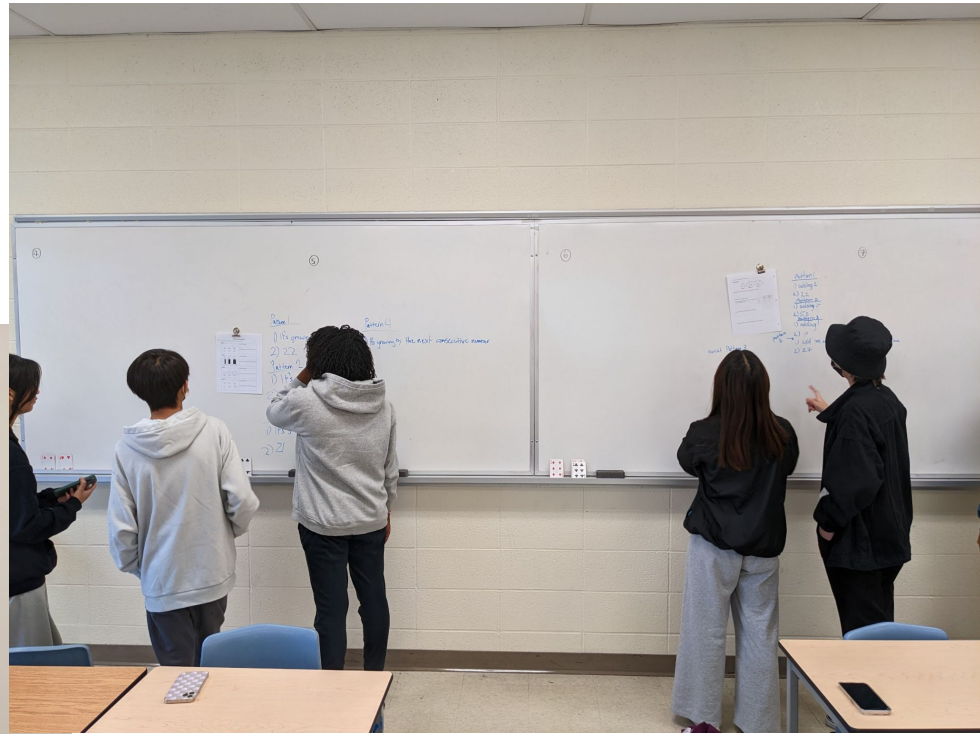
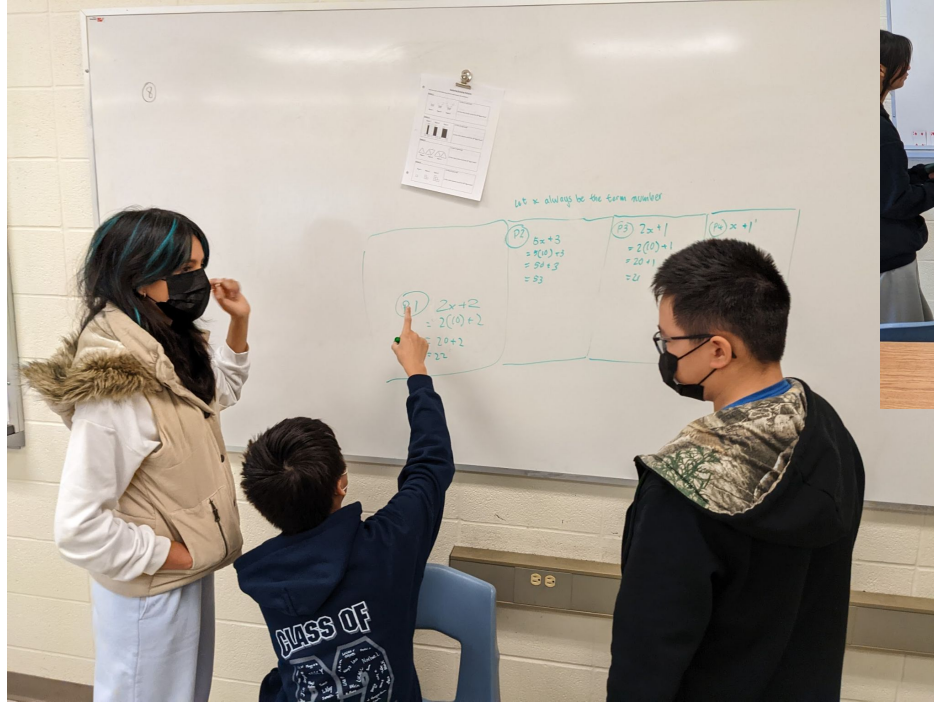
Grade
11

Grade
12



Where is my Math Teacher? 2022-23 Semester 1								
	Mathematics	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 1 8:00 am to 8:45 am	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 2 8:45 am to 9:30 am	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 3 9:30 am to 10:15 am	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 4 10:15 am to 11:00 am	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 5 11:00 am to 11:45 am	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 6 11:45 am to 12:30 pm	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 7 12:30 pm to 1:15 pm	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design
Period 8 1:15 pm to 2:00 pm	Maths	Arts	English	Health and Physical Education	Science	History	Geography	Design

OUR STUDENTS IN CLASS



The image shows a classroom setting where students are engaged in a learning activity. A large interactive whiteboard is the central focus, displaying a table with three columns: 'Simplifying', 'Factoring', and 'Identifying'. The table lists various algebraic expressions and their simplified or factored forms. A student is pointing at the board, and another student is writing on a separate whiteboard to the right. The classroom has a tiled floor and a whiteboard with a 'Freeze' sign.

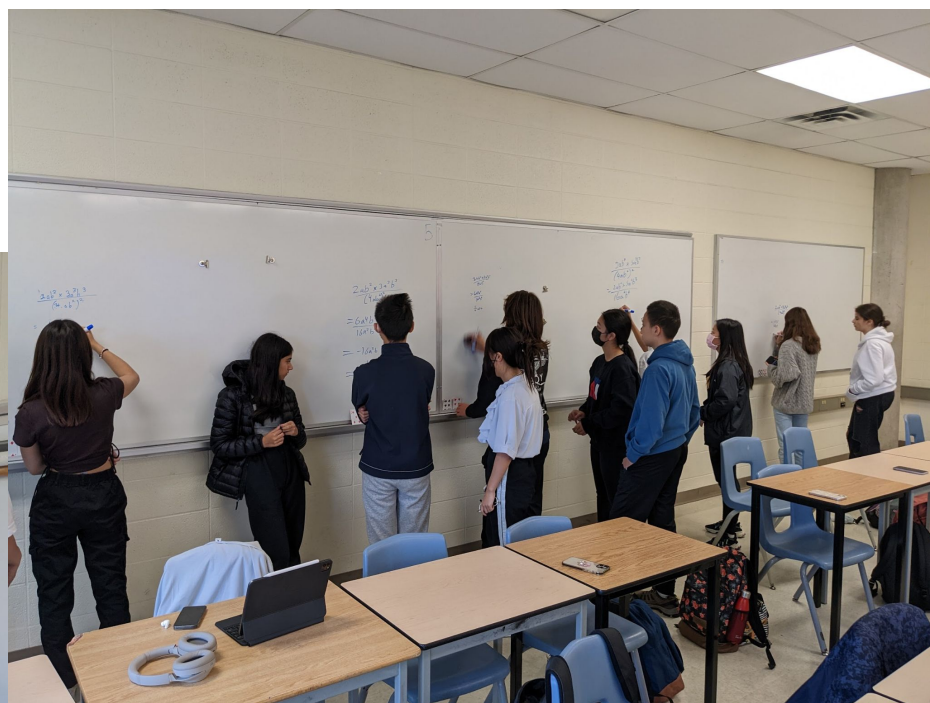
Simplifying	Factoring	Identifying
$\frac{10x^2 + 15x}{5x}$	$x^2 - 20x + 100$	$\frac{10x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{15x^2 + 10x}{5x}$	$x^2 - 20x + 100$	$\frac{15x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{10x^2 + 15x}{5x}$	$x^2 - 20x + 100$	$\frac{10x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{15x^2 + 10x}{5x}$	$x^2 - 20x + 100$	$\frac{15x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{10x^2 + 15x}{5x}$	$x^2 - 20x + 100$	$\frac{10x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{15x^2 + 10x}{5x}$	$x^2 - 20x + 100$	$\frac{15x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{10x^2 + 15x}{5x}$	$x^2 - 20x + 100$	$\frac{10x^2 - 20x + 10}{x^2 - 20x + 100}$
$\frac{15x^2 + 10x}{5x}$	$x^2 - 20x + 100$	$\frac{15x^2 - 20x + 10}{x^2 - 20x + 100}$

Freeze

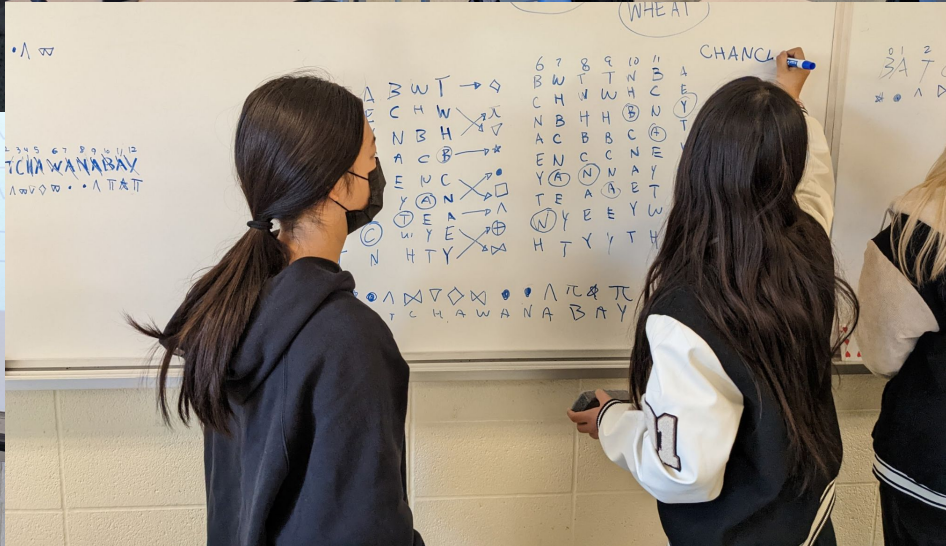
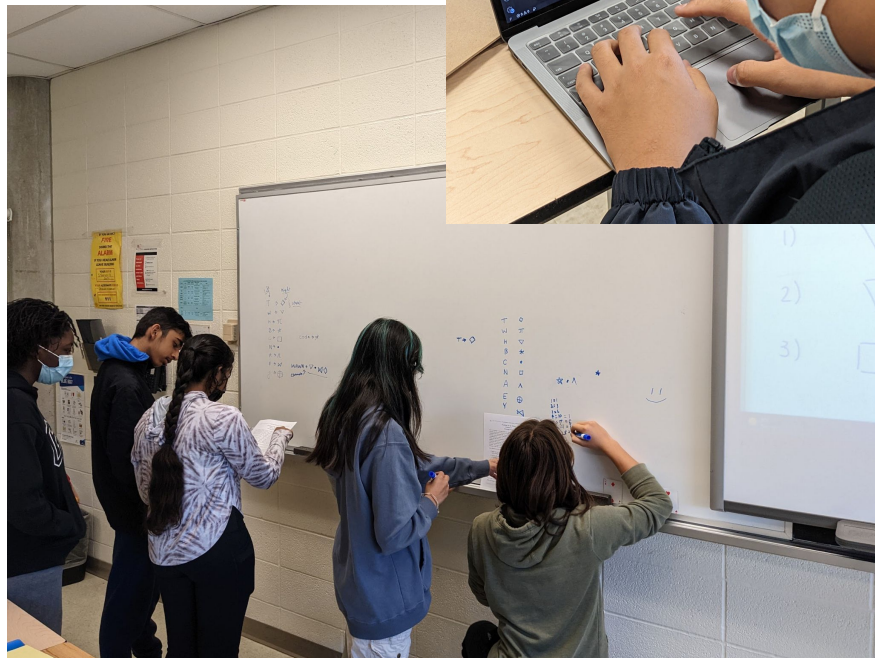
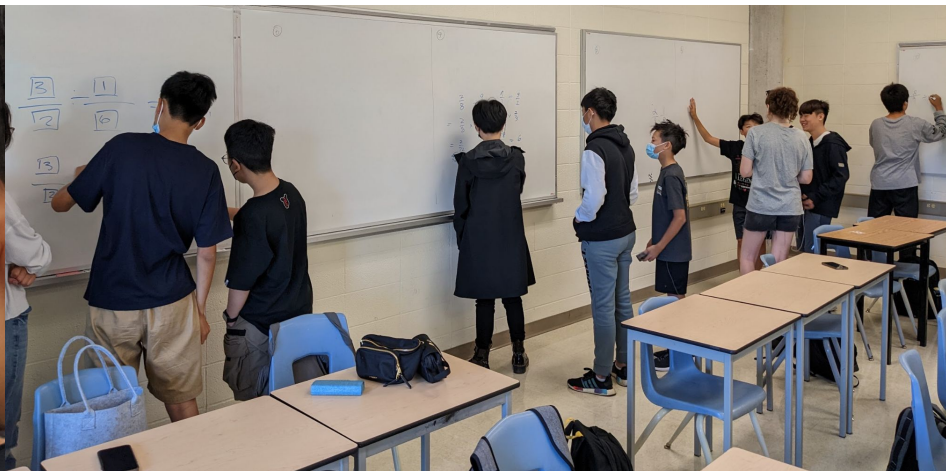
RM348

$\frac{(5x+2)}{x} \cdot \frac{(5x-2)}{(5x-2)} - 1$ $x \geq 9$

$17(5x+2) = 4(5x-2)$



OUR STUDENTS WORKING



MAGIC OF ALGEBRA

1. Think of a number
2. Add 2
3. Multiply that by 2
4. Subtract 2
5. Divide by 2
6. Subtract your original number

I bet you'll
get 1!

STUDENT WORK

THE MAGIC OF by Ingrid. ALGEBRA.

Think of A NUMBER. y

$\frac{y}{2}$ Divide by two.

ADD it by ONE $\frac{y}{2} + 1$

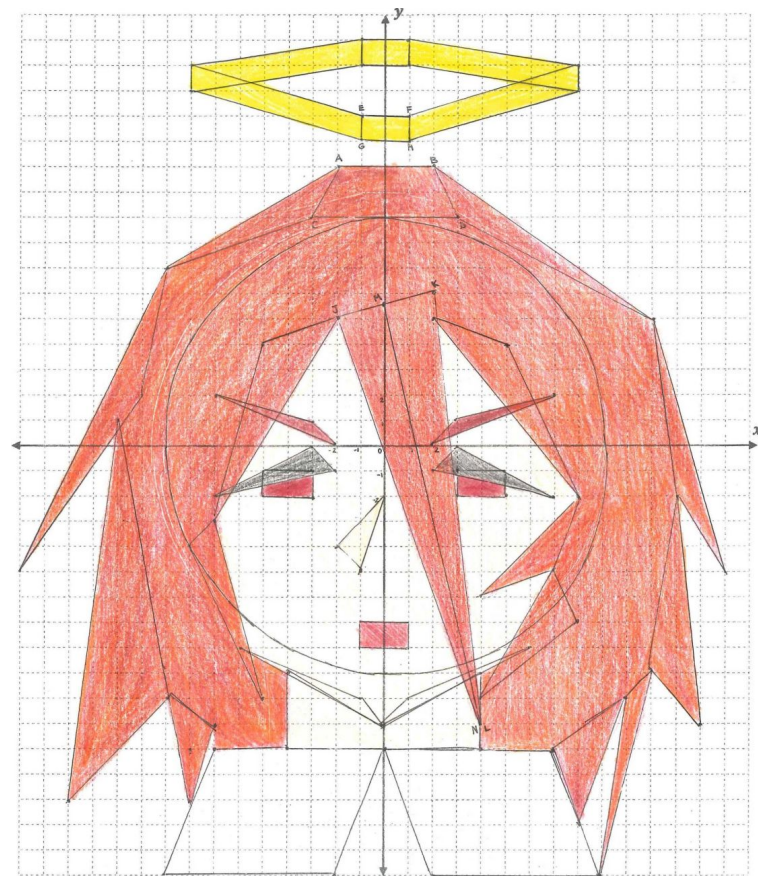
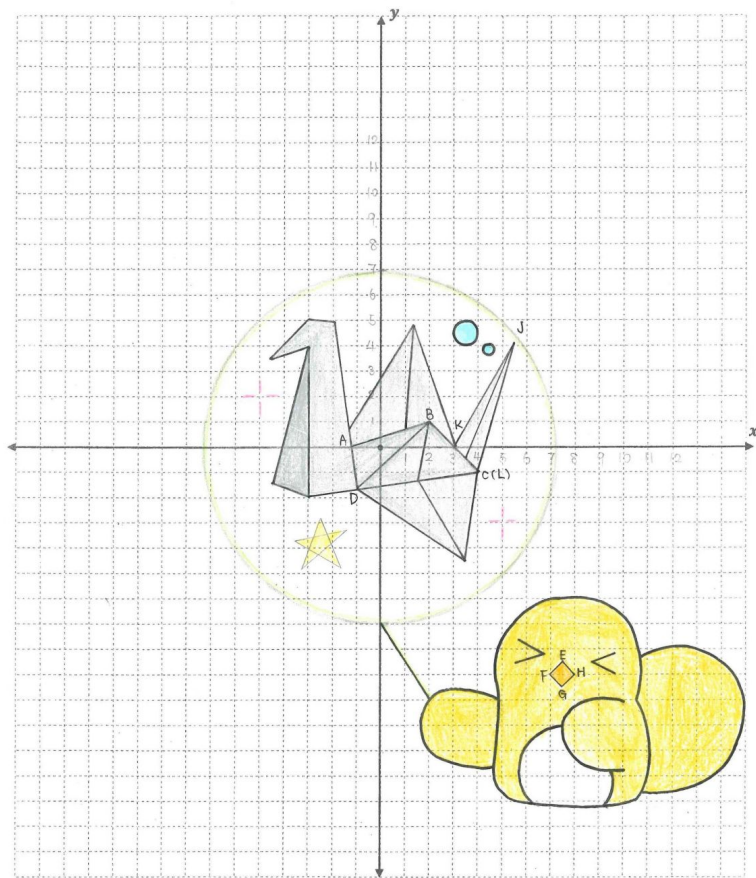
$2(\frac{y}{2} + 1)$ Multiply by two.

Subtract it by two $2(\frac{y}{2} + 1) - 2$

I BETCHA GET your

Original Number. y

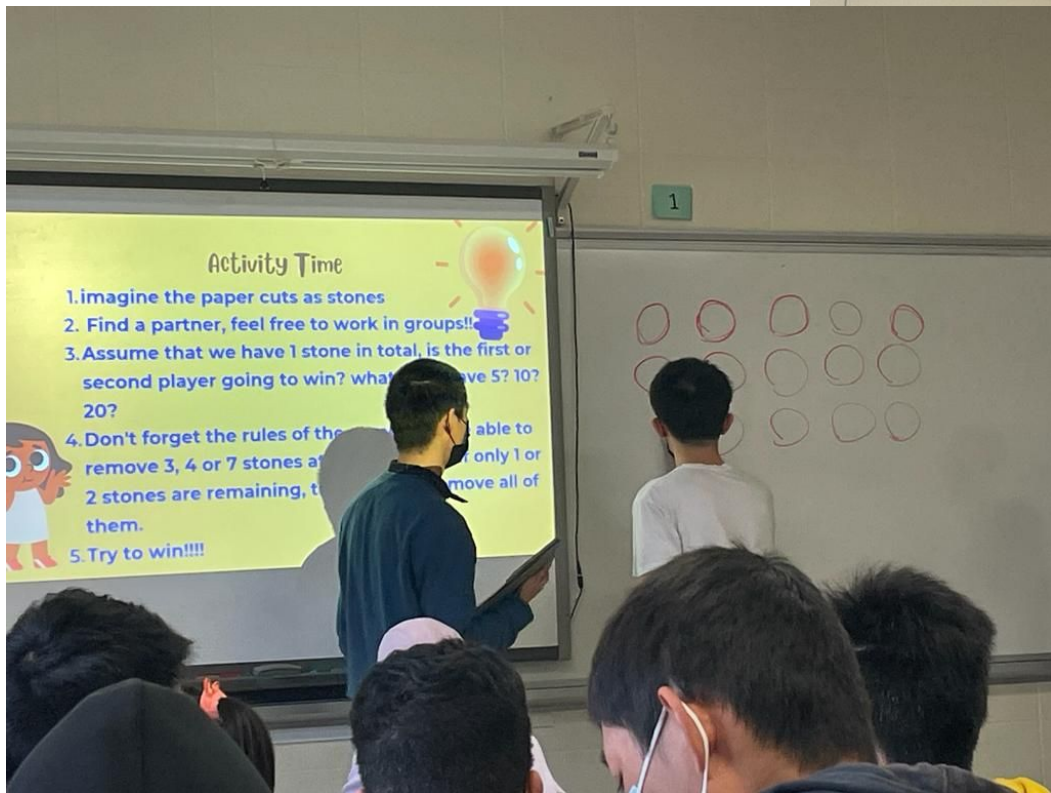
STUDENT WORK





MATH
CLUB
ON
WED

MATH CLUB



OUR
STUDENTS
GETTING
EXTRA
HELP
AFTER
SCHOOL



MATH CONTESTS



MATH CONTESTS



Canadian Open Mathematics Challenge

Canada's most prestigious math competition.



Canadian Mathematical Society



The CENTRE for EDUCATION
in MATHEMATICS AND COMPUTING
cemc.uwaterloo.ca

Canadian Intermediate Mathematics Contest

Wednesday, November 17, 2021
(in North America and South America)

Thursday, November 18, 2021
(outside of North America and South America)



The CENTRE for EDUCATION
in MATHEMATICS AND COMPUTING
cemc.uwaterloo.ca

Pascal Contest (Grade 9)

Wednesday, February 23, 2022
(in North America and South America)

Thursday, February 24, 2022
(outside of North America and South America)



THE CENTRE FOR EDUCATION IN MATHEMATICS AND COMPUTING



2022/2023 CONTESTS

NORTH AMERICA AND SOUTH AMERICA

BEAVER COMPUTING CHALLENGE
November 7 to 18, 2022

CANADIAN SENIOR AND INTERMEDIATE
MATHEMATICS CONTESTS
Wednesday, November 16, 2022

CANADIAN COMPUTING COMPETITION
Wednesday, February 15, 2023

PASCAL, CAYLEY AND FERMAT CONTESTS
Wednesday, February 22, 2023

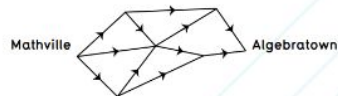
EUCLID CONTEST
Tuesday, April 4, 2023

FRYER, GALOIS AND HYPATIA CONTESTS
Wednesday, April 5, 2023

CANADIAN TEAM MATHEMATICS CONTEST
Wednesday, April 12, 2023 (at UWaterloo)
Thursday, April 13, 2023 or later (in schools)

GAUSS CONTESTS
Wednesday, May 17, 2023

On the map shown, there are a number of routes
from Mathville to Algebratown.



Each route must travel along the roads in the
direction marked by the arrows. The total number
of routes from Mathville to Algebratown is

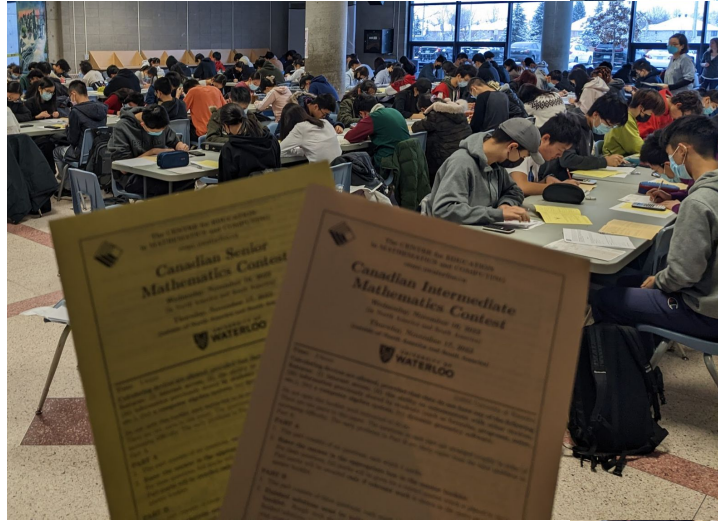
(A) 3 (B) 4 (C) 8 (D) 6 (E) 10



cemc.uwaterloo.ca



MATH CONTESTS



Upcoming School Council Meetings

Monday, January 23, 2023 - School Council Meeting #4

Monday, February 27, 2023 – School Council Meeting #5

Monday, April 24, 2023 – School Council Meeting #6



Thank you