

Work on energy saving project drawing to a close

The English Montreal School Board's second major initiative aimed at bolstering energy efficiency in school buildings continues to move along nicely. This is a \$24.6 million project with financial support of \$9.9 million from Hydro Québec, Gaz Métro, the Ministry of Education and the Bureau de l'efficacité et de l'innovation énergétiques du ministère de l'Énergie et des Ressources naturelles. It has been focusing on 17 specific schools and centers and will conclude in May.

With work complete on the modernization of more than 20 boiler rooms, centralized control systems in every school and aerothermal energy and heat pump systems in nine buildings work is now proceeding on replacing 25,300 lights. All lighting fixtures are being converted from fluorescent to the latest in LED technology, which will save energy, last longer, and simplify maintenance while maintaining or enhancing lighting levels. This measure alone will account for \$9 million of the budget.

Besides projected savings of 40 to 60 percent in energy efficiency, the LED technology offers a better atmosphere. Because of their directional source, these lights produce an instant and maximum light, with grading options. In addition they are completely silent, which reduces noise disturbance caused by certain types of lighting. These advantages will allow students a better concentration, thus creating an environment conducive to learning. With its unrivalled life expectancy up until now, LED technology can function for up to 30 years in a school environment. This requires far less maintenance than any other technology. It is also important to note that this type of lighting doesn't contain mercury, unlike fluorescent tubes, nor does it produces any



Marymount Academy International lighting before (left) and after (right) the work undertaken by Énergère.

ultraviolet (UV) radiation. In high doses, the latter can be very harmful on human health.

The replacement of the lighting involves the following schools, with the number of lights in brackets: Rosemount High School (4,104) Pierre Elliot Trudeau Elementary School in Rosemount (596); Gerald McShane Elementary School in Montreal North (988); Dante Elementary School (591), John Paul I Junior High School (1,032) and Laurier Macdonald High School in St. Léonard (2,093); Royal West Academy in Montreal West (1,321); Leonardo Da Vinci Academy (788), Michelangelo International (810) and East Hill Elementary School (896) in RDP; St Gabriel Elementary School

in Pointe St. Charles (770); High School of Montreal Adult Education Centre in the Plateau (907); John F. Kennedy High School in St. Michel (3,632); Marymount Academy International (1,795) and Shadd Health and Business Centre in NDG (725); St Pius X Career Centre in Ahuntsic

technology that cut their energy bills by 47 percent. This amounted to an annual reduction of 2,480 tons of greenhouse gases and greatly reduced the EMSB's carbon footprint, equivalent to removing 765 cars from the road. The company optimized the heating network and ventilation, installed more efficient hot

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(725); and Roslyn Elementary School in Westmount (963).

Énergère's project follows up the first phase which occurred in 2009 when another company outfitted six schools with

water boilers, efficient lighting and heat recovery equipment which included geothermal heating and heat pump systems. This investment of \$8.4 million had an 11 year payback plan. ■

LE TEMPS DES FLEURS

A total of 320 Montreal elementary school choristers, a symphonic orchestra and renowned Quebec actor **Guy Nadon** have collaborated on a children's book/CD about the ancient Greek myth of Persephone and how the seasons came to be. *Le Temps des Fleurs, le Temps des Neiges* is a massive multi-disciplinary project culminating in the creation of a book/CD for children in French, which explores the ancient Greek myth of the Goddess Demeter, her daughter Persephone and the unbreakable bond that exists between a mother and her child. The EMSB is represented by six elementary schools: Gardenvue in St. Laurent, Pierre de Coubertin in St. Léonard, Edinburgh in Montreal West, Roslyn in Westmount, Royal Vale in NDG and Sinclair Laird in Park Extension. They are collaborating with École Socrates-Démosthène in Outremont. The project kicked off with a red carpet event in Laval. That was followed by a formal launch on November 11 at Victoria Hall in Westmount and a presentation at the Salon du Livre de Montréal at Place Bonaventure. Written by Canadian children's book author Glen Huser and adapted to French by **Jean Antonin Billard** and **Robert Paquin**, the book includes an operatic version of the story on CD, composed by Athens-based Giannis Georgantelis. Brilliantly illustrated by three time Governor General Award winning illustrator **Philippe Béha** and narrated by Nadon, *le Temps des Fleurs, le Temps des Neiges* is a collaboration of Panarmonia Atelier Musical with Quebec publishing house Planète Rebelle and Chroma Musika, in partnership with the Hellenic Community of Greater Montreal and the Hellenic Congress of Quebec. ■

UNE SURFEUSE DES NEIGES LIVRE SON MESSAGE

L'école Perspectives I a récemment accueilli la championne olympique canadienne de surf des neiges Caroline Calvé, qui s'est adressée aux élèves et au personnel enseignant. Caroline est la première et la seule athlète canadienne de sexe féminin à avoir remporté la Coupe du monde en surf des neiges alpin. Elle était membre de l'équipe canadienne de surf des neiges aux Jeux olympiques de Vancouver en 2010 et de Sochi en 2014. S'adressant à un groupe d'élèves très attentifs, elle a expliqué sa stratégie, plutôt inhabituelle. Athlète dès son plus jeune âge, elle a fait du ski alpin jusqu'à l'âge de 22 ans, avant de découvrir sa véritable passion, le surf des neiges. « Avez-vous un rêve, une passion? », a-t-elle demandé aux élèves, ajoutant que quand on fait ce qu'on aime, on oublie tout le reste et plus rien ne nous dérange. ■




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YOUR PHYSICAL EDUCATION TEACHER DESERVES TO BE APPRECIATED!

HELP THEM WIN A DINNER AT LA CAGE - BRASSERIE SPORTIVE

On the occasion of National Teacher Appreciation Day 2016 (Tuesday, May 3), La Cage wants to celebrate the great physical education teachers in your life. Nominate your, or your kid's, favourite physical education teacher to win a **\$100 gift card** to a La Cage location.

Please tell us why the person you are nominating is special and why they deserve a night out at LA CAGE. Entries can be emailed to snulman@emsb.qc.ca by April 18, 2016.

THE ENERGY EFFICIENCY PROJECT IN 17 OF THE EMBS BUILDINGS WILL BE COMPLETED IN MAY 2016!

53% 4070

OF ENERGY CONSUMPTION
REDUCTION

LESS TONES OF CO₂

WHAT A
PROJECT!

1.17M\$

OF ENERGY SAVINGS

25,300

OF NEW LED LIGHTS



Commission scolaire English-Montréal
English Montreal School Board



ENERGERE
Energy efficiency solutions

Help your teacher dine at

On the occasion of National Teachers Day, which takes place on May 3, 2016, P.F. Chang's Canada is calling upon parents and students to nominate their teacher to win a \$100 gift card.

In one paragraph, please tell us why your teacher is special and why they deserve a night out for dinner at P.F. Chang's. Entries can be emailed to express@emsb.qc.ca by April 14, 2016.

P.F. Chang's, an international unique brand of stylish, Chinese-inspired cuisine and upscale casual dining restaurant chain, made its debut in Canada almost two years ago. There are two Montreal area locations: one at Decarie and Jean Talon at the former Blue Bonnets Raceway plaza and another at Carrefour Laval.

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