Welcome to the school resource list for COVID-19 mitigation measures and information. This resource list includes information from the Pediatric Environmental Specialty Units (PEHSUs) and partners. The PEHSUs are a federally sponsored network of interdisciplinary pediatric environmental health specialists based at academic medical centers around the country. Together, we are working hard to provide the most up-to-date guidance around maintaining healthy school environments during the COVID-19 pandemic and going forward. This list of resources is for school administrators and personnel involved in enhancing in-door environments, reducing the transmission of SARS-CoV-2, and promoting health and well-being.

COVID-19

- [How it Spreads](https://www.cdc.gov/coronavirus/2019-ncov/about/transmission.html) (CDC)
- [Surface (Fomite) Transmission for Indoor Community Environments](https://www.cdc.gov/coronavirus/2019-ncov/community/worksites/possible-transmission.html) (CDC)
- [Frequently Asked Environmental Questions](https://www.pehsu-region7.org/resources/questions-and-answers) from schools (PEHSU - Region 7)
- [COVID-19 Vaccine Toolkit for Missouri Schools](https://mo.aap.org/covid-vaccine-toolkit) (MO Chapter AAP)

Cleaning and Disinfection

- [Clean Away COVID and Toolkit](https://www.asphn.org/cleanawaycovid) (ASPHN)
- [Safer Disinfectant use During COVID-19 Pandemic - Infographic, Factsheet, Schools, Videos](https://www.pehsu-region9.org/resources/safer-disinfectant-use) English and Spanish versions (PEHSU - Region 9)
- [Safer Disinfectant Use During the COVID-19 Pandemic](https://www.pehsu-region7.org/resources/safer-disinfectant-use) (PEHSU)
- [Safer Disinfectant Use Mini Webinar Series](https://www.aacmt.org/education-webinars) (ACMT and PEHSU)
- [Green Cleaning, Sanitizing, and Disinfecting](https://www.pehsu-region9.org/resources/green-disinfecting) (UCSF)
- [Green Cleaning, Sanitizing, and Disinfecting: A Toolkit for Early Care & Education](https://www.pehsu-region9.org/resources/green-disinfecting) (PEHSU - Region 9)
- [Cleaning and Disinfecting Your Facility](https://www.cdc.gov/coronavirus/2019-ncov/keep-workplace-clean.html) (CDC)
- [Safer Cleaning and Disinfection for Schools](https://www.turi.org/) (TURI)
- [Six Steps for Properly Cleaning and Disinfecting Your School](https://www.cdc.gov/coronavirus/2019-ncov/schools/school-cleaning.html) (CDC)
- [Disinfectants in Schools – A Conversation](https://www.epa.gov/sites/production/files/2020-10/documents/npic_disinfectants_schools.pdf) (NPIC)
- [COVID-19 and Safe & Effective Cleaning](https://www.wve.com/) webinar (foggers / misters / sprayers) (WVE)

Chemical Products

- [Quaternary Ammonium Disinfectants](https://www.pehsu-region5.org/resources/quaternary-ammonium-disinfectants) (PEHSU - Region 5)
- [Is Your Hand Sanitizer on FDA’s list of Products You Should Not Use?](https://www.fda.gov/consumers/ways-follow-fda-guidance-hand-sanitizers) (FDA)
- [Safer Choice](https://www.epa.gov/safer-choice) (EPA)
- [Design for the Environment Labels](https://www.epa.gov/safer-choice/design-environment-labels) (EPA)
- [List N: Disinfectants for Coronavirus](https://www.epa.gov/safer-choice/list-n-disinfectants-coronavirus) (EPA)
- [COVID-19 – Disinfecting with Bleach](https://www.epa.gov/safer-choice/covid-19-disinfecting-with-bleach) and video (MSU)
Healthy Buildings

Guide

- Healthy Buildings – Guide for Schools (PEHSU - Region 7)
- Healthy Building Design for Pandemics and Beyond (plexiglass) (CDC)
- Operational Strategy for K-12 Schools through Phased Prevention (CDC)
- COVID-19 Guidance for Schools (AAP)
- COVID-19 – Indoor Air Quality in Child Care Facilities (CEHN)
- How Do I Set Up My Classroom? A Quick Guide for Teachers (CDC)
- Mold in the Home and School (PEHSU – Region 6)

Reopening

- Guidance for School Re-opening during the COVID-19 Pandemic (CM)
- Healthy Buildings - Schools for Health – Risk reduction strategies for reopening schools (Harvard TH Chan School of Public Health)
- Missouri School Opening and Operating Guidance (DESE and DHSS)

Indoor Air Quality

- Rooted in Research: Reducing Viruses Transmission, Improving Ventilation and Promoting Healthy IAQ in Schools (EPA)
- Asthma-Friendly Schools: Strategies to Reduce the Risk of COVID-19 Transmission and Improve Indoor Air Quality (EPA and Region 7)

Hand Hygiene and Personal Protective Equipment

- When and How to Wash Your Hands (CDC)
- Hand Sanitizers (ACMT and PEHSU)
- Know How to Wear Your Face Mask Correctly video (CDC)
- Use Personal Protective Equipment Correctly for COVID-19 video (CDC)

Ventilation

Filtration

- Heating, Ventilation, and Air Conditioning Systems (PEHSU - Region 7)
- Ventilation in Schools and Childcare Programs (CDC)
- Ventilation Basics for Childcare Settings (CEHN and PEHSU)
- Healthy Indoor Environments in Schools: Plans, Practices and Principles for Maintaining Healthy Learning Environment webinars (EPA)
- A National Conversation on Indoor Air & K-12 Schools During the COVID-19 Pandemic (John Hopkins, Bloomberg School of Public Health)
- Damp Buildings, Human Health, and HVAC Design (ASHRAE)
School Resource List

Devices
- ASHRAE Position Document on Filtration and Air Cleaning
- Filtration & Disinfection (ASHRAE Epidemic Task Force)

Additional Resources
- Choosing Safer Activities (CDC)
- Cleaning and Disinfecting Your Home (CDC)
- Healthy Homes Guide to Cleaning and Disinfection and Toolkit (NCHH and NEHA)
- Interim Public Health Recommendations for Fully Vaccinated People (CDC)
- Schools and Child Care Programs (CDC)
- Environmental Health and COVID-19 Resource Library (NACCHO)

Acronyms

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<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>AAP</td>
<td>American Academy of Pediatrics</td>
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<tr>
<td>ACMT</td>
<td>American College of Medical Toxicology</td>
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<td>ASHRAE</td>
<td>American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.</td>
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<td>ASPHN</td>
<td>Association of State Public Health Nutritionists</td>
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<tr>
<td>CDC</td>
<td>Centers for Disease Control and Prevention</td>
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<td>CEHN</td>
<td>Children’s Environmental Health Network</td>
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<td>CM</td>
<td>Children’s Mercy Hospital</td>
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<td>COVID-19</td>
<td>Coronavirus Disease</td>
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<td>DESE</td>
<td>Missouri Department of Elementary and Secondary Education</td>
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<td>DHSS</td>
<td>Missouri Department of Health and Senior Services</td>
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<td>EPA</td>
<td>Environmental Protection Agency</td>
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<td>FDA</td>
<td>Food and Drug Administration</td>
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<td>MSU</td>
<td>Michigan State University</td>
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<td>NACCHO</td>
<td>National Association of County and City Health Officials</td>
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<td>NCHH</td>
<td>National Center for Healthy Housing</td>
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<td>NEHA</td>
<td>National Environmental Health Association</td>
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<td>NPIC</td>
<td>National Pesticide Information Center</td>
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<td>PEHSU</td>
<td>Pediatric Environmental Health Specialty Unit</td>
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<td>SARS-CoV-2</td>
<td>Severe acute respiratory syndrome coronavirus 2</td>
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<td>TURI</td>
<td>Toxics Use Reduction Institute</td>
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<td>UCSF</td>
<td>University of California San Francisco</td>
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<tr>
<td>WVE</td>
<td>Women’s Voices for the Earth</td>
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Mid-America Pediatric Environmental Health Specialty Unit

We hope this list of school resources is beneficial and provided for reliable informational purposes and should not be considered as support or endorsement of any specific product or recommendations.

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