

Northview Heights S. S.



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Semester 1, Term 1 2019/2020



Principal's Message

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Dear Parents/Guardians,

The 2019-2020 school year at Northview Heights Secondary School has had a very successful start. To those of you who are new to the Northview Heights community - Welcome! Since the beginning of the school year, we've hit the ground running with a number of events and initiatives to support student learning and engagement.

In late August, we hosted our Head Start to High School Orientation Day where grade 9 students had the opportunity to familiarize themselves with the school while making new connections and sharing in the struggle of using their new locks. Our Club Fair in late September highlighted over 30 clubs and councils; not to mention, the abundance of sports teams and endless intramural opportunities we offer throughout the year.

Our turnout to Parent-Teacher Interviews in October was impressive. We would like to take this opportunity to thank our parents and guardians who were able to make it out to the event. We encourage everyone to continue in rich conversations about our students' progress. We know that each and every one of you is dedicated to investing in your child's education so please don't hesitate to reach out!

To stay in the know about what is happening at Northview, please be sure to download our free App which lists everything from assemblies, events, excursions, information sessions, and special schedules. Another way to stay connected is to visit our comprehensive website at www.northviewheights.ca.

The amazing events and initiatives that take place at Northview would not be possible without the commitment and enthusiasm of our staff who work every day to foster innovation and inclusion into the classroom. Through knowing, engaging, listening, and learning, our staff continue to collaborate and engage in breaking down barriers to provide equitable and inclusive education for all our students.

We look forward to continuing our work in providing your child with the best education possible.

Sincerely,

Alison MacLachlan
Principal





Student Services

September began with a busy and productive opening. Over the years the Guidance department has been instrumental in organizing events and workshops for our students.

GRADE 9

Our counsellors have been busy welcoming and helping our grade 9 students with the transition to secondary school. We have visited all of our grade 9 core classes where students were given important information about our guidance department and an overview of graduation requirements. Each student was also required to log into myBlueprint and complete their Individual Pathways Planner (IPP).

GRADE 10

Our grade 10 Careers teachers are providing our students with important information regarding self-assessment, career exploration and educational planning through myBlueprint - Individual Pathways Planner (IPP)

On November 18, 2019, Northview's Guidance department hosted our annual University Dialogue for our grade 12 students. Representatives from York University, U of T, Ryerson, OCAD, McMaster, Guelph-Humber and UOIT were in attendance. Afterwards, the representatives had an opportunity to chat with students, answer questions and distribute information. We also held an Ontario Universities' Application Centre (OUAC)- How to apply to university assembly on the same day.



GRADE 11

Guidance counsellors are working with our grade 11 students to ensure that they are researching the pathway opportunities available to them. The detailed research students are conducting in their grade 11 year will give them the confidence they need when it comes time to apply to post-secondary programs in their graduating year.

GRADE 12

On October 21, 2019 we hosted our annual College Dialogue and representatives from Seneca, Humber, George Brown, Centennial, and Georgian attended. Our students had an opportunity to ask questions afterwards. We also held an Ontario College Application System (OCAS) College Application Support Day on October 28.

UNIVERSITY AND COLLEGE APPLICATION PARENT AND STUDENT INFORMATION EVENING 6-7pm

NOVEMBER 5, 2019 - OCAS

College Application Information Evening

NOVEMBER 27, 2019 - OUAC

University Application Information Evening
Guidance counsellors will go over the step by step instructions on how to apply to university. We are looking forward to a large turnout of parents and students!



Our goal is to give our students the necessary tools to make informed decisions to ensure success in secondary school.

Counsellors are always available to assist students.

We encourage all students and parents to visit our

Guidance page at www.northviewheights.ca.





Honours Mathematics, Science, Technology (HMST)

The HMST team is excited to welcome the new cohort of grade 9 HMST students. In mid-October, our grade 9 students participated in a full day of outdoor activities at the YMCA Cedar Glen Outdoor Centre, situated on more than 250 acres of greenery just north of the Oak Ridges Moraine. Students spent the day participating in ice breaker activities, low and high ropes courses and team challenges, building trust and communications skills as they brainstormed strategies for each event.



There are a number of upcoming enrichment opportunities that HMST students will be participating in this fall:

- Beaver Computing Challenge for grades 9 and 10 students, which involves logical thinking and mathematics.
- Waterloo Mathematics Contests for grades 9 - 12 students.
- Math in Motion, Girls in Gear conference at the University of Toronto.
- Medicine by Design Conference at the University of Toronto.
- York - Fields Math Circle program, a joint program between the Faculty of Sciences at York University and the Fields Institute for Research in Mathematical Sciences.

HMST students have also been active in the Northview community, joining sports teams and organizing clubs. Special congratulations to Jeffrey O, a grade 9 HMST student who was elected to be the grade 9 representative on student council this year.

IMPORTANT DATES FOR THE HMST APPLICATION FOR GRADE 8 STUDENTS

Current grade 8 students who are interested in joining Grade 9 HMST in September 2020 are invited to submit an application. The application is currently available at <http://www.northviewhmst.com/>. Click on the "Apply to HMST" tab at the top of the page. The website also has information about the exam format and practice questions.

Deadline for Application Submission: Friday November 29, 2019.

Entrance Exam Date: Saturday December 7, 2019.

Registration will take place from 9:15 am - 9:45 am.

The exam itself will start at 10:00 am until 11:30 am.

Acceptance Notifications:

Will be sent out via email in February 2020.

For more information about the HMST visit <http://www.northviewhmst.com/>

Follow us on Twitter! @NorthviewHMST





Science Department

BIOLOGY

It's been a furious start to the new school year and biology students are up and running. Senior level students have just completed their first research and debate project investigating fad diets and associated health benefits/risks. This activity was a result of the Henry C. Gardiner Global Food Systems Lecture Series that investigated the imbalance of food in the world and the amount of waste generated by our production system. Students are also gearing up to attend the Gairdner Lectures at York University later this month to see Ronald Vale who is a Professor of Cellular Molecular Pharmacology at the University of California and Rulan Parekh who is a Professor of Medicine and Paediatrics at the Hospital for Sick Children and University Health Network. We are hoping our students get inspired as they continue their path after high school. Lastly, don't forget to check out Biology club that meets every Thursday @ 11:45 am.



PHYSICS

Grade 12 Physics students are beginning to design their Arcade games and Rube Goldberg Machines while the Grade 11 Physics students are beginning to design their Roller Coasters. Both groups of students will be analyzing the physics principles involved in their builds. Physics Club occurs every Friday over the lunch period. Pulley competitions have been held to design pulleys with a large mechanical advantage and each week problems are proposed which are meant to challenge students beyond the curriculum and to encourage the fact that Physics is fun!



CHEMISTRY

This year chemistry students are exploring their artistic sides. While diving deep into the concepts and material that the curriculum demands, students got a chance to show off their creativity in a Pokémon style scientist challenge. Students also demonstrated their chemistry abilities by creating complex 3D structures that are being displayed in various science classes. Currently, students are working to expand their journalistic sides by taking part in a photo journal assignment. So, if you see chemistry students snapping pictures around school, it's in the name of science! Looking ahead the science department is building off relationships with UofT and York to plan a visit for a private lab and tour of the campuses.



JUNIOR SCIENCES

The grade 10 science students are already thinking about their culminating research projects. Students are designing an investigation that they will carry out. The research project can be in the field of chemistry, biology, environmental sciences or engineering. Once the project is complete students will analyze the data and prepare a conclusion based on their findings. They will then present their projects to one another via a film. The films will be presented in a film festival format so that everyone can participate in the research. We are very excited to see what our students create.

TAKING INITIATIVE OF 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 before or after 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).





NUMERACY

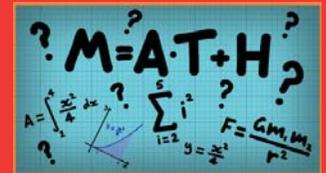
MATH EQAO

It is compulsory that every student registered in Grade 9 Academic Math write the Math EQAO test which will count as 10% of the final summative mark. This test requires students to answer multiple choice questions and open response short answer questions from the entire math curriculum (number sense and algebra, linear relations, geometry and measurement). The tentative date for all students registered in Gr. 9 Academic math this semester to write the math EQAO test is Monday, January 20. There will be a special school schedule for the day. All Gr. 9 Academic Math teachers will run a mock EQAO before January 20 and give students feedback. Students are encouraged to visit <http://www.eqao.com/en/assessments/grade-9-math/Pages/example-assessment-materials-current-year.aspx> to access past EQAO questions.



AFTER SCHOOL MATH COURSE

Are you in Gr. 9 or Gr. 10 Math and need extra support? There will be an after school Math Course to help build your skills, revisit concepts, and help with your success in your current math course. If you are interested in this course, please speak to your current Math teacher as soon as possible. You will need to register and commit to attend one session per week until the end of the semester.



HAVE YOU HEARD OF **KEN KEN** ? Puzzles That Make You Smarter

Some simple rules:

- For a 6x6 puzzle as seen below, fill in with the numbers 1 to 6.
- Do not repeat a number in any row or column.
- The numbers in each heavily outlined set of squares, called cages, must combine (in any order) to produce the target number in the top corner of the cage using the mathematical operation indicated.
- Cages with just one box should be filled in with the target number in the top corner.
- A number can be repeated within a cage as long as it is not in the same row or column.

TRY THE PUZZLE

Students or staff who complete the KEN KEN puzzle correctly and submit to Ms. Hosein will have their name entered in a draw for a \$10 gift card to Tim Horton's.

Deadline to submit is Friday November 29.

Please make sure to write your full name on your solution to be eligible for the prize.

90 ×	11 +		5 +	20 ×	
	15 ×			10 ×	3 -
		2 -	2 /		
2 -				3 /	3 /
	11 +	4 -			
		7 +		2 /	





Student Leadership

Alongside academics and curriculum, Northview has many co-curricular and student leadership opportunities available for students. These experiences are both enjoyable and valuable in helping students build social skills, relationships, and important life skills. We strongly encourage our students to GET INVOLVED as members of our Northview community. The following are a few co-curricular highlights:

HEAD START TO HIGH SCHOOL

On August 29th, we welcomed this year's grade 9 students to Northview. Our Student Activity Council (SAC) and student volunteers worked alongside some of our teaching staff to host a morning where grade 9 students had the chance to get acclimated to the school before the beginning of the new year. We hope our grade 9's have had a positive start to their high school career at Northview.



ACTIVITY FAIR – CLUBS, CLUBS AND MORE CLUBS

On September 20th, Northview's Student Activity Council hosted the annual Activity Fair. Clubs throughout the school came together to show the student body many of the extra-curricular events that Northview has to offer. Student groups ranging from the French club through to our Board Game Club came out to introduce themselves and let students know how they could get involved. Our club wall can be found posted on the cork board near room 101 – check it out to see what clubs are running and for meeting dates and locations. Students are encouraged to get involved to make the most of their time at Northview!



GRADE 9 STUDENT REPRESENTATIVE ELECTION

On September 25th, Northview's Student Activity Council held an annual election for a Grade 9 Representative. To ensure the voices of grade 9's are represented on council, the Student Council adds a grade 9 to the team each September who is elected by their peers in grade 9. This year saw eight candidates run for the position, which shows the spirit and energy that this year's grade 9 cohort bring with them to our school.

Congratulations Jeffrey O., this year's Grade 9 Student Representative!



Hospitality Department

Welcome to Mr. Mathison who has joined the Hospitality Department this year.

Mr. Mathison has brought with him several hydroponic towers and a wealth of knowledge about growing plants without soil.

Along with Mrs. Harvey and a group of students, a Hydroponic Club has been started. They will be growing a variety of herbs and lettuces (kale, chard, arugula) without the use of soil and natural light. All harvested food will be used by our classes in preparation of food for the cafeteria.



The Hallowe'en Bake Sale was a great success once again! Our grade 12 baking class organized a fun event with karaoke, costumes and baked goods.

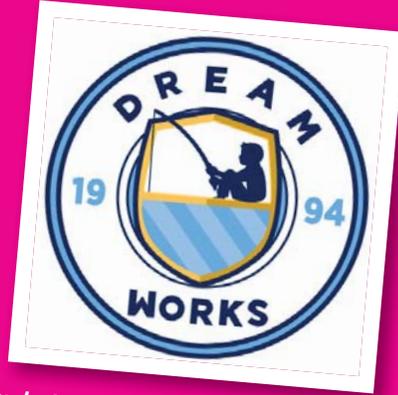


CYBER ARTS NORTHVIEW

CyberArts Department

The CyberArts students have made a strong start to the year including our new cohort. Grade 11 and 12 students have collaborated with the grade 9s and are planning workshops that include film editing, Adobe Animate and painting. Excursions that have taking place include TIFF Bell Lightbox and Ripley's Aquarium.

This semester students are using traditional and non-traditional media for projects that include Graphic Design, Photography, Perspective Drawing, and Figure drawing. We are reaching the end of our first unit and we are looking forward to sharing the work with you.



Grade 9 Media Arts: DreamWorks and Manchester City FC logo mashup.



Grade 9 Visual Arts: traditional media project exploring colour and contrast.

See more photographs / artwork
@nhssciberarts on instagram and twitter.



Arts

DRAMA

This year we have an Improv. Club. We are meeting on Tuesdays after school to work on our skills. We are looking forward to sending a team to compete in a regional competition. Wish us luck!

VISUAL ARTS

Ms. Gill's Gr. 9 students are working on mural studies reflecting the work of First Nations artist, Jerry Whitehead. Her Gr. 11 students just completed their tonal drawing assignment: Transformation of Portraits, and are now working on a creative Trompe L'oeil painting assignment.

Ms. Tuzi's Gr. 12 students are working on their Surrealistic Figurative Drawings and Iconic Classic sculptures assignments. The Gr. 11 Photography students are preparing to create their first Photoshop studio assignment: "Superimposed Ideas" where they are combining two photographic images to communicate a meaning or theme of their choice.





Orange Shirt Day

In the last week of September, leading up to Orange Shirt Day, over 500 students in Grade 9 English, Grade 9 Geography and Grade 10 Canadian History participated in interactive workshops about the history and impact of Canadian residential schools. The purpose of these workshops was to provide important context to Orange Shirt Day which took place on Monday, September 30, 2019. The day of remembrance was started in 2013 by former residential school survivor Phyllis Webstad, and is meant to educate Canadian students about the ways in which First Nations Peoples were impacted and continue to be affected by the horrible consequences of residential schools.



The workshops began with a reading of the TDSB Indigenous Lands Proclamation. We then learned about the First Nations, Metis and Inuit Communities who have been the caretakers of the land and about the importance of expressing gratitude for the land that we live, study and work on today. We listened to several different land acknowledgments by First Nations People in Toronto in their own voices and started to gain a greater appreciation for why it is important that we stand each day in recognition of these land acknowledgments.

Students then learned about the historical causes and consequences of residential schools on the lives on Indigenous Peoples from the voices of survivors shared through testimony, music videos featuring primary source documents and through the use of art by indigenous artists and storytellers.

Finally, students learned, through a series of case studies, about how various groups (governmental and non-governmental) have taken action to address the consequences of residential schools. They also learned about how they can personally do this reconciliation work. The students left the workshop with ideas and strategies to begin to build more respectful relationships between Indigenous and non-Indigenous people that acknowledge the past and the present. Students showed their commitment to reconciliation by signing a giant Orange Shirt that was mounted for our Orange Shirt Day commemorations.



You can check out this link to the City TV broadcast to see our project:
<https://toronto.citynews.ca/video/2019/09/30/residential-school-survivors-honoured-with-orange/>.



Philosophers' Tea Party & Salon

Some of the brightest legal minds of the school hosted the Philosophers' Tea Party & Salon during the first week of October. Ms. Karas' grade 12 law class, also known as the "Distributive Justice League," invited students from across the school to join them at lunchtime as they portrayed historical philosophers such as Plato, Aristotle, Jeremy Bentham, Saint Augustine, and many more.

Participating students enjoyed sparkling conversation and spirited debate as they partook in tea and crumpets. Grade 12 law students had the difficult task of presenting very complex legal philosophies to their guests, and applying these philosophies to some very controversial legal issues of our day. Students had the opportunity to challenge the grade 12 philosophers with great questions and opposing viewpoints.

Over the course of the week, 80 different students participated in the tea parties. Congratulations to the students who were in attendance, and job well done to the Distributive Justice League!





Technological Education



Technological education at Northview engages students in open, collaborative, activity based projects. We have found a few such projects in our school community.

Our Tech design classes are collaborating with the Unison Hub to create new raised garden beds for the Northview Community Garden. The garden grows vegetables for the North York Harvest Food Bank. In participating in this project students will not only learn about designing, fabricating and costing of raised garden beds to grow vegetables, they will also learn about food security and community involvement.



Perfect day to be outside



Grade 11 Tech Design students laying out new raised garden beds for our Northview Community Garden

Another project we are involved in is creating raised garden beds for the children's' playground in the Northview Heights Early Learning Centre.



Here are some of our grade 9s in the Construction Shop as part of the Exploring Technology Course.





Athletics



The Northview Athletic department just wrapped up a very busy fall season with ten sports teams!
Team recaps:

JR GIRLS BASKETBALL: Strong development year with the entire team roster playing Northview basketball for the first time. Every game was a learning opportunity and we showed great growth from our first game, up until the Region quarter final. Fantastic work!



SR GIRLS BASKETBALL: Great attitude towards a tough season. As a team, we supported one another throughout each play and each game.



SR BOYS SOCCER: After a strong regular season finishing 2nd in the Northwest division the Senior Boys soccer team lost a tough quarter final match against Lawrence Park.



JR BOYS SOCCER: The junior boys had a great season winning 3 of 4 during league play. They ended up losing a hard fought game in the quarter finals. Congratulations on a great season.



SR BOYS VOLLEYBALL: After a strong season, the Senior Boys volleyball team lost in a close game during the first round of playoffs. Congratulations on a fantastic season and thank you for your commitment!!



BOYS FOOTBALL: Northview's return to football this year was not easy. We faced a number of teams that had more experience and struggled with injuries throughout the seasons. However, valuable experience was gained by both players and coaches and next year looks promising as most of the team will be returning.



TENNIS: Girls Tennis (Team Doubles) won the North Region silver medal and lost in the semi-final of the City Championships.



GOLF: Four golfers qualified for the North Region Final. Bradley P. advanced to the City Championship and finished 9th! Well done golfers!



GIRLS ULTIMATE FRISBEE: It was the inaugural season for girls ultimate frisbee. All of the players were committed to improve themselves throughout the season and their growth showed in every game. We made the playoffs where we faced York Mills. It was a tough loss but they showed team spirit until the very end.



CROSS COUNTRY: This years Cross Country team was one of the largest ever, with more than 50 athletes coming out to train, and 35 competing in our Regional Finals. We couldn't be more proud to see so many athletes out running, whether it was for their own personal fitness, to add to our amazing team spirit, or to get ready to compete. In our Regional Finals every division qualified to move on to the City Championships, despite rain which continued throughout the day. More than 30 of our athletes raced in the rain again in the City Championships and while we did not have any athletes move on to OFSAA, our Northview athletes made us proud in what proved to be some strong competition. We would also like to congratulate all of our graduating runners, who we will miss next year! Thank you for bringing so much spirit to the team!



We are looking forward to another busy winter season with the following sports being offered. Please see the coaches if you're interested in joining a team.



- | | | | |
|-----------------------------------|-------------------------|------------------------|--|
| Badminton | Veals (Community Coach) | Jr. Boys Indoor Soccer | Staff Sponsor Required |
| Jr. Boys Basketball | J. Smith, Nizich | Sr. Boys Indoor Soccer | Staff Sponsor Required |
| Sr. Boys Basketball | Fiorio, Yeh, Veals | Swimming | Evans, Mr. Baksi, Ms. Baksi, Lifeguard |
| Sr. Boys Ice Hockey (Non-Contact) | Mulroy, Moro | Jr. Girls Volleyball | Shook, Farmer |
| Skiing Alpine | Zahariev | Sr. Girls Volleyball | Defilippis, Hosein |
| Snowboarding | Zahariev | Boys Wrestling | Brown |
| Varsity Girls Indoor Soccer | Hutchison | Girls Wrestling | Brown |





Health and Physical Education

Our Health and Physical Education classes are actively encouraging students to make healthy choices while developing physical literacy and movement competence through regular participation in a wide range of physical activities. As a result of taking Physical Education classes students report improved mood and feelings of positivity, decreased stress, increased energy, better sleep, and a stronger ability to focus in other classes. According to the Centre for Disease Control and Prevention, regular physical activity helps students achieve better results in other classes, as "physical activity can help students focus, improve behaviour and boost positive attitudes".

PHOENIX 5000

Our fitness classes recently participated in the Phoenix 5000 run on October 30th. 140 students trained for 6-8 weeks for this 5 KM event that takes place once each semester. For our students the Phoenix 5000 is all about setting goals and seeing hard work pay off as they achieve their own personal bests. Congratulations to all runners!

Phoenix 5000 medalists:

Girls

- Gold - Hyorin K. (21:17) new Northview record!
- Silver - Alice M. (23:27)
- Bronze - Ruby D. (23:28)

Boys

- Gold - Andrew V. (19:38)
- Silver - Rhylaus U. (20:01)
- Bronze - Brian H. (20:43)



CN TOWER UNITED WAY STAIR CLIMB

On Saturday, November 2nd, Mr. Tsai, Mr. Shook and Ms. Farmer joined a group of 22 Fitness students and participated in the annual CN Tower United Way Stair Climb. Our Fitness students were well-prepared for the challenge of climbing 144 flights of stairs! Way to go Phoenix!



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

