

# **Bend-La Pine Schools COVID-19 Cleaning Protocols**

September 24, 2020

Routine cleaning and disinfecting are an important part of reducing the risk of exposure to COVID-19. Surfaces frequently touched by multiple people, such as door handles, desks, phones, light switches, and faucets should be cleaned and disinfected at least daily.

Maintaining a safe and healthy environment in our schools will require a collaborative effort between all school and district staff. Our custodial teams at each school will focus on the overall cleaning and disinfecting of the school throughout their work shifts, but they will need the help and support of all staff with cleaning high touch areas throughout the day.

## **Cleaning, Sanitizing, and Disinfecting Definitions**

**Cleaning** – cleaning removes dust, debris, and dirt from the surface by scrubbing, washing, and rinsing. Cleaning does not kill germs, but by removing germs it lowers their numbers and the risk of spreading infection.

**Sanitizing** – reduces bacteria on surfaces.

**Disinfecting** – destroys and inactivates both bacteria and viruses (e.g. influenzas, rhinoviruses) on hard, nonporous surfaces.

Example – A student has a bloody nose and drips blood on the desk. Cleaning is the initial wiping up of the blood off the desk surface and disinfecting is the chemical application of destroying and inactivating the bacteria and viruses in the blood.

## **Types of Viruses**

Three types of viruses –

1. Enveloped – are easiest to kill (e.g. Influenza A)
2. Large – non-enveloped – more difficult to kill (e.g. Rotavirus)
3. Small – non-enveloped – hardest to kill (e.g. Rhinovirus, Norovirus)

\* Coronaviruses are an enveloped virus, which have a thin membrane, making it one of the easiest viruses to clean and disinfect.

## **Cleaning and Disinfecting Products Used for COVID-19**

**Products used for custodial cleaning and disinfecting:**

**Orbio – Used in the evening by custodial staff and during the day in limited instances**

- Active ingredients – hypochlorous acid
- Cleaner/Disinfectant

**Suprox-D – Used in the evening by custodial staff and during the day in limited instances**

- Active ingredients – hydrogen peroxide, quaternary ammonia
- Cleaner/Disinfectant

## **Products used by staff:**

### **Suprox – Glass & Floor (Hydrogen Peroxide) – Used during the school/work day by all staff**

- Active ingredients – hydrogen peroxide (green seal certified)

## **Electrostatic Sprayers**

Electrostatic sprayers are not foggers or misters, they are directional and surface specific, battery operated, and electrostatically charged sprayers.

Electrostatic sprayers will be used by custodial staff and some specific, trained, teaching staff (PE, Band, Orchestra) to disinfect schools and equipment/instruments. Transportation staff will use electrostatic sprayers to disinfect buses daily.

Electrostatic sprayers will only be used when students and staff are not present. This system creates electrostatic Orbio that adheres to surfaces and will “wrap around” surfaces (under desks). Staff may not be required to wipe surfaces after spraying with this system.

## **Personal Protective Equipment and Training**

Custodians have been trained in the use of all cleaning and disinfecting products and equipment. All cleaning and disinfecting products will be labeled with ingredients and directions for use. Staff using electrostatic sprayers will be provided goggles and gloves for use when disinfecting. Gloves will be available as necessary upon request.

## **Storage of Cleaning and Disinfecting Products**

All cleaning and disinfecting products will be stored in concentration form in custodial closets behind locked doors.

## **Cleaning and Disinfecting Protocols During the School/Work Day**

Staff will only use approved cleaning products and supplies provided by the district custodial team. Staff will not purchase or bring from home cleaning or disinfecting products (bleach, Clorox wipes, etc.)

Disinfecting of high touch areas (desks, chairs, tables, door handles, etc.) by all staff should take place at a minimum twice a day (while students are at recess and while at lunch are preferable times). The collaborative effort of all staff helping out with disinfecting will ensure we are able to keep our schools clean and safe for our students, staff, and community.

Each classroom in our schools will be provided with approved cleaning products. This will include a flat mop handle, two microfiber flat mops, a spray bottle with Suprox Glass and Floor, and microfiber cloths. Each “wing” in the school will have a charge (clean) bucket and a discharge bucket for used mops. These cleaning products will be for all staff to help in wiping high touch areas throughout the day. Custodial staff will wash the microfiber towels and mops, refill the spray bottles and fill the charge bucket each day.

If playgrounds are used by students, staff will need to disinfect the playground equipment after each group of students uses the playground. Custodians will provide cleaning supplies, to

include pump sprayers of approved cleaning products for staff to use to disinfect the playground equipment.

Health rooms and isolation rooms will need to be disinfected regularly during the day by building staff.

Custodians will provide additional equipment for PE and music teachers to use for cleaning sports equipment and musical instruments.

Custodians will make several passes throughout the schools during the day, concentrating on the high touch areas and heavy student traffic areas.

### **Cleaning and Disinfecting Protocols After the School/Work Day**

After the school/work day, custodians will use electrostatic sprayers to disinfect all classrooms, restrooms, gyms, health rooms, music rooms, and other high traffic areas.

Health rooms and isolation rooms will be disinfected thoroughly by the custodial staff. Custodians will do a thorough disinfection of isolation rooms after any student or staff member with COVID-19 symptoms leaves the room.

### **Classroom Closure and Cleaning Protocols for Positive COVID-19 Case In a Single Cohort**

If there is a confirmed positive case of COVID-19 within a single cohort, the school district will consult with the Deschutes County Public Health (DCPH) agency to determine what areas of the school may need additional cleaning and disinfecting. When safe to do so, District custodial staff will clean the affected areas of the school with electrostatic sprayers and Suprox D.

School administrators will be prepared to relocate cohorts to other classrooms or repurposed learning spaces based on the advice of county health experts and their determination of when it is safe to begin using the exposed cohort classroom/learning space again.

### **Cleaning Protocols After a School-Wide COVID-19 Exposure**

In the event of a school-wide COVID-19 exposure, the school district will consult with Deschutes County Public Health experts to determine if the school needs to close, and the duration of the closure.

The district custodial supervisor will work with the county environmental health team to determine if any additional cleaning and disinfecting protocols are needed after a school-wide exposure incident. When safe to do so, District custodial staff will clean the affected areas of the school with electrostatic sprayers and Suprox D.

District and school administrators will consult with county health experts to determine when the school is safe for reopening to students and staff following a school-wide exposure incident.

The following additional cleaning and disinfecting protocols will be implemented in the event of a positive case of COVID-19 in one of our schools or district facilities:

- Notify and consult with the Deschutes County Public Health department to determine the scope of cleaning and disinfecting needed.
- Assemble the district's 10-person trained team with proper PPE
- Assemble the necessary cleaning and disinfecting equipment:
  - Ozone/Hydroxyl machines (large area air purifier)
  - Electrostatic sprayers (directional sprayers)
  - AM-15 Air assisted misting machines (large area air and surface disinfecting)

### **Top to Bottom Cleaning and Disinfecting**

- Using approved cleaners and disinfectants, the cleaning team will manually wipe down all walls, flat surfaces, desks, countertops, doors and door handles, chairs, floors, etc.
- After the manual wipe down, the team will use the electrostatic sprayer and misting machines, with approved disinfectants, to ensure the entire building/facility has been disinfected.
- Once the team is complete with the disinfection phase, the Ozone/Hydroxyl machines will be used overnight to purify the air.
- The district cleaning team will consult with Deschutes County Public Health officials to determine if any further cleaning or disinfecting procedures need to be taken, and what the timeline is for allowing staff and students to safely return to using the building.

### **Cleaning Protocols for Transportation**

Transportation staff will conduct cleaning of high touch surfaces (bus seats, door handles, guard rails, etc.), as time allows, between routes.

Transportation staff will clean and disinfect buses at the end of their shift using the approved cleaning and disinfecting products and equipment on which they have been trained.

Custodial services will coordinate with transportation staff to provide cleaning/disinfecting equipment (electrostatic sprayers) at schools throughout the day, so that transportation staff can clean/disinfect buses as necessary.

In the event that transportation staff need to isolate a student that is displaying symptoms of COVID-19 on their bus, the bus will return immediately after dropping students at their school to the transportation department for thorough cleaning and disinfecting. Transportation administrators will consult with county health experts to ensure that all cleaning and disinfecting protocols have been used and the bus is safe to transport students.

### **Additional Resources**

CDC Cleaning Guidelines - [CDC Guidelines for Cleaning Schools](#)

Instrument Cleaning Guidelines - [Instrument Cleaning Guidelines](#)

Outdoor/Playground Guidelines - [OHA Outdoor/Playground Guidelines](#)