

Northern Highlights



Community Update

Week of January 9th, 2023

School Address

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DATE	ACTIVITIES	UPCOMING
Monday January 9 Day 5	Welcome back! Band practise-Grade 7	<i>Dec. 25 - Christmas (Diamond Day)</i> <i>Dec. 26 - Jan. 6 - Winter Break</i> <i>Jan. 7 - Eastern Christmas (Diamond Day)</i> <i>Jan. 9 - School Resumes</i> <i>Jan. 20 - PA Day</i>
Tuesday January 10 Day 1	Jr. Girls Volleyball practise Band practise - Grade 8	
Wednesday January 11 Day 2	Intermediate Band practise after school	
Thursday January 12 Day 3	Jr. Girls Volleyball practise Jr. Choir Practise	
Friday January 13 Day 4		

INFORMATION & UPDATES

HOLIDAY WISHES: As our first four months draw to a close and we head into the winter break, on behalf of the staff we would like to extend our best wishes to all for a safe and happy holidays. We hope everyone has a chance to slow down for a few days, make some wonderful memories and enjoy time with friends and loved ones. To those who are celebrating, we wish you a Happy Hanukkah, a Joyful Kwanzaa and Merry Christmas; and to all we would like to extend best wishes for a safe and happy New Year. We look forward to seeing you all in 2023!

WINTER CONCERT: We were pleased to welcome so many of our families to our winter concerts on Thursday afternoon and evening. The concerts were wonderful! The band was amazing, the choir sounded beautiful and all of the class performances were a joy to behold. We would like to acknowledge the leadership of Ms. Brandon and Ms. Dunlop in facilitating these concerts, as well as Ms. Bressel for her work with the Jr. Choir, and all of our staff who worked with classes to put together these wonderful performances!

JUNIOR VOLLEYBALL: The Jr. Boys team has been busy preparing for a game against Lester B. Pearson on January 9th after school. Their Area tournament is on January 18th. The Jr. Girls have been working really hard to gain skills and come together as a team. They are looking forward to games in the new year and their Area tournament is on January 31st.

COMMUNITY SAFETY: Keeping staff, students, and community members safe is a top priority of everyone. We have been informed that a vehicle has been making 'U-turns' in the middle of a nearby intersection between 8:15-8:25 am. York Region Police has been notified and will continue to support in helping make the trip to and from school as safe as possible. Please help keep everyone as safe as possible in our community.

THE CENTRE FOR BLACK STUDENT EXCELLENCE: Find [attached the December 2022 Newsletter](#) from The Centre for Black Student Excellence. There are many different programs, projects, partners, links, and upcoming events provided.

ARTS BAYTHORN: Current Grade 4 or 5 students can apply for the full time Arts@Baythorn program for September 2023-2024 school year. See the [attached flyer](#) for more information.

NACCA ART EXHIBITION: The Newmarket African Caribbean Canadian Association (NACCA) will be co-organizing an Art Exhibition at the Old Town Hall during Black History Month 2023. NACCA would like to engage artists throughout York Region by asking them to contribute their stories of strength, courage, and innovation through any visual art form. Please see the [attached PDF flyer](#) for more details.

NCCM FAMILIES AND COMMUNITY EVENT: Families and community are invited to join NCCM (National Council of Canadian Muslims) and YRDSB on January 25, 2023 for a session about legal rights and responsibilities within schools. Please see the [attached flyer](#) for more information.

THE RHAPSODY FILM SCREENING: YRDSB families, educators, and students (Grade 9+) are invited to join the screening of The Rhapsody, a documentary about a Polish Canadian composer/Holocaust survivor, Leo Spellman. See the [attached poster](#) for more information and registration details.

THREE PART SERIES ON POVERTY: Parents and guardians are invited to join this 3 part series on poverty in York Region. Please see the [attachment](#) for session details, dates, and registration information.

TUNE IN YRDSB: [Tune In YRDSB](#) is the first podcast of its kind in Ontario. A wide range of topics are explored related to education in York Region and beyond. In the most recent episode, we are joined by Principal of Anne Frank Public School, Aneta Fishman, Educator from Yad Vashem World Holocaust Remembrance Center in Israel, Yoni Berrous, Associate Director of Canadian Society of Yad Vashem, Josh Hacker and Educator from Keswick High School Tracey McKinley as they discuss what Yad Vashem and the scholarship program, the benefits of attending as an educator, how educators can incorporate this learning into their classrooms and so much more!

MINDFUL PARENTING SERIES: Mindful parenting helps caregivers feel more responsive and less overwhelmed while helping children to feel calmer. Please find [attached a flyer](#) that provides links for upcoming virtual sessions begin offered.

INFORMATION FROM PREVIOUS EDITIONS OF THE NORTHERN HIGHLIGHTS

WINTER CONCERT: We look forward to welcoming our families to our Winter Concert the afternoon and evening of Thursday, December 22, 2022. Our Kindergarten classes will be performing in the afternoon at 2:00. Our primary classes, as well as our Jr Choir and Intermediate Band will be performing in the late afternoon at 6:00. We look forward to seeing you then

PIZZA LUNCH: [Northern Lights is thrilled to announce the return of pizza lunch.](#) If you would like to participate in the following pizza lunches, **please log into your child's School Cash Online account to order.** The deadline for placing orders is Friday, January 6, 2023. [Late orders will not be accepted.](#) Extra pizza will be sold (limited amount) on the day of the lunch at \$3.00 per slice. There is no guarantee that your child will receive extra pizza as it is on a FIRST-COME; FIRST-SERVED basis. Pizza will be provided by Pizza Pizza.

BUS LOOP: Please ensure that the bus loop is not used for pick-up or drop-off. This area is for bus use only and is a fire route. This area must be kept clear at all times for safe loading and unloading of students from buses and complete and unobstructed access to the building for emergency vehicles. Please park in the parking lot or side streets where parking is permitted if you need to get out of your vehicle. Your support in helping keep all of our students safe is truly appreciated.

STUDENT TRANSFER REQUESTS INTO SECONDARY SCHOOLS FOR SEPTEMBER 2023: Information for families regarding student transfer timelines and processes is included in the following memo. The [linked attachment](#) also includes information about which Secondary Schools are open to transfer and which ones are not.

FRENCH IMMERSION INFORMATION SESSIONS AND REGISTRATION: The information session for Grade 1 entry into the French Immersion (FI) program will take place in French Immersion schools on January 19, 2023. Program locations and additional information is available on our [website](#). If you're unable to attend the information session, you can hear all about the French Immersion program on the [Tune In YRDSB: French Immersion Podcast](#). Please see the [attached flyer](#) for additional information.

FAMILIES AND SCHOOLS TOGETHER: Families and Schools Together is a play and art therapy based program that allows families to come together. A program that will help reduce caregiver isolation by connecting with other families in the 2SLGBTQI+ community. Please see the [attached flyer](#) for more information.

Math Problem of The Month**THE WHAT AND WHY OF NUMBER SENSE**

It is important for children to develop number sense as they move through the grades. This simply means that children develop the ability to understand numbers, number relationships, and can use this understanding to solve mathematical problems.

The Ontario curriculum scaffolds the development of number sense for children as they learn to read, represent, compose, decompose, compare, order and estimate numbers. This journey begins in kindergarten where children learn about counting and quantity as they investigate and explore numbers in their everyday lives. The Ontario Mathematics Curriculum supports the development of number sense throughout the grades by carefully scaffolding for each grade.



Grade 1 - Numbers to 50

Try this at home: Together, count a small collection of items.

Grade 2 - Numbers to 200

Try this at home: How many ways can you show 2 dollars using different coins?

Grade 3 - Numbers to 1000

Try this at home: Count by 10s, 20s, 25s or 50s to 1000. To add an extra challenge, start at a number that is not 0.

Grade 4 - Numbers to 10 000

Try this at home: Think about as many situations as you can involving numbers up to 10 000. Discuss what the numbers and units represent.

Grade 5 - Numbers to 100 000

Try this at home: Have a discussion about where you find big numbers. Think about as many situations as you can involving numbers up to 100 000. Discuss what the numbers and units represent.

Grade 6 - Numbers to 1 000 000

Try this at home: Have a discussion about how big is a million. Think about it in terms of number of items, where you can find a million and how much it really is. You may want to check out the book - How Much is a Million

Grade 7 - Number to one billion

Try this at home: Think about as many situations as you can where you would find a billion. Discuss what the numbers and units represent.

Grade 8 - Very large and very small numbers

Try this at home: Have a discussion about what the smallest number is and what the largest number is. Then do a bit of searching to see if you are right. Discuss how big and small those numbers really are in comparison to everyday items.

CELEBRATING THE MANY GLOBAL CONTRIBUTIONS TO MATHEMATICS

Throughout human history, people from many cultures and societies have contributed to the continuously developing understanding of math. As a part of each monthly newsletter, one of these many significant contributions will be shared in celebration of how diverse ways of knowing have shaped our mathematics today.

Did you know that the first known use of zero was about 4000 years ago in the Sumarian culture in Mesopotamia? It was used as a placeholder to indicate the absence of a number. It was later independently developed by the Mayans and even later in India. Arab merchants brought zero from India to the West where after much debate it was accepted as a number.

To learn more about the history of zero, visit this BBC webpage [We Couldn't Live Without Zero - but we once had to](#).

ANSWER TO THIS MONTH'S PROBLEM -(New problem to come in the next edition of the Highlights)

There are 30 squares. What if instead of a 4x4 grid, we started with a 5x5 grid. How many squares would there be?

MATH PROBLEM OF THE MONTH (December):

This Month's Problem

How many squares do you see in this picture? (There are more than 20)

