



**Central Okanagan
Public Schools**
Together We Learn

VENTILATION SYSTEM IMPROVEMENTS



FILTERS UPGRADED

MERV-13 filters installed in every school and portable classroom main ventilation system and capture 80-90% of particles. Only a very small number of secondary systems cannot accommodate MERV-13 filters.



AIRFLOW INCREASED

Increased the amount of outside air that comes into our facilities, ensuring six air changes of clean air (filtered or fresh) every hour.



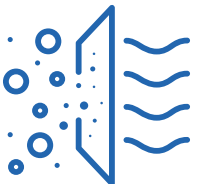
CO₂ SETPOINT LOWERED

Lowered the setpoint in all buildings with CO₂ sensors to ensure a higher concentration of outside air during occupancy.



FAN SPEEDS INCREASED

Set fan speeds in schools with variable frequency drives at 100% during occupancy, ensuring full air flow in the gymnasium and increasing the number of air changes that occur in the space to reduce chance of community spread.



HVAC HOURS EXPANDED

Expanded HVAC operating hours in all schools, ensuring schools are flushed with clean air before students arrive and after students leave.



OCCUPANCY SENSORS DISABLED

Disabled occupancy sensors for all classrooms, ensuring all classrooms will have the required six air changes of cleaned air, regardless of occupancy. This measure reduces the amount of stale aerosols in each room between classroom changes and breaks in the school day.