

# Knights' News

January 6th 2018.

**HAPPY NEW YEAR!**



## Recently, at Lo-Ellen Park Secondary School

## Academics

### Interdisciplinary Studies: EDIT Lab Unveiling



On Wednesday, December 20th, our EDIT Lab was officially unveiled. The event was well attended by students, RDSB staff, members of the media and our generous sponsors.

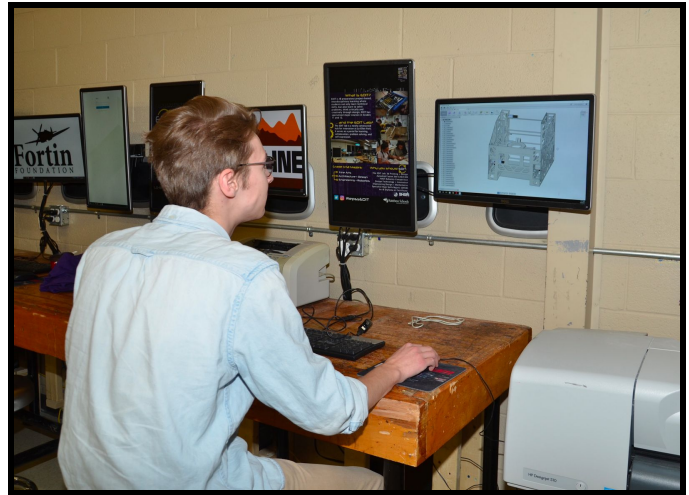
EDIT stands for Engineering, Design and Innovative

Technology, and is the home to our new interdisciplinary course, with more offerings planned for next year. Below is the official media release from Communications Officer, Nicole Charette:

## Maker Movement: Lo-Ellen Park launches innovative 21st century learning lab

It's hands-up for hands-on at Lo-Ellen Park Secondary School where students are being challenged to conceive, collaborate and create in a high-tech lab that officially opened on Wednesday, December 20, 2017.

A 21st century hub, the EDIT (Engineering, Design + Innovative Technology) Lab provides project-based interdisciplinary learning for students. It also complements the International Baccalaureate and Specialist High Skills Major programs at the school.



The state-of-the-art classroom features AutoDesk Fusion 360 CAD/CAM software, 3D printing and vinyl cutting, CNC manufacturing equipment, programming control systems and robotics, and rapid prototyping for woodworking, metalworking and fabrication.

Part of a constructivism approach to learning known as the Maker Movement, the EDIT Lab fosters an innovator mindset, where students gain understanding and skills by talking and tinkering.

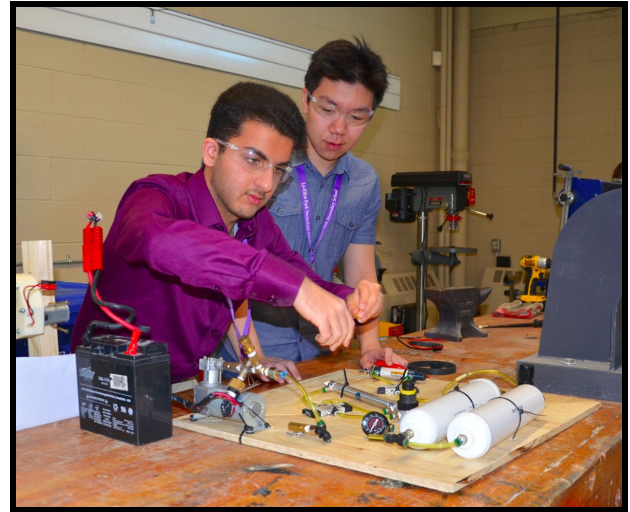


“We are proud to offer an incubator for ideas in a modern learning environment that immerses students in the world of technology,” says Lo-Ellen Park Secondary School Principal Jeff McKibbon. “Students bring their concepts to life from start to finish, allowing them to take pride and ownership in their creations. We are inspiring the next generation of engineers, designers, innovators and creators.”

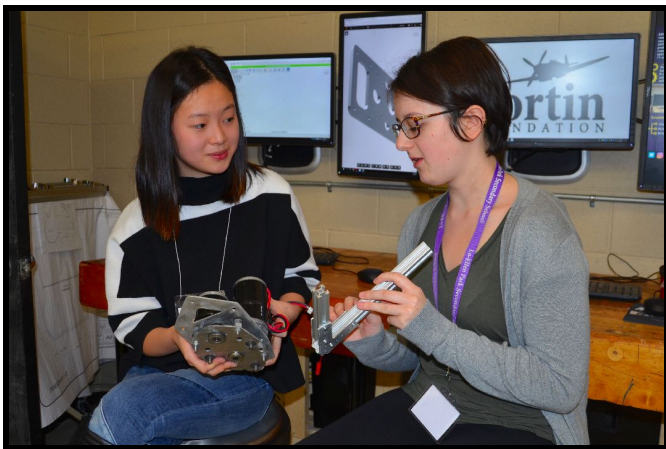
The Lab supports the new Engineering, Design and Innovation course introduced at Lo-Ellen Park Secondary School this fall. The

course was developed by Dan Monti, Program Leader of Mathematics, using an interdisciplinary approach. An engineer by trade, he leads the Lo-Ellen Park FIRST Robotics Team which won the honour to compete at the international level in recent years.

The Engineering, Design and Innovation course encourages students to get involved in the STEAM sector - Science, Technology, Engineering, Arts and Mathematics – and prepares students for engineering, design and technical studies programs in the university, college and apprenticeship pathways.



“The lab promotes a problem find and problem solve methodology,” says Principal McKibbin. “The goal is for students to think outside the box, using self-expression and creativity to guide their learning.” He adds: “We have forged meaningful partnerships with business and industry to make the experience that much more responsive and relevant. We would like to thank our partners for working with us to give students opportunities to let their imaginations soar.”



The EDIT Lab has been supported by local industry. Hatch Ltd, for instance, provided computer workstations, while the Fortin Foundation donated CNC equipment. In addition, a number of partners have offered technical services, expertise and mentorship to help inform new and innovative educational programming for students at Lo-Ellen Park Secondary School.

Partners include Ionic Engineering, Hard-Line Solutions, as well as Laurentian University’s Goodman School of Mines and Bharti School of Engineering. Lo-Ellen Park Secondary School offers Specialist High Skills Majors in various sectors. The Specialist High Skills Major is a specialized, Ministry of Education approved program that



allows students to focus their learning on a specific economic sector while meeting the requirements of the Ontario Secondary School Diploma (OSSD). SHSMs assist students in their transition from secondary school to apprenticeship training, college, university or the workplace.

These programs enable students to gain sector specific skills and knowledge in engaging, career-related learning environments, and prepare in a focused way for graduation and postsecondary education, training or employment.

## Student Services: Career Fair



On December 19th, Student Services hosted our annual Career Fair. Grade 10 students had the opportunity to attend 4 information sessions on different careers, hosted by professionals in a variety of fields. A sincere thank you to the community volunteers for spending the morning with us, and for ensuring that our students had a wide cross-section of careers to explore.

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## Annual Variety Show

Congratulations to the students from grades 7-12 who performed in our Variety Show, held on December 19th and 20th. Acts ranged from a cello performance to improv to holiday songs. On both nights, the packed audience was full of applause and laughter. Thanks to Ms. Darling and Mr. Taillefer for their direction and organization of the event. Look for photos of the show in the next edition of the newsletter.

# Athletics

## Swimming

From Ms. Gomm: The LEP swim team participated in the SDSSAA/NOSSA championship meet on Thursday December 14. Our girls placed first overall in the city, and our team placed second overall in the aggregate title. Lo-Ellen Park had our best finish in years, thanks to a large and enthusiastic team. A number of swimmers are headed to the OFSAA championship meet in Windsor at the end of February. Great job, Knights!

Notable finishes:

Malek Abou Rabia - 1st 200 free, 1st 100 back, 1st 200 free relay

Kelly Thompson - 2nd 100 free, 1st 50 free, 2nd 400 free relay

Mackenzie Fowke - 1st 200 medley relay, 2nd 200 free

Paris Macey - 1st 200 medley relay, 2nd 100 breast, 1st 200 free

Megan Tom - 1st 200 medley relay, 3rd 200 IM, 2nd 100 butterfly

Lauren Thomas - 1st 200 medley relay, 1st 100 IM

Ryan Tom - 2nd 200 IM, 3rd 100 butterfly, 2nd 400 free relay

Ethan Luetchford - 2nd 400 free relay

Ethan Thomas - 2nd 400 free relay

Rebecca Haferer - 1st 50 breast, 2nd 50 butterfly, 1st 200 free relay

Scott Baxter-Derro - 1st 50 free, 1st 100 free, 1st 200 free relay

Maija Neva - 50 free multi-class

Jordan Burke - 50 free multi-class

Tomas Asselin - 1st 50 butterfly, 1st 200 free relay

Georgia Speck - 2nd 50 free, 3rd 400 free relay

Mikayla Oommen - 3rd 100 free, 1st 200 free relay

Briana Endanawas - 1st 200 free relay

Colleen Gauvreau - 1st 200 free relay

Richard Phan - 1st 200 free relay

Sarah Ieropoli - 3rd 400 free relay

Aislinn Munro - 3rd 400 free relay

Anne Marie Sakki - 3rd 400 free relay

We are grateful to Coach Connor Watson for offering his time and expertise to coach our swim team. Thanks Connor!

## Cross-Country Skiing



Our Cross-Country Ski Team has grown! Here they are at LU during a training day before the holiday break. They have their first prelim race on January 11th. Go Knights!



# School Clubs & Community Connections

## Neo-Kids Fundraiser

On December 18th, we held the much anticipated teacher-student basketball game and annual 3 on 3 tournament in support of Neo-Kids. \$4000 from both events was raised!





## Reach for the Top

The Junior REACH FOR THE TOP team won their second of two tournaments this year, in even more convincing fashion than the last. Congratulations team!





# MADD Presentation

On December 20, LEPSS students from grades 7-9 assembled to hear from MADD Canada and Kim and Dean Hancock about the tragic effects of impaired driving. At the conclusion of the event Maria Best, a grade 12 student and advocate of the Safe Grade initiative, provided a fundraising donation of \$1672 to MADD Canada in order to help fund MADD's education campaign. Thank you to the Hancock family for their advocacy, to Mdme. Mongeon for organizing the morning, and to Maria for her leadership.



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# Upcoming Events

January 8th: Boys' Basketball Teams are at St. Charles

January 8th: Girls' Hockey Team is at Countryside

January 9th: Boys' Curling Team plays St. Charles

January 10th: Boys' Basketball Teams (Junior and Senior) are at St. Ben's

January 10th: Boys' Hockey Team plays Horizon

January 11th: Nordic Ski Race at Naughton

January 11th: Girls' Volleyball Teams play at home against L'Horizon

**January 16th: Information Night for students entering grade 7-9 at 7pm**

January 25th: Exams begin (please see schedule on the website)

February 2: PA Day

February 5th: First day of Semester Two

# Stay Connected!

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Visit our website: [loellen.rainbowschools.ca](http://loellen.rainbowschools.ca)

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