



# Bus cleaning & Sanitation

*For school transportation after the pandemic*

Created by the Ohio Pupil Transportation Task Force  
June 30, 2020



© 2020 Ohio School  
Boards Association  
All Rights Reserved

OSBA leads the way to educational excellence by serving Ohio's public school board members and the diverse districts they represent through superior service, unwavering advocacy and creative solutions.



# The Ohio Pupil Transportation Task Force

- The task force is comprised of 30 school transportation professionals from Ohio's public schools. The members worked together to study transportation options, constraints, and needs as they pertain to the pandemic.
- The material presented by the task force is meant to serve as guidance, and to help local school district officials understand the options and constraints inherent in the restart of safe school transportation services.
- Within the task force the members focused on seven different aspects of pupil transportation services. Each of these focus areas has its own presentation.



# CDC Definitions

- **Cleaning removes germs**, dirt and impurities from surfaces or objects. Cleaning works by using soap (or detergent) and water to physically remove germs from surfaces. This process does not necessarily kill germs, but by removing them, it lowers their numbers and the risk of spreading them.
- **Sanitizing lowers the number of germs** on the surfaces or objects to a safe level as judged by public health standards or requirements to lower risk of spreading.
- **Disinfecting kills germs** on surfaces or objects. Disinfecting works by using chemicals to kill germs on surfaces or objects. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning. It can further lower the risk of infection.

*Sanitizing and disinfecting require the use of EPA registered pesticides or disinfecting/sanitizing water-based devices*



# Safety

- Use appropriate personal protective equipment (PPE) as specified by manufacturer's safety data sheets.
- Provide adequate ventilation while cleaning. (open doors and windows when possible)
- Dispose of used products and containers properly.
- **Do not** mix different products with each other, this could cause a serious chemical reaction resulting in illness or death.
- Use “Green” products when possible to reduce any possible health risk to students.



## Products not recommended for use on school bus surfaces

- Pure Bleach, on plastic surfaces
- Pure Hydrogen Peroxide, on plastic surfaces
- Pure or Diluted Bleach, on fabrics
- Ammonia based products, on plastic or vinyl



# Cleaning Protocols

- Start from back and work your way forward
- Clean heavily soiled areas and remove dirt
- Remove all trash
- Use the recommended dwell time for all products
  - Products must remain on the surface for a specified period of time in order to be effective
- Remove garbage and trash as frequently as possible
- Sample cleaning video link:  
<https://www.youtube.com/watch?v=85fqXAKIYIE>
- Sample electrostatic sprayer link:  
<https://www.youtube.com/watch?v=2P0G9O3WZqg>



# Cleaning and Sanitizing Guidelines

## **Risk Level Green-**

(little or no viral infection in community)

- Follow your school districts standard routine cleaning and disinfecting procedures.
- Immediately clean any areas that are visibly soiled, or any surfaces soiled with blood or bodily fluids
- Air out buses when not in use

## **Risk Level Yellow-**

(low viral infection in community)

- Clean and disinfect bus weekly
- Clean High touch areas as often as possible
- Sanitize at least daily
- Provide hand sanitizer to students and staff
- Air out buses when not in use
- Electrostatic Sanitizing or Ultraviolet if possible / At least weekly more often if possible



# Cleaning and Sanitation Guidelines

**Risk Level Orange-** viral infection rate is pronounced in the community

- Clean and Disinfect frequently touched surfaces after each run if possible
- Sanitize buses between each run
- Provide hand sanitizer to students and staff
- Provide for front to back airflow through bus
- Electrostatic /Ultraviolet Daily if possible

**Risk Level Red-** viral infection rate is increasing in the community

- Schools are closed, buses used for meal delivery to students
- Reduce exposure by delivering a weeks worth of meals at a time
- Clean and disinfect bus after each use



# Resources

- CDC: [www.cdc.gov](http://www.cdc.gov)
- EPA list N:  
<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2-covid-19>



# The task force members

- Kim Rogers, Madison Plains
- Pauletta Gemind, Norton
- Beth Cain, Piqua
- Greg Kelley, Pickerington
- Andreas Johansson, Streetsboro
- Meg Kaiser, Mayfield
- Nicole Kiser, Canton City
- Steve McElroy, Columbus
- David Leigh, North Olmsted
- Julia Cunningham, East Guernsey
- Doug Neading, Sandy Valley
- Scott Smith, Cleveland Heights/University Heights
- Toby Snow, Bowling Green
- William Peck, Huber Heights
- Sheila Dikowicz, Perry & Kirtland
- Alicia Swartzmiller, Fostoria
- Amy Salay, Dublin
- Heidi Means, Brecksville Broadview Heights
- Bill Andexler, Akron
- Robert Weinheimer, Columbus
- Glenna Romine, Plain Local
- Dan Grothouse, St Marys
- Tim Wagner, Three Rivers
- Richard Porter, Forest Hills
- Hollie Reedy, Ennis & Britton
- Bronston McCord, Ennis & Britton
- Doug Palmer, OSBA
- Will Schwartz, OSBA
- Pete Japikse, OSBA



OSBA was proud to serve as the host for this transportation task force.



Like us on  
**Facebook**

Ohio School Boards Association

follow us on  
**twitter**

@OHschoolboards

Visit our website at:  
[www.ohioschoolboards.org](http://www.ohioschoolboards.org)