

Ventilation Upgrades

Staff and contracted mechanical engineer firms identified measures to apply across all schools that include installation of window fans and supplemental outside air intakes to equipment at various sites to maximize fresh air and improve the ratio of fresh air to recirculated air within the spaces.

The District has taken the following steps to meet ventilation safety measures for spaces as follows:

For unitary equipment – achieve 6 air changes per hour within the space or achieve 4 air changes per hour with enhanced filtration within the space or for buildings served by central systems that serve multiple classrooms target between 3-5 air changes per hour.

Implement Merv 13 filtration for recirculated air.

Increase outside air to 30% of the total ventilation air in all spaces, regardless of the air change rate. Decrease CO2 setpoints to 350 ppm in HVAC systems where they exist.

Establish a 2-hour pre and post-occupancy purge with 100% outside air where possible.

Implement an air purge between classes.

Verify HVAC systems are operating as designed via maintenance and commissioning.

For restrooms, kitchens and locker rooms with 100% make-up ensure the exhaust systems are running.

Signage will be placed on each classroom door to confirm it meets the recommended air quality standards and can be used for students OR that it does not meet the minimum standards and should not be used for any more than a couple of people. You can view classroom diagrams showing mitigation features [here](#).

PPE/Supplies

The following items have been procured and distributed to all sites to meet health and safety standards and help support our return.

Hand Sanitizer - Everything from 8 ounces to 1 gallon-sized container. All classrooms are supplied with hand sanitizer.

Face Coverings - We have fabric facemasks, 3-ply blue disposable facemasks, KN95's, clear face shields, and face shields with w/drapes.

Disinfecting Wipes - Each site is fully stocked with wipes.

Disinfectant Spray Bottles - Each site has enough "pop-up" style paper towel dispensers and disinfectant spray bottles for each classroom. We have additional stock on hand if needed.

Student Partitions - Each large school site has received 1,250 student partitions. Small schools each have substantial amounts as well. There's more than enough to support over 50% of students on campus at any one time.

Countertop Partitions - Requests for additional partitions for teachers' desks have been fulfilled, and all general public-facing" office countertop partitions have been installed.

Air Purifiers - Air purifiers have been distributed throughout the district to classrooms that require them to meet the CDC recommended air quality standards. If a classroom does not have one, it was determined that it does not need one to meet those standards.

Headsets (for students) - Earbud-style headsets in, similar to what you use with a cellphone in stock.

Headsets (for teachers) - Bluetooth wireless/wired combo noise-canceling headsets in stock. These have a 22 hour talk time, up to 50 feet wireless distance.

Webcams - Although most devices that teachers are using already have webcams built-in, some teachers may want a webcam to point at the classroom or at something they're describing in their classroom. We have Logitech C930e webcams in stock.

Tripods - Clamp-On style tripods with "bendy arms" so that teachers can mount them to whatever they want which will allow them to point the camera in any direction. The tripod can also be used as a document camera, as opposed to straight-on like a standard tripod.