

# VENTILATION SYSTEM IMPROVEMENTS

We are committed to ensuring all heating, ventilation and air conditioning (HVAC) systems in our district are operated and maintained to their standards and specifications, so that they continue to work properly. We have taken these actions:



## CLOSELY MONITOR SYSTEMS

HVAC systems are regularly inspected, and concerns from schools/sites are investigated by our Facilities team.

We have also upgraded our building automation system by adding a dashboard which allows us to quickly identify any problem with HVAC systems and respond in a timely fashion to address.



## FILTERS UPGRADED

Where the equipment can accommodate, we have upgraded filters in our HVAC equipment to MERV-13s or where the equipment cannot accommodate, we have installed the next highest filter—either MERV-11s or MERV-8s.



## INCREASED AIRFLOW

The minimum outside airflow damper position has been adjusted from 10% to 25% to increase the amount of outside air that comes into our buildings.



## CO2 SETPOINT LOWERED

We have lowered the CO2 setpoint in all buildings with CO2 sensors from 1000ppm to 800ppm, ensuring we are bringing in a higher concentration of outside air to improve indoor air quality during occupancy.



## FAN SPEEDS INCREASED

Fan speeds in gymnasiums with variable frequency drives are set at 100% during occupancy to increase the total airflow entering the space and ensuring full air flow.



## HVAC HOURS EXPANDED

Expanded HVAC occupancy settings by 4 hours in all schools/sites, ensuring buildings are flushed with clean air before staff and students arrive and after they leave.