

# Northview Heights S. S.



Principal: Alison MacLachlan

Superintendent: Elizabeth Addo

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Semester 2, Term 1 2018/2019



## Administrative Team Message

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Dear Parents/Guardians,

Spring has finally sprung! As we head into the last quarter of the school year, please pay attention to upcoming dates and deadlines. In term 4 there will be plenty of academic contests, scholarship applications, learning opportunities, and (of course) celebrations including the Spring Athletic Recognition assembly, graduation and prom. We look forward to our final term of this school year and to congratulating our students as they celebrate their well-earned accomplishments with their friends and family.

Thank you for reading another edition of our quarterly newsletter. As per usual, this edition is chocked full of stories that chronicle our staff and students on their learning adventures. This newsletter provides updates on important projects such as Neurobrite, highlights field trips and in-class learning, and forecasts upcoming speakers and events.

We strongly encourage families to get involved in school life. Thank you to the parents who joined us on Parent Teacher Interview Day and at our English Language Learner evenings in late March. Everyone is welcome to join us at School Council meetings. Excellent sources of school news are on our school website (<http://www.northviewheights.ca>), the My School Days app and the official Twitter page of Northview Heights (@NorthviewHtsSS). Subscribe and/or follow along to be kept up to speed on the latest happenings at our school.

Please take the time to review the term 3 report cards that have now been distributed. In most cases these marks represent the mid-term achievement of your child/children. The marks are final, however, for half credit courses including Grade 10 Civics and Grade 10 Careers. If you have any questions or concerns, do not hesitate to contact the school at 416-395-3290. We are happy to speak to parents on the phone and in person. Wishing our community a spectacular Spring.

Sincerely,

Alison MacLachlan (Principal)  
Elise Davidson (Vice Principal, surnames A-G)  
Karen Johnson (Vice Principal, surnames H-O)  
Ken Do (Vice Principal, surnames P-Z)





## Student Services

### COURSE SELECTION

Course Selection for the 2019-2020 school year is now complete. In addition to choosing courses on My Blueprint ([www.myblueprint.ca/tdsb](http://www.myblueprint.ca/tdsb)), students have also had the opportunity to answer their Individual Pathways Plan (IPP) questions. The IPP survey questions allow students to discover the answers to 4 key questions:

- 1) Who Am I?
- 2) What Are My Plans to Achieve My Goals?
- 3) What Do I Want To Become?
- 4) What Are My Opportunities?



### GRADUATING STUDENTS

Many of our graduating students have received offers of admission to University and College while others are eagerly awaiting a reply. Students are encouraged to log into their email and their OUAC (university) and/or OCAS (college) application sites for updates. Students are to hand in their volunteers hours as soon as possible, if they haven't done so already.



TDSB Summer School and e-learning information can be found on [www.creditprograms.ca](http://www.creditprograms.ca)

Please note that Registration for on-site summer school begins on Monday, May 6, 2019 at 10:00 a.m. Access to courses will not be available until May 6. Students must bring in their parent-signature forms to their guidance counsellors, for approval, as soon as they register.

### VOLUNTEER HOURS

Northview held its semi-annual Spring Volunteer Fair on Wednesday April 10, and it was a huge success! Students are required to complete 40 hours of community service hours as part of their diploma requirements. Volunteer experience helps students to be well-rounded individuals and develop an awareness of civic responsibility.



### JOB AND VOLUNTEER OPPORTUNITIES

Upcoming opportunities have been posted on the Guidance Jobs & Volunteer Board. Come early to get a head start on applying for positions as they come up. Check the board regularly!



Students and parents are welcome to contact their guidance counsellor if they have any questions. Guidance Office: 416-395-3290, X 20040.





## Honours Mathematics, Science, Technology (HMST)

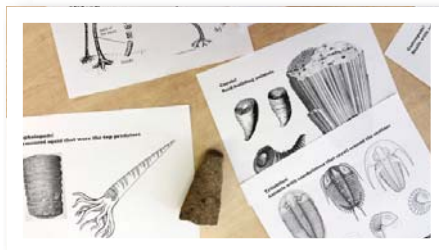
### GRADE 9 HMST

In March, guest speakers from IRIS Robotics visited each grade 9 HMST class, organizing interactive workshops on coding and Arduino. Students learned how to set up a complete electrical circuit and how to enter a variety of inputs to program their devices.

Grade 9 HMST classes hosted guest speakers from the University of Toronto. In March, researchers from the U of T Earth Sciences department visited each class and conducted workshops on mineralogy, geologic hazards and fossils. Students examined different types of rocks and rock formation processes. They also identified ancient fossils of coral and tropical species that were found in rocks from southern Ontario!



Grade 9 HMST students participated in a variety of workshops at Ryerson. In one of the workshops, students toured the Institute for Biomedical Engineering, Science and Technology (iBEST) labs at St. Michael's Hospital. In another workshop, students learned the basics of app design using the MIT App Inventor development kit and created an app for Android phones.



### GRADE 10 HMST

Grade 10 students visited the Ontario Science Centre in March, enjoying the newly released IMAX movie on the unique Great Bear Rainforest in British Columbia. They also participated in an interactive chemistry workshop, exploring the different types of chemical reactions related to grade 10 science and their current grade 11 chemistry course.



More than 30 grade 10 HMST students are participating in the Baycrest neuroBRITE brain research project. They are in the process of designing their very own experiments on the brain, and will be collecting data using portable EEG technology. Students have chosen to investigate brain responses in a variety of complex situations, ranging from colour perception, face recognition, language processing and mathematical processing. Their research will culminate in a conference in May, where students will present their research findings to neuroscientists at Baycrest.



In late April, all grade 10 students will visit the Rouge National Urban Park, Canada's first national park located in an urban area. The Rouge is home to several dozen rare or vulnerable species of plants, birds, fish and mammals. The grade 10s will be learning about species at risk, invasive species and the impacts of climate change.

### GRADE 11 HMST

Grade 10 and 11 HMST students also visited Ryerson University for a unique "Murder Mystery" chemistry lab. As they solved the mystery, students learned about spectrophotometry, pipetting and diluting solutions. They also had a tour of the campus, learning firsthand about post-secondary education.

Grade 11 HMST students will be visiting the Royal Ontario Museum for a hands-on workshop in early May, investigating concepts related to biodiversity by examining specimens in a lab and in the Dinosaur and Bird Galleries.

In late May, HMST students will also be attending the Let's Talk Cancer Symposium organized by SciXchange, participating in workshops on medical physics, antioxidants, microscopy and biotechnology.

In June, grade 11 HMST students will be celebrating their achievements at a graduation field trip to Rinx. Congratulations to our 2018-2019 HMST cohort!



**For more information about HMST:**

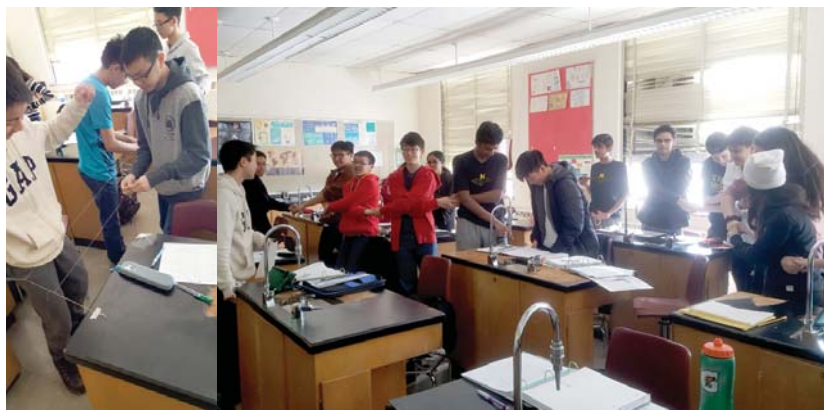
Visit <http://www.northviewhmst.com/> and follow us on Twitter! @NorthviewHMST







## Science Department

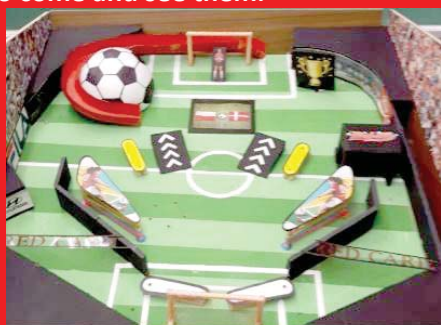


### HYDROGEN BONDING INTERACTIVE PRESENTATIONS

Two years in the running, our Grade 11U Chemistry hydrogen-bonding presentations have students design creative and highly kinesthetic activities to teach their class how hydrogen bonding explains various phenomena such as how non-Newtonian fluids have solid and liquid properties, and how certain lizards can walk on water!

### RUBE GOLDBERG MACHINES AND ROLLER COASTERS

Physics students will be building and analyzing Rube Goldberg machines and roller coasters. In May these projects will be displayed and students of all grades are welcome to come and see them.



### NEUROBRITE

We started Neurobrite 2.0! Students visited Baycrest Hospital to work on their research projects on brain activity. They are working alongside doctors, Ph.D. students, and researchers to design tests to see how brain activity changes under different circumstances.



### CHEMISTRY AT RYERSON

HMST students from different grades attended a very hands-on laboratory exercise at Ryerson University thanks to the planning of Ms. Tsin. Students used pipettes and spectrophotometers to measure contaminated pool water samples.

### TAKING INITIATIVE IN YOUR LEARNING

Our science teachers are more than happy to assist you with any questions you have about the science subjects you are taking. We are available for extra help at lunch (drop by the Science Office), and after school or before school by appointment. You can also reach us by email or through our Google Classrooms (just post a reply to a topic, or start a new discussion, and we can assist you online).



### UPCOMING SCIENCE CONTEST DATES

April 25, 2019	UofT National Biology Competition
May 2, 2019	Waterloo Sir Issac Newton physics contest
May 9, 2019	Waterloo Chem 13 News contest
May 16, 2019	Waterloo Avogadro contest
May 22, 2019	Ontario Association of Physics Teachers contest





## Mathematics

### PASCAL / CAYLEY / FERMAT MATHEMATICS COMPETITIONS

On February 26, more than 120 students participated in the University of Waterloo Mathematics Competitions: Pascal (Gr. 9), Cayley (Gr. 10) and Fermat (Gr. 11). Great job to all participants and congratulations to Northview's top scorers:

**Grade 9:** Mani M.  
(who made the University of Waterloo's honours roll for the Pascal Contest)

**Grade 10:** Matthew J.

**Grade 11:** My Ha C.

A total of fourteen grade 9 students, eight grade 10 students and three grade 11 students achieved in the top 25% of all contest participants.



### UNIVERSITY OF WATERLOO MATH PROGRAMS

Congratulations to Ananya R. and Arca K., whose keen interest and strong ability in math earned them a spot in two competitive University of Waterloo math programs.

Ananya will be one of 40 students who will participate in the "TAM" (Think About Math) one-day workshop for young women in grades 9 and 10 who are interested in learning about career paths in math. Arca will be one of 72 students who will participate in the two-week Catalyst Summer Program in which high school students in grades 10-12 will learn the essentials of collaborative work, engineering design and problem-solving.

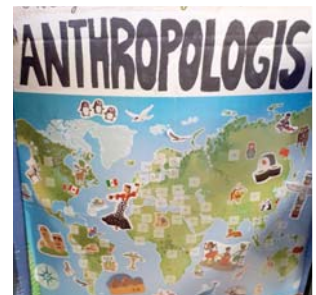
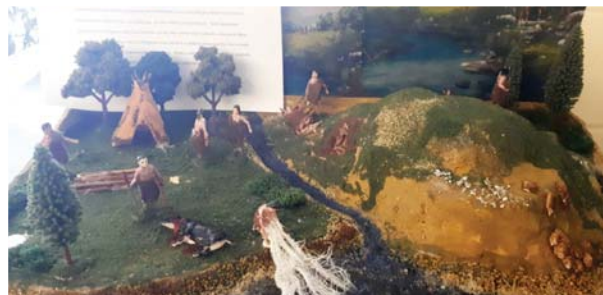
We applaud Ananya and Arca for their hard work and for taking the initiative to apply to these exciting math programs. We wish them continued success in the future.

*Way to go Northview!*



## Social Science

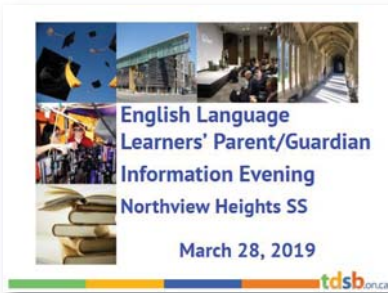
Students in Mrs. Brand's Anthropology/Psychology/Sociology class were to construct an artistic piece to resemble one of the disciplines taught in class. These photos below represent Anthropology.







## ESL Department



The ESL Department hosted an English Language Learner (ELL) Parent/Guardian Information Evening on March 28, 2019 on the same night as Parents Night. We had our wonderful Community partners Kababayan Multicultural Centre, MNLCT Youth program, JVS Newcomer Youth Program, and North York Community House present their programs for Newcomer Youth. You can find the whole presentation on the [www.northviewheights.ca](http://www.northviewheights.ca) website under "ESL Department." As well, our Settlement Worker and a Guidance Counsellor presented programs and services available for our ESL Students.

The ESL Department, ESL Club and FilCan Club have continued their collaboration with the Phys. Ed, Dance, and Guidance departments. Our ESL students are enjoying basketball, table tennis and volleyball in the Gym once or twice a week during lunch. Students also have access to the Dance Studio where the FilCan Dance Club can practice hip hop and folk dancing. Filharmonix, our choir, has also been practicing regularly. They are all busy practicing for the upcoming Talent Show and the TDSB Asian Heritage Celebration in May. We have upcoming field trips to the Etobicoke Field Studies Centre, as well as, a trip to the Art Gallery of Ontario (AGO) and Kensington Market organized by the TDSB Newcomer Services Program.



## Hospitality and Tourism

Every year a dedicated group of students volunteer their time to help the Hospitality Department in the cafeteria. They do a variety of jobs: serving food, cash register, food preparation, dishes and laundry. As well, many students volunteer to serve food and clean up at Parent Teacher interview night.

**A GREAT BIG THANK YOU TO  
ALL OUR VOLUNTEERS!**





## Business Studies Department

### LEADERSHIP STUDENTS TEAM BUILD IN THE GREAT OUTDOORS

Our Grade 12 Business Management class visited the Etobicoke Field Studies Centre on the first beautiful day of spring. Team building activities included the spring ritual of tapping, processing, and of course tasting maple syrup.



### STUDENTS JOB SHADOW

#### CAPITAL MARKET CAREERS ON BAY STREET

Two Northview Students had the unique opportunity to participate in the Women in Capital Markets (WCM) Job shadowing event to learn about careers in finance and banking. "We got to work with people from different teams coming in and giving presentations essentially about careers in capital markets and networking.... It was such an informative and fun event that I recommend the business department to sign up again next year."



RBC Capital Markets



**WCM**  
WOMEN IN CAPITAL MARKETS

### A NEW "SPACE FOR LEARNING"

The Business Department embarks on a new initiative this semester with our Grade 12 Leadership students to co-design and develop a work environment for students who learn in different ways. Partially funded through a grant from the Community Connected Experiential Learning (CCEL), students research and plan possible ways to improve our learning environment. Working with a group of local community partners students learn about inclusive design, accessibility, health and wellness directly from experts, consultants and professionals in the field. We look forward to integrating all these ideas into our new space for learning!



### CREATIVE ESCAPE ROOM PROJECT HELPS BUILD CRITICAL THINKING SKILLS

How do groups of people solve "pressure situation" problems differently than individuals?

Our Business Management Students are developing their critical thinking and problem-solving skills as they participate in the Creative Escape Room project. Student teams will research, collaborate, visit a Captive Escape room, reflect and then design their own escape room models.



### FINANCIAL LITERACY WORKSHOP TEACHES PERSONAL FINANCE

What is the price of borrowing money?

On Friday March 29, one of our community partners, Ratehub, joined us for the day to answer some of the tough questions and teach practical money math skills students need for life. Students learned what it takes to build a dream life, shop smartly and navigate interest rates.



### NORTHVIEW BUSINESS STUDENTS QUALIFY FOR ONTARIO IT-OFFICE SKILLS COMPETITION

Students from across the TDSB competed last month in the TDSB's annual IT-Office Skills competition in Word Processing, Presentation, Database and Spreadsheet Software. Northview's Annie Y. and Yash P. scores were high enough to qualify them for the Ontario Skills competition this May. Congratulations and good luck!





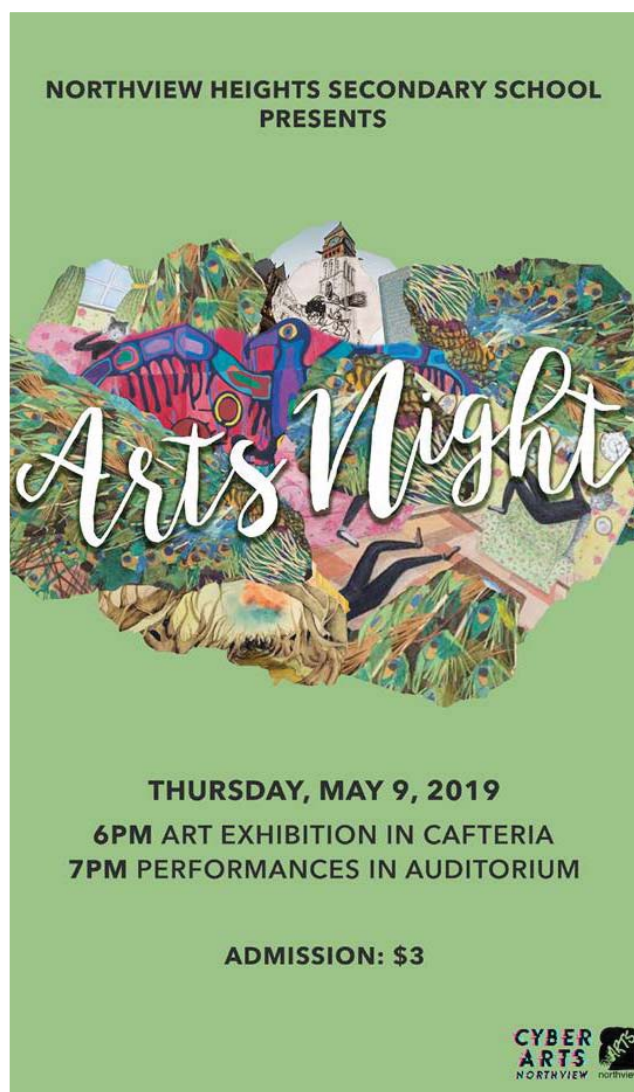


## Arts

### VISUAL ARTS

Mr. Pidsadny's Grade 11/12 Digital Media class finished this year's annual student-created Arts Night 2019 promotional poster. The poster (seen below) was created by Jaymi M.

Ms. Tuzi's Gr.11 Photography class just completed the "Collaged Portraits" studio project! Students explored the history and art of portrait photography as well as how to edit their work in Adobe Photoshop! Students were asked to digitally incorporate sections of their self-portrait into an iconic painting or classical sculpture. This multi-layered assignment further developed their digital skill sets.



*Student Artist: Asrin A.*

### ARTS NIGHT:

**THURSDAY MAY 9, 2019, 6:00 - 8:00 PM,  
Cafe & Auditorium, Northview Heights SS**

Attention all NHSS students, staff, and community members: You are invited to a creative family-friendly ONE NIGHT ONLY event that showcases our Drama, Music, Dance & Visual Artists! Come and enjoy food, raffle prizes & amazing entertainment! Tickets are only \$3.00 and will be available in the front foyer at lunch closer to the event and at the door.

### DANCE

We have had special Guest dancers come in to work with our NHSS Dance classes! The Grade 12 Dance class is working on a performance piece with Toronto Dancehall/Urban Dance artist Edz Gyamfi! Dancers are busy preparing for the upcoming Arts Night performance!







## Arts

### MUSIC

Band students at Northview had a very busy first semester! The Senior Band performed at the Remembrance Day Assembly in November and the Holiday Assembly in December. The Junior Band played for future Northview students and parents at the Grade 8 Open House. Both Junior and Senior students showed off their talents at the Arts Everywhere Performing Arts Showcase. Aside from their own performances, band students also had the opportunity to attend some excellent concerts this fall at the Toronto Centre for the Performing Arts and Roy Thomson Hall.



Northview musicians, thank you for your dedication and talent! We had a number of exciting events and performances both in class and in the community. Thank you, North Harmonix Jazz Choir and both Senior and Junior bands who performed at the Remembrance Day and Holiday assemblies. North Harmonix is now preparing for the performance at Roy Thomson Hall in April and the National Music Festival in Ottawa in May.



### DRAMA

The Grade 9 Drama classes have been extremely lucky to work with professional Mime Peter Jarvis. This two day intensive workshop helped them explore the precision of mime. They have also been working on tableaux. Next Scripts!



Our Drama classes are busy preparing for the **Arts Night 2019** performance: "13 Ways to Screw Up Your College Interview!"

# CYBER ARTS NORTHVIEW

## CyberARTS Department

The second semester began with CyberARTS students working on introductions to photography, Photoshop, web design, InDesign, film, advertising, illustration, drawing and painting. A number of field trips have explored creative industries and enhanced what we are doing in the classroom. The grade 9 classes visited TIFF Bell Lightbox and worked with filmmakers. This annual field trip prepares students for their filming and editing project starting this month. Grade 10 and 11 students went to the Artist Project, a contemporary art fair that displays work by over 300 professionals utilizing every medium of art.



Building on a partnership with TDSB's Experiential Learning department, more students from grades 10 and 11 got to spend the day at Cossette, a marketing and communications company. This opportunity has influenced classes with new marketing based projects and the opportunity to enter an international competition. The next day students met with faculty from Ryerson's Department of Architectural Science. The visit included a seminar, the Graduate Thesis Show, and a tour of Ryerson's campus.



Grade 10 Cyber students, Stella T. and Francesca S., won silver medals in the Ontario Skills Contest. The two youngest competitors had one day to create a 2D animation, using an audio file they were sent at the start of the competition. They have earned a spot in the finals taking place in May.



### CYBER GRAD 2019

We look forward to celebrating the achievements of our grade 12 students; many of whom are currently working in Co-op placements as Graphic Designers, Filmmakers, Educators and more.



See more photographs / artwork @  
[www.cyberarts-northview.ca](http://www.cyberarts-northview.ca) &  
@nhssciberarts on instagram and twitter.





## Northview Heights Launches 30 Children's Storybooks & Hosts Canadian Author Heather T. Smith

On Wednesday, April 3, 2019, Ms. Whitfield, Ms. Bradley Wardell and Mr. Brown hosted a wonderful celebration of literacy and books with Canadian author Heather T. Smith. The event honoured the publication of Ms. Whitfield's Grade 10 Core French classes' children's stories, written this winter as part of our NorthviewWrites Project. This is the 4th group of student authors to write, illustrate and have their stories published. The beautiful books were published by the Tippet Print Shop in the TDSB. We are so proud of each of these student authors for telling their stories in such creative and articulate ways.

There is something special about writing a children's picture book (and especially, en français!) The students worked through the entire creative writing process, developed unique characters and used their own voices to talk about issues and situations that they care about. Some of the storylines talk about how children overcame incidents of bullying, how characters recognize that it is perfectly okay to be different and unique, while others talk about adventures to unknown places, building positive relationships and taking risks to learn something new! Each story is creative, imaginative and has much to engage young and old readers alike. Even the illustrations were done by the student authors.

Heather T. Smith, is a Young Adult Fiction author who is one of the 2019 Finalists for the White Pine Book Awards for her book *The Agony of Bun O'Keefe*. Throughout the day, Heather shared with students from all grades, about what inspires her to write a story, her writing process—going from simply an idea to then pitching a book idea to a publisher and then to seeing it in print. She also talked about the value of having a great opening in a story, and talked about the challenges of getting work published. She showed us a long scroll of all the rejection letters she got! The students really enjoyed learning from her and hearing her read excerpts from her books.

In Ms. Whitfield's opening remarks at the book launch, she talked to the students about the power of storytelling, the importance of choosing words that matter and of the importance of never being afraid to use writing and storytelling as creative forms of expression. J.K. Rowling who wrote the *Harry Potter* Series once said: "There's always room for a story that can transport people to another place." As we launch these incredible storybooks at NHSS we celebrate them being transported to new and exciting places as published books and in the hands of little readers! To all the NorthviewWrites authors, félicitations! Nous sommes tous très fiers de vous. Together we celebrate you. We are proud of you!

*Written by: Ms. Whitfield, French Teacher*





## Technological Education

The Experimental Learning and Co-Op Department hosted a TDSB Secondary Technological SKILLS Competition at Northview Heights on March 19, 2019. This event gave students the opportunity to demonstrate health and safety principles, including the ability to identify and assess workplace hazards. Experts from Tridel, WSIB, and others from the field evaluated the students and awarded skilled students with well-earned medals. This was the largest SKILLS competition in the TDSB so far! Northview also hosted the awards ceremony where 10+ students from Northview won medals. Regional qualifiers moved onto SKILLS Ontario Competition Qualifiers on April 6.



## Athletics

### WRESTLING TEAM

Many people tend to assume that wrestling is a dangerous sport that takes a lot of strength and power in order to succeed. The truth is, the media can be very influential and discourage many students from joining.

At Northview Heights Secondary School, the wrestling coach Mr. Brown, ensures that all students aren't going beyond their capabilities, as playing safe is his top priority. This year, about two thirds of the team didn't have any experience at all, but they progressed quickly by building strength and better coordination abilities throughout the season. An individual that weighs much less, or much more than average wouldn't have a disadvantage, as people are always matched to wrestle according to how much they weigh.







## Athletics

Northview's Athletic department is wrapping up a very busy Winter season and looking forward to an exciting Spring season. Here are some of the highlights from Winter sports:

**BADMINTON – Season in progress.**

**BASKETBALL (JUNIOR BOYS)**  
Won the Newtonbrook tournament and finished 3rd in a very tough North-West region. Bowled out to the eventual champions CV Jeffreys in the semi-finals.



**SKI/SNOWBOARD**  
The slopes saw two finishers in top 10 at Cities, Mathew and Liza.



**SOCCER INDOOR (GIRLS)**  
**CHAMPIONS of the North!**  
The girls had a great season beating York Mills in the North Region Final. Unfortunately, lost to Leaside in the City semis.



**BASKETBALL (SENIOR BOYS)**  
Won the consolation championship at the Vanier Vikings tournament. A young senior team suffered a few tough losses resulting in missing the playoffs. Looking forward to next year with a solid group of promising players.



**SWIMMING**  
Largest school sports team sent 8 swimmers to OFSAA!  
Awesome work!



**SOCCER INDOOR (JUNIOR BOYS)**  
A bit of a down year for last year's City champions. Looking to rebuild on the former glory for next year.



**VOLLEYBALL (GIRLS JUNIOR) –** Worked hard to develop their skills and compete in Tier 1. Looking to gain momentum for next year.

**SOCCER INDOOR (SENIOR BOYS)**  
Solid year for the senior indoor team despite having such a small roster. Lost to Downsview in the semi-finals.



**VOLLEYBALL (SENIOR GIRLS)**  
Won the consolation championship at the York Mills tournament and improved their skills throughout the season.



**WRESTLING**  
Sixteen wrestlers qualified for the North Region championship, three of whom advanced to Cities. One bronze and two 5th place finishers at the City Championship!



Northview's Athletic department is pleased to offer the following **SPRING** sports:  
Boys Baseball, Boys Cricket, Girls Flag Football, Girls Softball, Girls Soccer, Tennis, Track and Field, Ultimate Frisbee, Boys and Girls Water Polo.

**ICE HOCKEY –** After graduating several seniors last year this was a rebuilding year for Northview's hockey team.

**WE WELCOME ALL STUDENTS TO GET INVOLVED  
IN NORTHVIEW'S ATHLETICS PROGRAMS.  
GO PHOENIX!**





## Health and Physical Education

Spring is in the air and our fitness classes have begun their training for the Phoenix 5000 run on June 6! This 5 KM event happens once each semester and is a great opportunity for our students to set goals and see all of their hard work pay off.




Enrollment in Physical Education courses is looking strong for our next academic year as both students and parents are recognizing the far-reaching benefits of physical activity. According to the CDC, regular physical activity helps students achieve better results in other classes, as “physical activity can help students focus, improve behaviour and boost positive attitudes”. In addition to our Phys. Ed and Fitness courses, Northview also offers Racquet Sports, Large Group Games, and Yoga and Mindfulness (new in 2019!).



In other department news, Mr. Yeung has taken a parental leave of absence and Ms. Shafiepour will be teaching his classes for the rest of the semester. Welcome Ms. Shafiepour!

COMING SOON



PAUL DAVIS

FEBRUARY 25, 2020

NORTHVIEW HEIGHTS  
SECONDARY  
SCHOOL

Social Networking  
& Online Safety

Social Media / Image Sharing  
Cyber-Bullying / Smartphones / Privacy  
Digital Trails & More!

COMING SOON