



Cleaning Protocols for Germs in the Classroom



As we're in the midst of cold and flu season, it's time for us to be even more conscious of the harmful germs that pop up this time of year—which means stepping up your cleaning conduct and approaching germs in the classroom and at home the right way. To understand how to properly kill bacteria on the surfaces teachers and students encounter every day, it's important to recognize how they got there and how to keep them at bay. Here are three **Healthy Habits** tips from Lysol and the National Parent Teacher Association to keep in mind this time of year:

Know the difference between cleaning and disinfecting.

According to the CDC¹, cleaning and disinfecting are part of a broad approach to preventing infectious diseases in schools. But what is the difference between these two methods?

- ◆ **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 infection.
- ◆ **Disinfecting kills germs** on surfaces or objects. Disinfecting works by using specialized products 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 spreading infection. Lysol Disinfectant Spray and Lysol Disinfecting Wipes can be used to eliminate germs on commonly-touched hard and soft surfaces.

Don't underestimate the impact of germs on a classroom desk.

According to a recent research study led by Yale University and the University of Tulsa, harmful bacteria and fungi are commonly discovered in indoor environments. What's more? Our bodies are common sources for bringing them in². Taking it a step further, when the researchers specifically explored classrooms and desk surfaces, their work revealed that keeping the desks clean significantly reduced the bacteria found on surfaces. A study by the University of Arizona reported that uncleaned classrooms, as opposed to those cleaned daily with a disinfectant, result in students who are more likely to be absent due to illness³. A more recent study published by researchers from University of Florida reported, the frequently touched surfaces of a classroom that are cleaned daily in the morning contained a cold causing virus, which highlights redeposition of the virus post-cleaning, an ineffective cleaning regimen used and the need to disinfect high-touched surfaces multiple time during the day⁴. Lysol Disinfecting Wipes kill 99.9% of germs including the cold and flu virus, which can live on hard surfaces for up 48 hours a day.

Remember that kids bring germs home from school, too.

Just as children can bring germs into the classroom, germs can also be transmitted from school to home— consider your child's backpack that sits on the school bathroom floor and then on your kitchen countertop, or the classroom door knobs your child touches before they use the television remote at home. Cleaning practices at home are just as critical as those that should be practiced in the classroom. After all, the places that need the most cleaning are also the places your family spends the most time—whether that's in the house or school!

¹Centers for Disease Control and Prevention (CDC): How to Clean and Disinfect Schools to Help Slow the Spread of Flu, July 31, 2018

²Journal of Applied Microbiology: The reestablishment of microbial communities after surface cleaning in schools

³The Journal of School Nursing: Occurrence of Bacteria and Viruses on Elementary Classroom Surfaces and the Potential Role of Classroom Hygiene in the Spread of Infectious Diseases

⁴American Journal of Infection Control: Isolation and identification of human coronavirus 229E from frequently touched environmental surfaces of a university classroom that is cleaned daily