



School Council Meeting #5


Monday, February 26, 2024



Land Of 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 are 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 our closest neighbour and partner in education.

To honour this agreement we will take up our responsibility to be respectful of their traditions, knowledges 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. USAC Updates
3. Subject Presentations
 - Ms. Sharma & Ms. Panacci - Math
 - Mr. Geronikolos & Ms. Bettio - Drama & Dance
4. Fundraising Update - A. Sharif - 5 min
5. ADMIN Updates - 5 min
6. Supporting Our Youth - Teen Stress and Anxiety with Dr. Mary Louise Ireland Presenting – 50 min

Welcome our new



VP Ms. Catherine

Clarke





USAC Updates

Anna Zhou

Rijaaze Sasikumar








Abby Zhao

William Zhang

Ilariya Vadar



Welcome to the Math Department School Council Meeting



THE ESSENCE OF
MATHEMATICS IS NOT TO MAKE
SIMPLE THINGS COMPLICATED
BUT TO MAKE COMPLICATED
THINGS SIMPLE.

- S. GUDDER

A little about me

- ★ 15th year as a teacher
- ★ Enjoy fitness, cooking & Tea
- ★ Looking forward to a fun & productive learning year with our students

Email: shama.sharma@gapps.yrdsb.ca



Ms Sharma

*(Head of Math
Department-Interim)*

A little about me

- ★ I have been teaching math for 13 years
- ★ I LOVE cats and I have three of my own
- ★ I enjoy crafting (knitting, crocheting, quilting)
- ★ I practice yoga regularly and I love its ability to heal the body and mind

Email: daniela.panacci@gapps.yrdsb.ca



Ms. Panacci

*Assistant Head of
Mathematics*

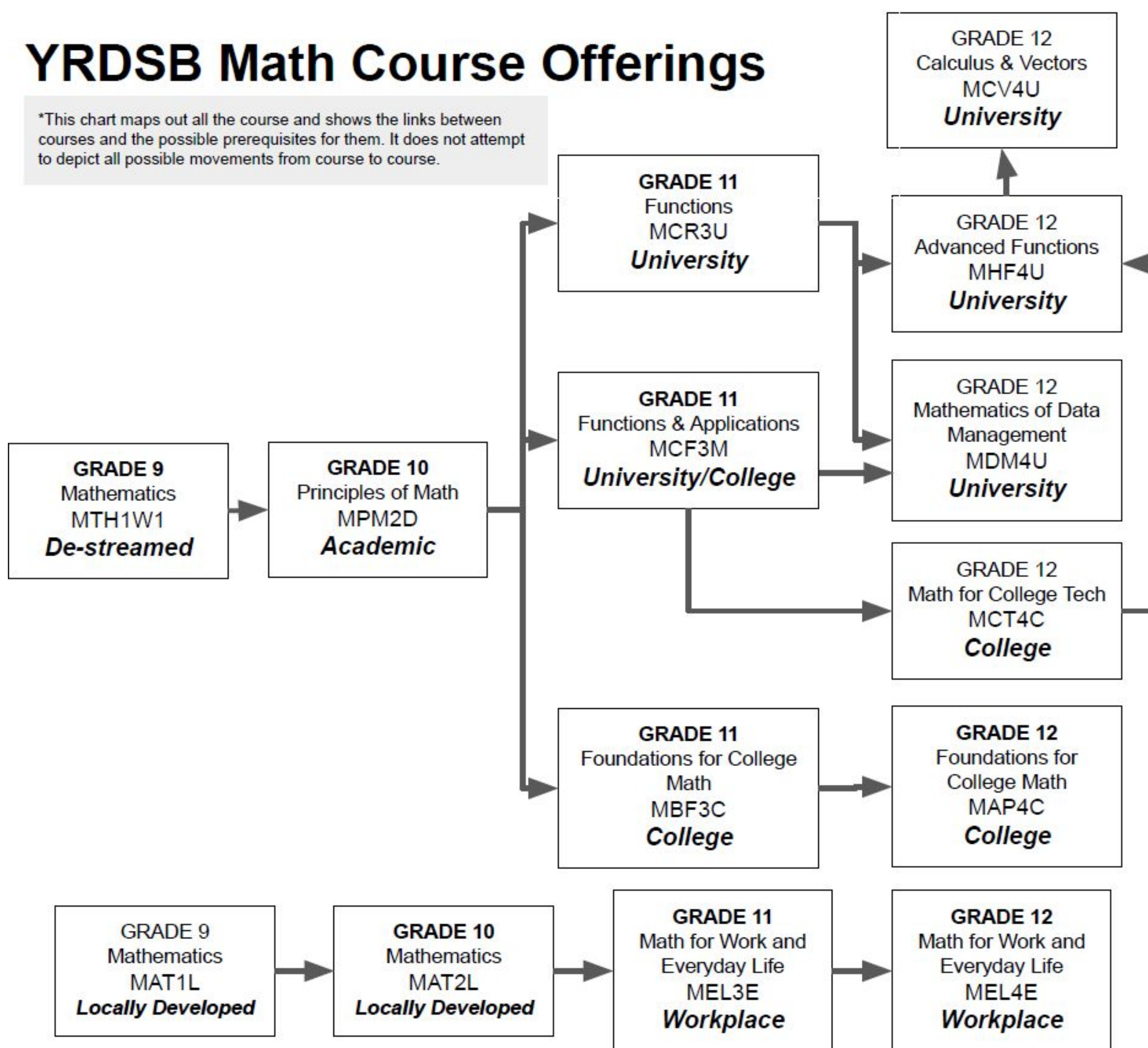


In the Math Department at UHS, we aim to:

- **provide an enjoyable learning environment for all students to experience the importance of learning mathematics.**
- **challenge students to think critically, solve problems, work collaboratively, and develop the skills needed for life in the 21st Century!**

YRDSB Math Course Offerings

*This chart maps out all the course and shows the links between courses and the possible prerequisites for them. It does not attempt to depict all possible movements from course to course.



Resources for Families



WHAT FAMILIES WANT TO KNOW ABOUT DE-STREAMING

DE-STREAMING

What is streaming?	<ul style="list-style-type: none"> Streaming means separating students into different course types. In Ontario, students are currently streamed for Math, English, Science, Geography, History and French. The course types for these Grade 9 and 10 courses are Academic, Applied and Locally Developed.
What is de-streaming?	<ul style="list-style-type: none"> De-streaming means that students will no longer be separated into Academic and Applied Streams. Schools will still be able to offer Locally Developed Classes. Mathematics is being de-streamed in the 2021-2022 school year. A de-streamed mathematics class will prepare students for university, college, apprenticeship and workplace pathways.
Why are courses being de-streamed?	<ul style="list-style-type: none"> Research shows that de-streaming results in better outcomes for students and particularly for those who are from marginalized communities.
What will be the class size for the new Grade 9 math course?	<ul style="list-style-type: none"> Decisions about class size have not been made.
Where can I find out information about the content in the new Grade 9 math course?	<ul style="list-style-type: none"> The Ministry of Education's Curriculum website will have further information about the new math course: https://www.dcp.edu.gov.on.ca/en/curriculum#secondary
What supports will be provided to students who have Special Education needs in the new de-streamed math course?	<ul style="list-style-type: none"> Teachers will implement the Individual Education Plan for students who have Special Education needs. Mathematics teachers will continue to work collaboratively with Special Education Resource Teachers to support students in Secondary School.

عائلات التي تريد عن إلغاء التفرع

نقطة للمقررات الدراسية.

يو للمقررات الدراسية في الحساب واللغة الإنجليزية والعلوم والجغرافيا
الاسية للصفين التاسع والعاشر هي الأكاديمية والتطبيقية والمطورة محليًا.

مع أكاديمي وفرع تطبيقي بعد الآن.

فصول الدراسية المطورة محليًا.

في 2021-2022.

حساب على إعداد الطلاب لمسارات الجامعة والكلية والتدريب المهني والتدريب

لاب بنتائج أفضل، وعلى الأخص طلاب المجتمعات المهمشة.

دراسي.

رسي الجديد للحساب على الصفحة الإلكترونية لوزارة التربية والتعليم.

<https://www.dcp.edu.gov.on.ca/en/curriculum#secondary>

ذوي الاحتياجات التعليمية الخاصة.

موارد التعليم الخاص دعمًا لطلاب المرحلة الثانوية.

家長想要了解有關 取消學科分組的事宜

取消學科分組

課程類型將學生分為不同組別。

前將學生分組的學科包括：數學、英文、科學、地理、歷史和法文。
級和 10 年級課程分為「Academic (學術)」、「Applied (應用)」和
ed (本地開發)」。

味著學生將不再分為「Academic」和「Applied」組別。

「Locally Developed」課程。

年，數學科將取消分組。

學課程將為學生準備入讀大學、上大專、當學徒和投身工作的出路選擇。

學科分組可為學生 (尤其是邊緣化群體的學生) 帶來較佳的學習效果。

仍有待決定。

tion 的課程網站將提供有關新數學課程的詳情：

[cp.edu.gov.on.ca/en/curriculum#secondary](https://www.dcp.edu.gov.on.ca/en/curriculum#secondary)

教育需要的學生執行 Individual Education Plan (個人教育計劃)。

與特殊教育資源老師合作，以支援有相關需要的中學生。

第一門取消分組的學科。

、地理和科學科將於未來數年取消分組。

tion 目前僅專注於在未來三年取消 9 年級課程的學科分組。

So...which topics are covered in
Grade 9 Destreamed Math?




Grade 9–Destreamed Math Topics

N Number Systems and Properties 

N Powers 

N Integers 

N Rational Numbers 

N Ratios, Rates, and Percent 

A Algebraic Thinking 

A Linear Relations 

A Solving Equations * 

A Characteristics of Relations * 

D Relating Two Variables * 

D Data * 

GM Measurement 

GM Geometric Properties 

GM Development of Geometry 

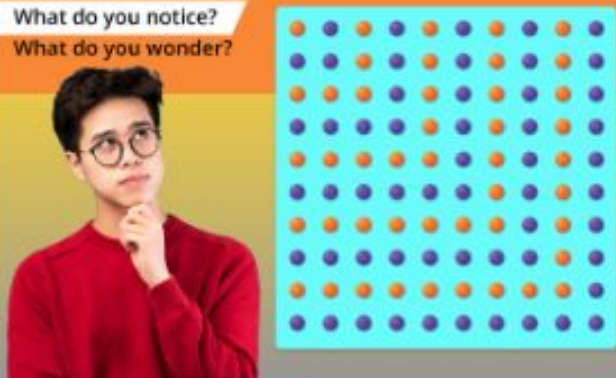
FL Financial Literacy 

Questions/Activities Students Can Expect In Grade 9

Math Talks support the development of students' conceptual understanding and flexibility with important skills and concepts addressed in Grade 9. Although some Math Talks are designed to review material learned in earlier grades, others address Grade 9 content, but in simple situations. Students are encouraged to use their own strategies to figure out their answers and then share those strategies with one another.

Learn more about Math Talks here: [Professional Learning > Professional Learning Topics > Activities and Practice > Math Talks.](#)

What do you notice?
What do you wonder?



1

Coloured Pegs

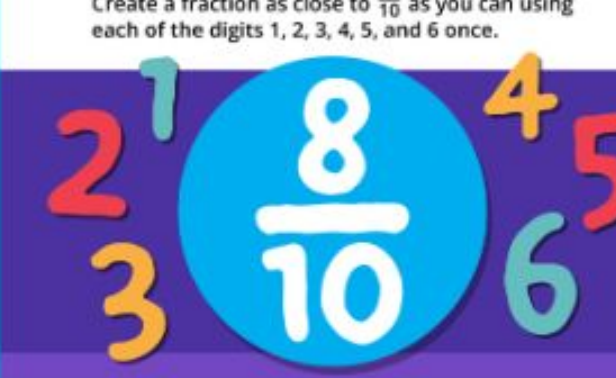
What is the same and what is different about these equations?

$$y = 3x$$
$$y = 2x + 5$$

2

Same but Different: Equations

Create a fraction as close to $\frac{8}{10}$ as you can using each of the digits 1, 2, 3, 4, 5, and 6 once.



3

Close to $\frac{8}{10}$

Each rectangle inside the big rectangle has the area shown.

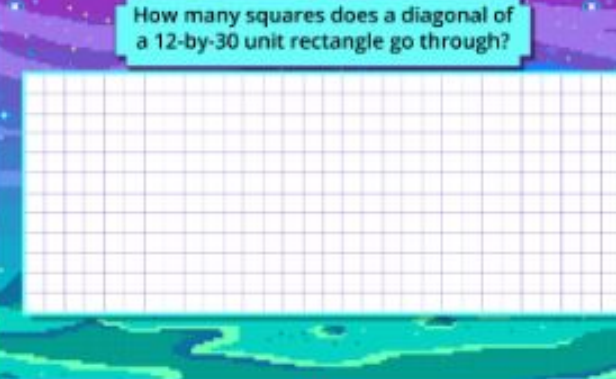
8	12
6	x

What is the value of x?

4

Missing Area

How many squares does a diagonal of a 12-by-30 unit rectangle go through?



5

A Diagonal

You start with a fraction.
If you add 2 to the numerator, the fraction changes to a value of $\frac{1}{2}$.
If, instead, you add 3 to the denominator, the fraction changes to a value of $\frac{1}{3}$.

What fraction did you start with?

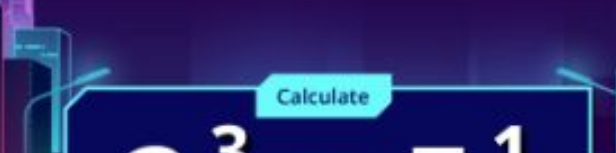
6

Add 2, Add 3

The diagonal lengths of a rhombus are 12 cm and 16 cm.



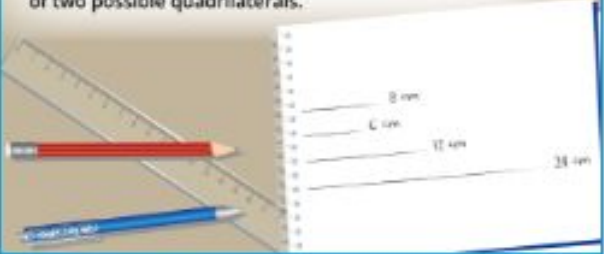


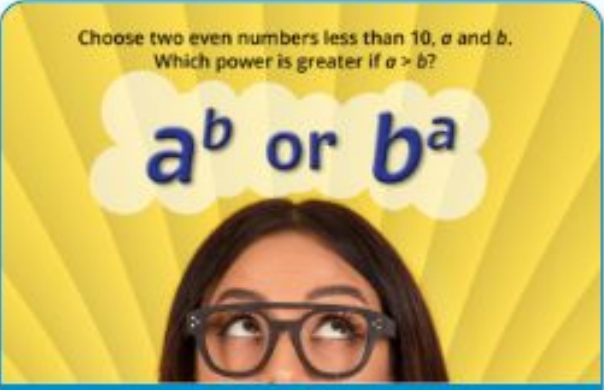


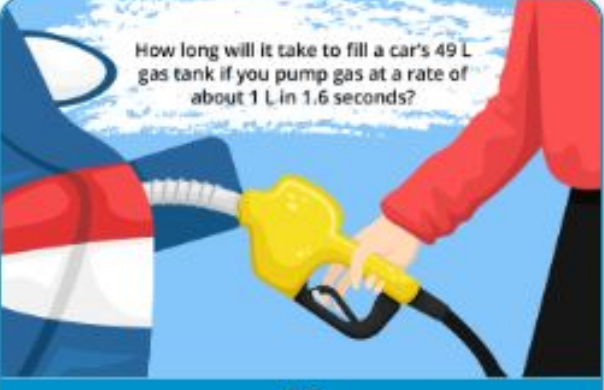
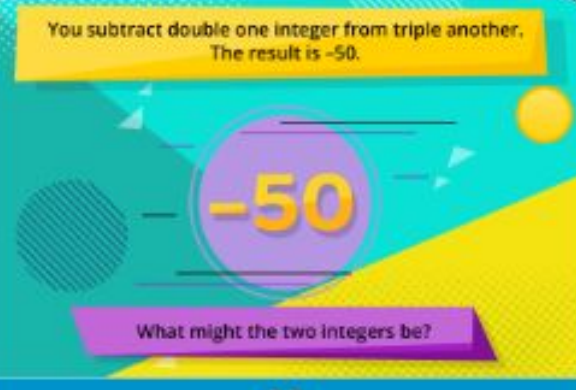
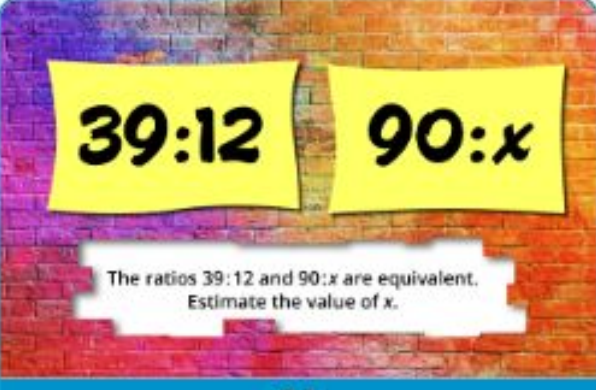
Calculate

$$23 \times 51$$


140%



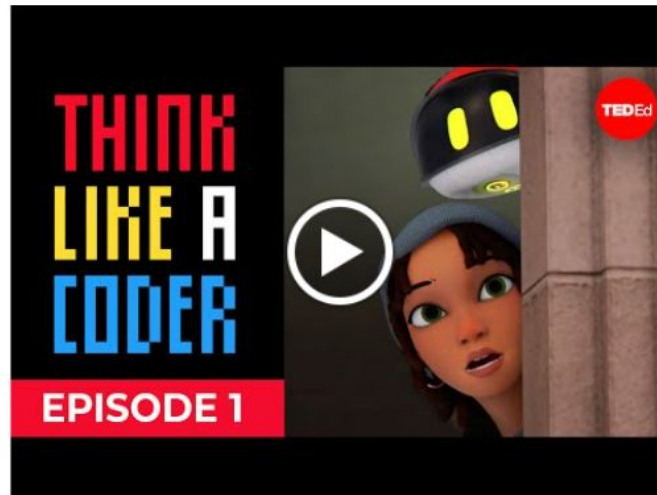
Questions/Activities Students Can Expect In Grade 9

<p>Two sides of a quadrilateral are 8 cm and 6 cm. Two sides of a similar quadrilateral are 12 cm and 24 cm.</p> <p>Sketch and label the dimensions of two possible quadrilaterals.</p>  <p>16 Missing Sides</p>	<p>Which coupon would you rather get for a purchase at a store?</p>  <p>17 Would You Rather?</p>	<p>Which value do you think doesn't belong?</p>  <p>18 Numbers That Don't Belong</p>
<p>Choose two even numbers less than 10, a and b. Which power is greater if $a > b$?</p> <p>a^b or b^a</p>  <p>19 Comparing Powers</p>	<p>A right triangle has one side 3 cm longer than another and one side 24 cm longer than another. What could the side lengths be?</p>  <p>20 Side Length Differences</p>	<p>The ratio of two numbers is equivalent to 24:10. The numbers are 49 apart. What might the numbers be?</p>  <p>21 49 Apart</p>
<p>How long will it take to fill a car's 49 L gas tank if you pump gas at a rate of about 1 L in 1.6 seconds?</p>  <p>22 Filling a Gas Tank</p>	<p>You subtract double one integer from triple another. The result is -50.</p> <p>-50</p> <p>What might the two integers be?</p>  <p>23 Double/Triple</p>	<p>$39:12$ $90:x$</p> <p>The ratios $39:12$ and $90:x$ are equivalent. Estimate the value of x.</p>  <p>24 Equivalent Ratios</p>

How Coding Looks Like in Grade 9

Think like
A
Coder

Decomposing
situations into
computational steps

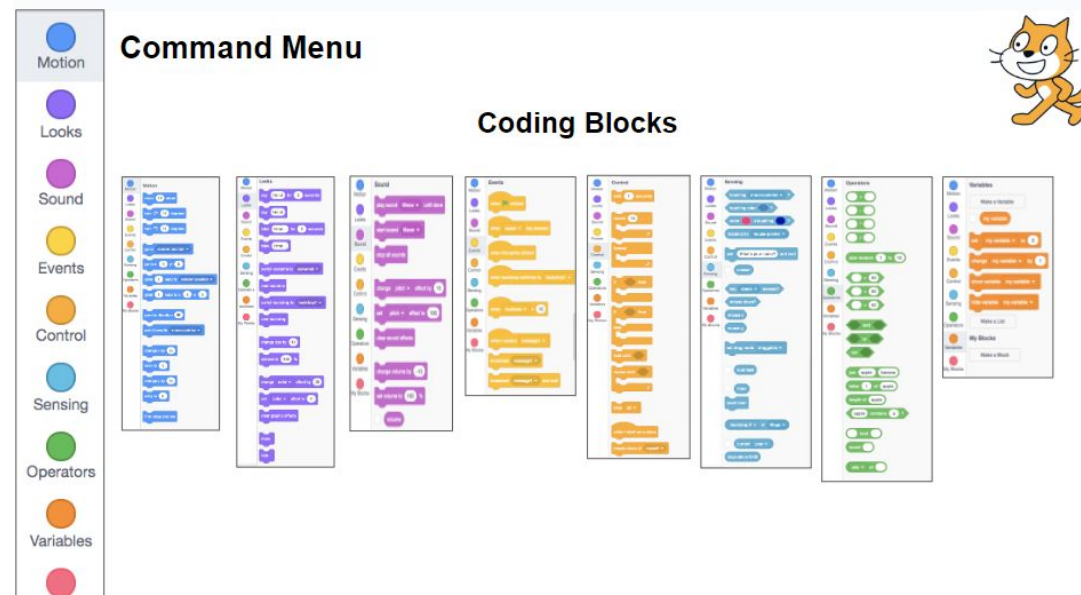
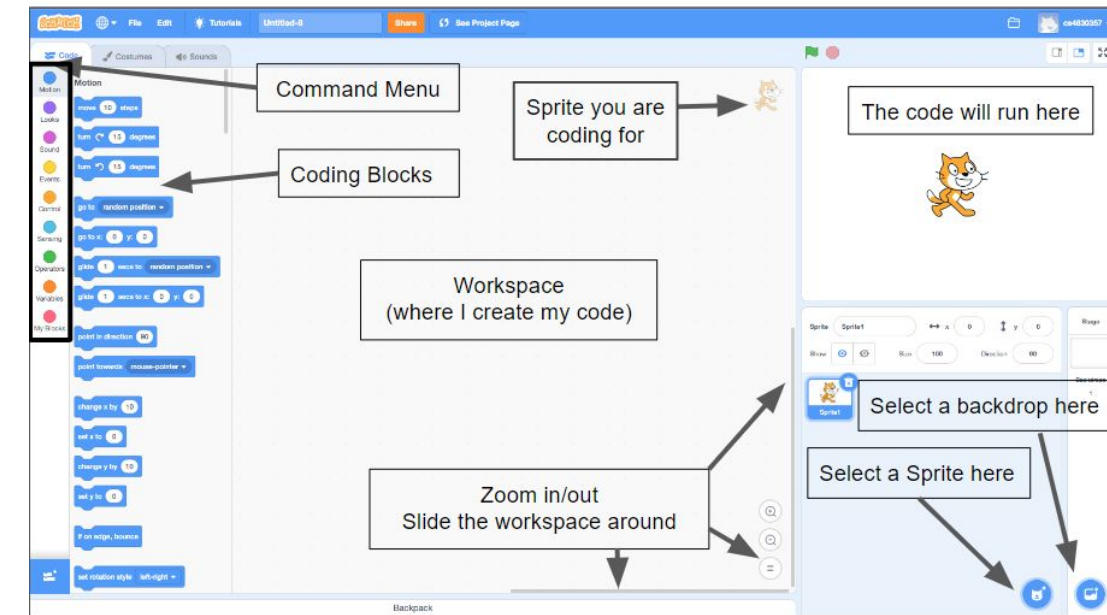


Login to CS First

Go to this website: [CS First](#)

Login as a student using your **gapps account**
(Click on the dashboard)

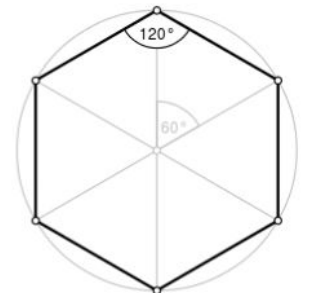
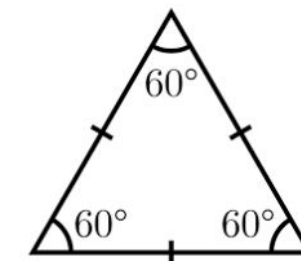
Now you are ready to try the challenges



Coding Task # 1

- 1) Watch this [introduction video](#) and follow along. Start at 1 minute in
- 1) Split your screen so that you can view the video on one window and have CS First - Scratch open on another
- 1) Pause/review as needed.
- 1) Once you have followed along to make a square, write code that draws an **equilateral triangle**. Furthermore, write code that draws a **pentagon** and a **hexagon**.

- 1) equilateral triangle
- 2) pentagon (pent = 5)
- 3) hexagon (hex = 6)



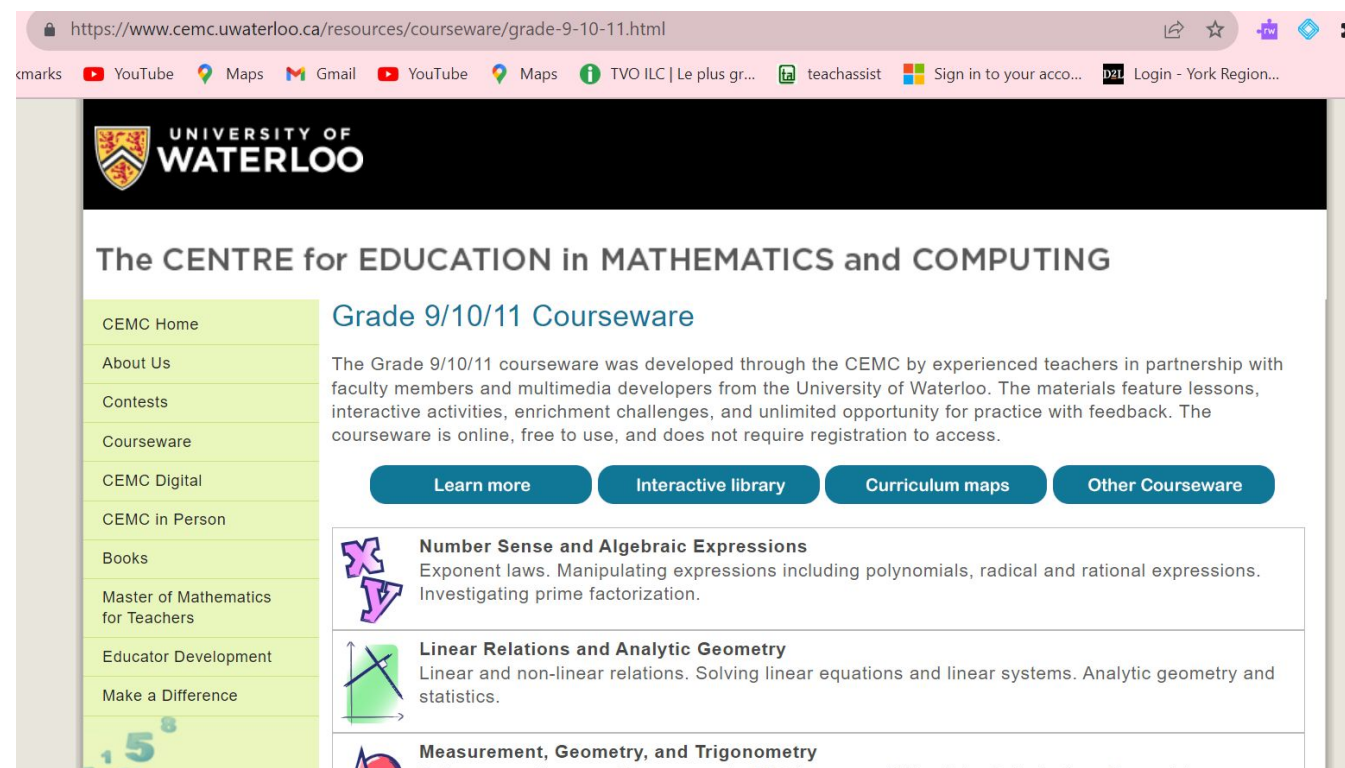
Rubric for Task # 1 _____ C2: 6 Marks

1. All four shapes are present on the stage by the end of code _____ 1 Mark
2. The angles for the polygons are correctly inputted _____ 1 Mark
3. Able to show **three different colours** for the three shape _____ 1 Mark
4. There is no redundant codes presented in the coding section _____ 1 Mark
5. Able to present the three shape in sequence when the green flag is clicked _____ 1 Mark
6. No overlapping/touching the border for the four shapes drawn _____ 1 Mark

<https://classroom.google.com/c/NTIzOTc1NjcxMTYy/a/NjM5ODMyNTIxOTEy/details>

UHS MATH - Extra Help Resources

- Peer Tutoring – Students can request a peer tutor by filling in the form on our Google Classroom.
- After-school math help every Tuesday and Thursday until 4:00 in room 242. All students in all math courses are welcome!
- www.tvomathify.com – one-to-one virtual math tutoring/support by Ontario certified teachers, available to students in grades 4 to 12 in Ontario (evenings and weekends)



*Need some extra help in class?
Do you learn better with a buddy?*

REQUEST A PEER TUTOR!!

If you feel you could benefit from having a peer tutor, please use your GAPPS email to submit your request here:

<https://bit.ly/RequestTutorUHS>

You will receive a **PDF** in your GAPPS email containing a form that needs to be signed by a parent/guardian. Please place the signed forms in the guidance department dropbox located outside the guidance office.

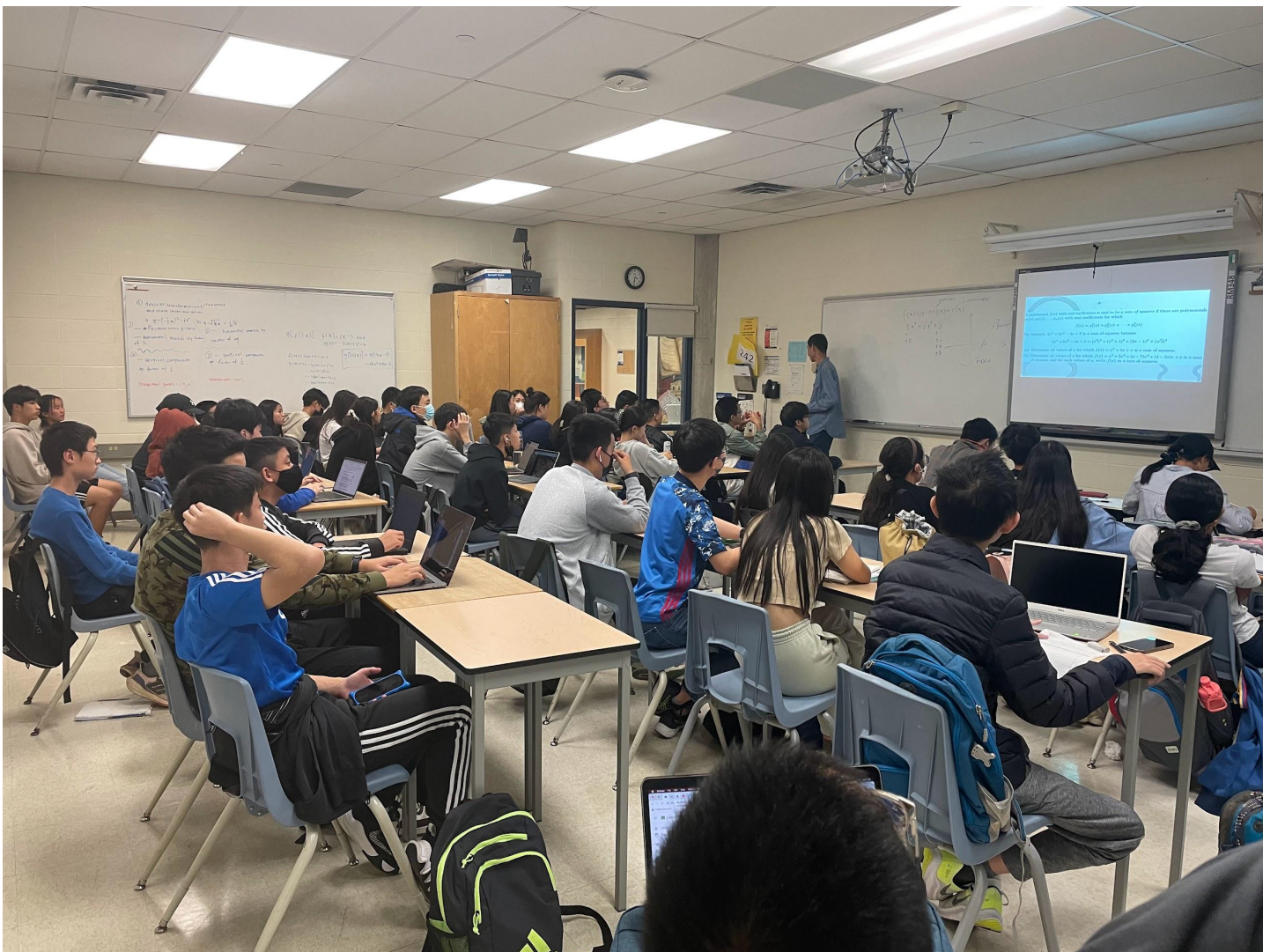
Criteria for REQUESTING a Tutor:

1. You must be **currently** taking the course you are requesting a tutor for;
2. Tutor-pairing are based on **available tutors** and are not guaranteed;
3. Tutors can assist with review and homework, but are **not** expected to create lesson plans or materials;

*****Signed forms are required!*****

UHS Math Club

Math Contests



We have a very dynamic group of students in our Math Club who exhibit their leadership skills by running fun filled activities throughout the year!

Our students participate in a number of Math Contests including CSMC, CIMC, COMC, EUCLID, and many more every year and earn certificates.

Mathematics Tournament organized by the Math Club at UHS



Grade 8 Transition Night



Level Up Career Fair for Math Students!





We have a dedicated Google Classroom for students who wish to participate in Math Contests

Stream

Classwork

People

Grades



Math Contests 2023-24



Meet



Generate link

Class code



2mmm25



Announce something to your class



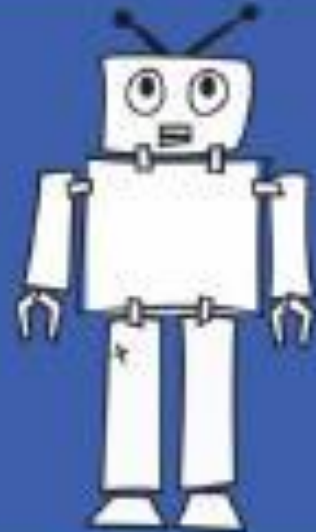
Daniela Panacci

Yesterday



The CIMC and CSMC math contests are happening this Wednesday, November 15th, during periods 1 and 2, in the cafeteria. Please arrive no later than 8:10, as we have over 250 students writing and it will take awhile to sign everyone in.

UHS



$f(x)$

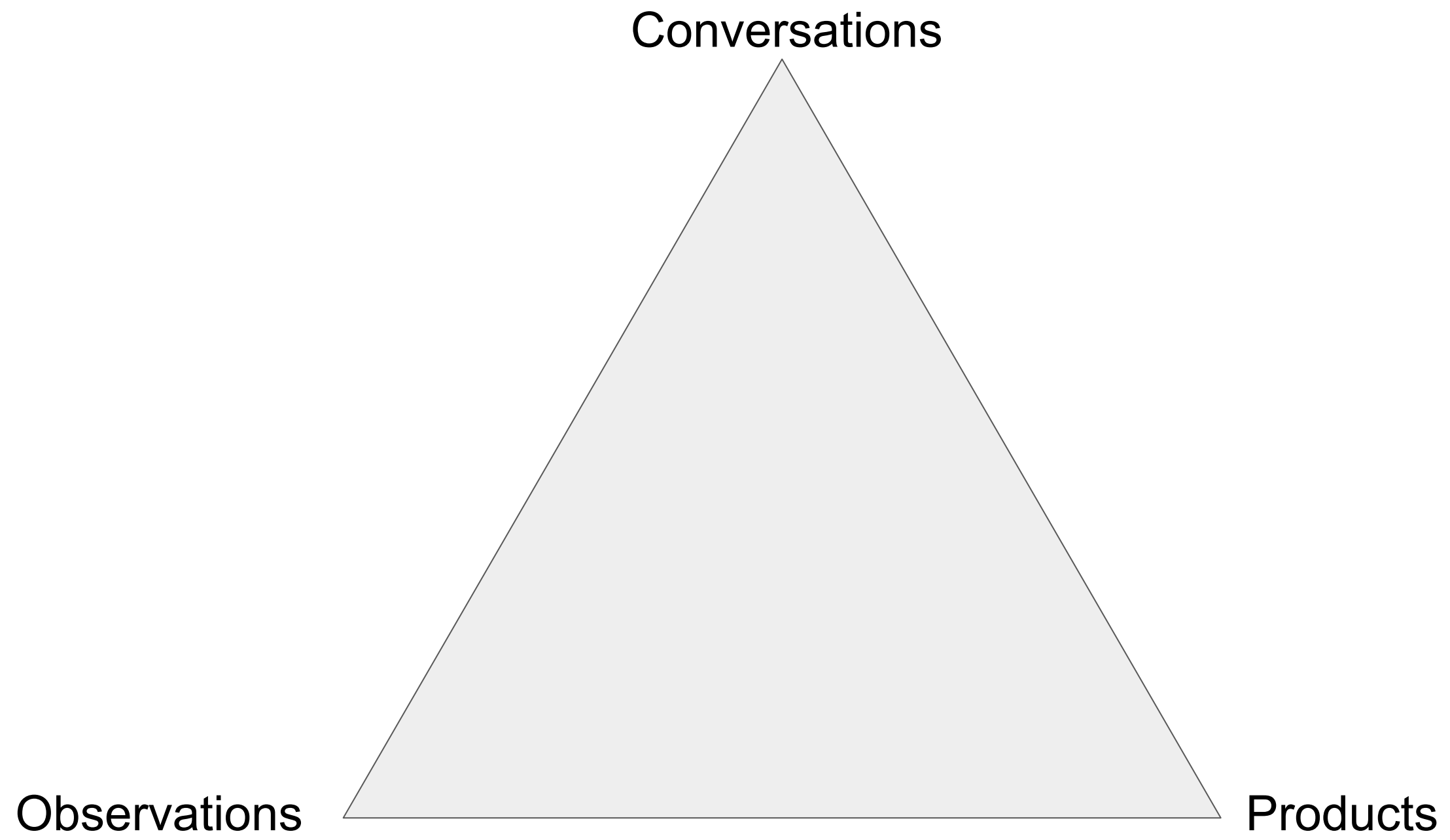
S

T

E

M

Assessments



Digital Tools

Evidence of Learning	Sample Tracking Tools
<ul style="list-style-type: none">● Collaborative anchor charts● Journals/notebooks● Brainstorming● Discussion and conferencing● Entry/Exit cards and other checkpoints● Graphic organizers and other process work● Reflection	<ul style="list-style-type: none">● <u>Google Forms</u>● <u>Google Sheets</u>● Anecdotal notes/documents● <u>Online voice recorder</u>● <u>TeachAssist V4</u>● <u>Interactive tracking documents</u>● <u>Student Reflection</u>● <u>Observations & Conversations</u>

APPLYING MATHEMATICAL PROCESSES

I can apply mathematical processes to understand concepts and use them to solve problems and communicate my thinking.

	I need help	I can do mostly on my own.	I feel confident.	
Problem Solving	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	HOT
Reasoning and Proving	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MILD
Reflecting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Connecting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Communicating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Representing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Selecting Tools and Strategies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Number B2: represent numbers in various ways, evaluate powers, and simplify expressions by using the relationships between powers and their exponents		
Expectation	I can...	Evidence of Learning
Powers		
By the end of Grade 9.....		
2.1	I can analyse , through the use of patterning, the relationship between the sign and size of an exponent and the value of a power.	I used to think.. But now I think
2.1	I can express numbers in scientific notation.	Picture This
2.1	I can evaluate powers.	Journal
2.2	I can analyse , through the use of patterning, the relationships between the exponents of powers (i.e. positive, zero and negative exponents)	Proof Card
2.2	I can develop through patterning the operations (i.e. exponent rules) with powers.	Picture This
2.2	I can use power relationships to simplify numeric and algebraic expressions with positive, negative and zero exponents.	I used to think but now I think... Proof Card

THANK YOU





Dramatic Arts @ UHS...



The Power of Dramatic Arts in High School Education

Creativity, Confidence, and
Communication Skills



About Me

Drama Courses

AU DRAMA

CORE DRAMA

Project Aristotle

The google hiring algorithm that was altered to look for majors in:

Dramatic Arts

Humanities

English

[New York Times Magazine](#)

[Washington Post](#)

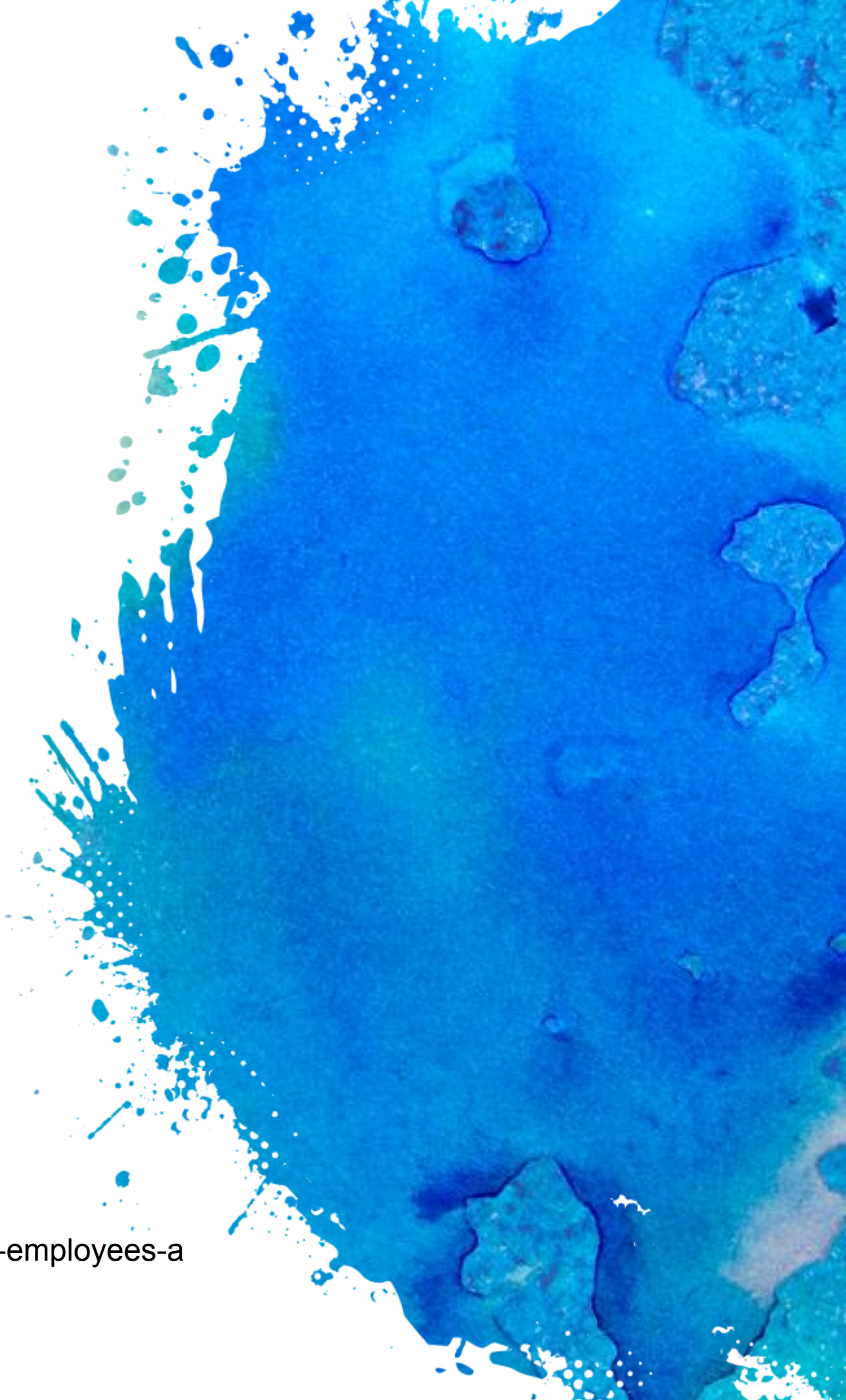
[National Centre for Biotechnology Information](#)

[Johns Hopkins & Harvard Research](#)



“...two recent studies of workplace success contradict the conventional wisdom about “hard skills.” Surprisingly, this research comes from the company most identified with the STEM-only approach: Google.”

“In 2013, Google decided to test its hiring hypothesis by crunching every bit and byte of hiring, firing, and promotion data accumulated since the company’s incorporation in 1998. Project Oxygen shocked everyone by concluding that, among the eight most important qualities of Google’s top employees, STEM expertise comes in dead last. The seven top characteristics of success at Google are all soft skills: being a good coach; communicating and listening well; possessing insights into others (including others different values and points of view); having empathy toward and being supportive of one’s colleagues; being a good critical thinker and problem solver; and being able to make connections across complex ideas.”



Shifting the Mindset:
From Drama as ... “Special Interest”
To
Drama as “Cognitive Catalyst”



List soft skills

Most Employable Skills

Critical Thinking
Creativity
Collaboration
Communication
Information Literacy
Media Literacy
Technology Literacy
Leadership
Social Skills
Global Awareness


Consensus Forming with high stakes subject matter
Delayed Gratification
Iterative Process in Design Theory
Adaptability
Empathy
Emotional Intelligence
Self-Discovery
Self-Development
Creativity
Exploring social, political, historical contexts from multiple intersecting ideologies and lived experiences



Arts Sector Data1

Arts Sector Data2

Arts Sector Data3



**Soft Skills and
Hard Skills
Difference b/w
Drama and music**



Socialization- Interactions

Existentialism

Consensus forming

Social Litmus Testing

Balanced perspectives

World Views

Relationships

Impacts of COVID
and ISOLATION on
adolescents.

The background is an abstract watercolor-style composition. It features a large, irregular shape in shades of purple and magenta, with a darker, almost black, textured center. This central shape is surrounded by a lighter, reddish-pink wash. The entire composition is set against a white background and is embellished with numerous small, scattered splatters and dots in purple, red, and pink, giving it a dynamic, artistic feel.

CORE VIDEO

Every student should take courses in
Dramatic Arts.

thank you



Bubble Tea

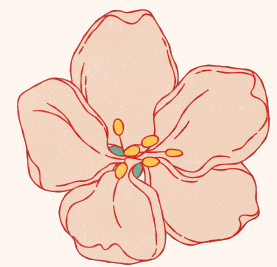
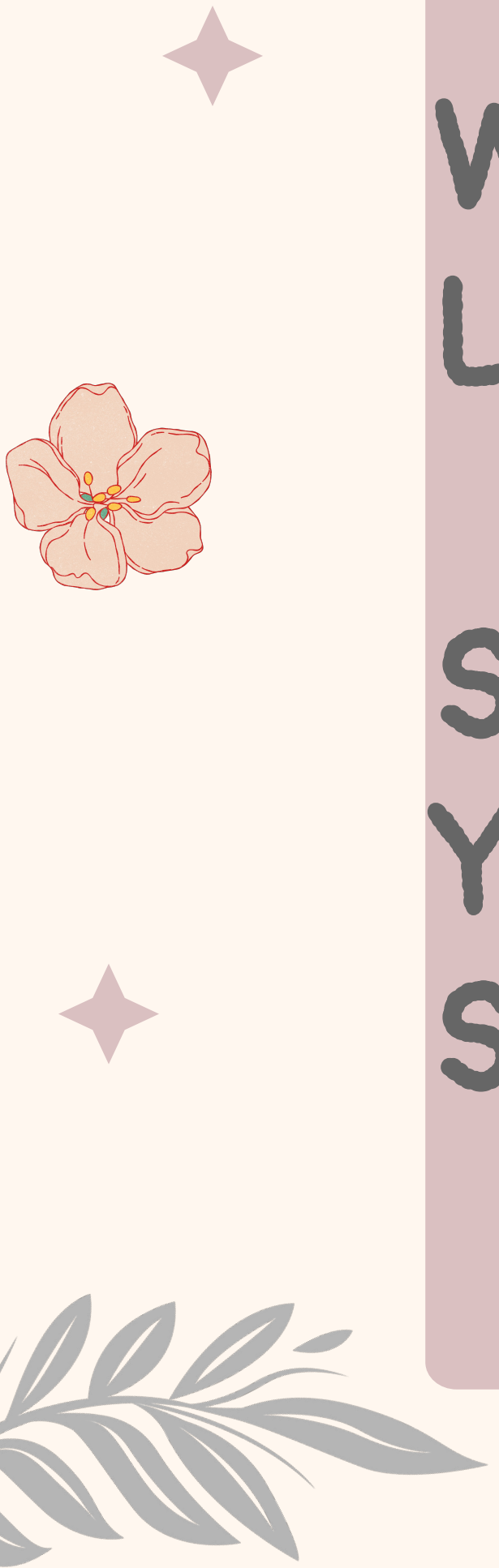
choiceName	ChaTime - Drink	Time	
Thursday February 22, 2024 - Mango Green Tea Coconut Jelly - 50% sugar, no ice,	10	A	11:10 am (P3) until 11:40 am
Thursday February 22, 2024 - Pearl Milk Tea - 50% sugar, no ice, regular size	25	A	
Thursday February 22, 2024 - QQ Lychee - 30% sugar, no ice, regular size	11	A	
Thursday February 22, 2024 - QQ Mango - 30% sugar, no ice, regular size	46	A	92
Thursday February 22, 2024 - Mango Green Tea Coconut Jelly - 50% sugar, no ice,	14	B	12:35 pm (P4) until 1:05 pm
Thursday February 22, 2024 - Pearl Milk Tea - 50% sugar, no ice, regular size	17	B	
Thursday February 22, 2024 - QQ Lychee - 30% sugar, no ice, regular size	8	B	
Thursday February 22, 2024 - QQ Mango - 30% sugar, no ice, regular size	36	B	75

ADMIN Updates



**Welcome Dr. Mary
Louise Ireland**

**Supporting Our
Youth - Teen
Stress and Anxiety**





Upcoming School Council Meeting



Monday, April 15, 2024

See you all there!

