



November 12, 2020

RE: Installation of HEPA air purifiers in 17 schools/centers

The Lester B Pearson School Board has recently purchased 420 HEPA air purifiers. The decision to purchase air purifiers as an additional tactic to reduce the risk of COVID-19 in our schools and centres. The primary strategies to reduce the virus spread are:

1. Stay at home and call 811 if they are not feeling well
2. Wear a mask
3. Physically distance
4. Wash your hands
5. Ventilation - Increase the flow of fresh air in buildings to dilute the concentration of infectious particles
6. Filtration - filter air to remove infectious particles.

All buildings are naturally or mechanically ventilated, or a combination of both. Naturally ventilated buildings bring fresh air through the windows and the doors. Mechanically ventilated buildings rely on fans to exhaust air from the building while louvers are opened to bring fresh air into the building. With cooling temperatures on the horizon, the LBPSB has been researching various alternatives to help support air ventilation- filtration in schools and centres.

Windows/doors will remain on a scheduled opening to bring fresh air into the buildings. Wherever possible mechanically ventilated buildings will have their filters upgraded to MERV 13 filters. Naturally ventilated buildings will have HEPA air purifiers installed to purify the air 5-times an hour.

The schools/centers that are partially or fully naturally ventilated and will receiving HEPA air purifiers are:

- Clearpoint elementary
- Dorset Elementary School
- Edgewater Elementary School
- Lakeside Academy
- Macdonald High School
- Mount Pleasant Elementary School
- Pearson Electrotechnology Center
- Place Cartier Adult Centre
- Saint Charles Elementary School
- Saint John Fisher Senior Elementary School
- Saint Patrick Elementary School
- Saint Thomas High School
- Sherbrooke Junior Elementary School
- Sunshine Academy
- Verdun Elementary School
- Westpark Elementary School
- Westwood Senior High School

We anticipate that all units will be installed by mid-December.

Regards,

Carol Heffernan