Technical & Adult Education Re-Entry Guidance
Shop/Lab Sanitation

CTE Shop/Lab Sanitizing Procedures

The recommendations below are current OSHA and CDC guidelines for sanitization of CTE Shop/Lab settings and should be followed for cleaning tools, equipment, and work areas to help prevent the spread of Covid-19. In addition to following these recommended sanitation practices, schools are encouraged to supplement students' normal education and preparation with additional training and information about COVID-19, including recognizing signs and symptoms of infection and ways to prevent exposure to the virus. Schools can also utilize a school nurse to provide this educational component for CTE programs.

Before Students Return

Schools should thoroughly clean all surfaces and tools/equipment within shops/labs to ensure all items are clean prior to arrival of students. For disinfection, most common EPA-registered household disinfectants should be effective, therefore schools can utilize the typical cleaners they have readily available. Follow the manufacturer's instructions and label directions when using cleaning and disinfection products (e.g., concentration, application method and contact time, etc.). A list of EPA-approved products that are effective against the COVID-19 virus is available at https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2-covid-19.

Upon Students Return

Basic Hygiene for Students

- Give students access to soap, clean running water, and single-use paper towels for handwashing.
- Provide alcohol-based hand sanitizers (containing at least 60% alcohol) if soap and water are not readily available.
- Place hand sanitizers in multiple locations to encourage safe, hand hygiene. If possible, provide hand sanitizer stations that are touch-free.

Cleaning Protocols for a School with ZERO Confirmed Cases

- Routinely clean and disinfect surfaces and objects that are frequently touched, including objects/surfaces not ordinarily cleaned daily (e.g., doorknobs, light switches, classroom sink handles, countertops). For disinfection, most common EPA-registered household disinfectants should be effective, therefore schools can utilize the typical cleaners they have readily available. Follow the manufacturer's instructions and label directions when using cleaning and disinfection products (e.g., concentration, application method and contact time, etc.). A list of EPA-approved products that are effective against the COVID-19 virus is available at https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2-covid-19.
- For tool-intensive lab settings, schools should ensure tools are regularly cleaned and disinfected, as often as students change workstations or move to a new set of tools. Be certain to cross reference owner/operator manuals to ensure cleaning agents can safely be used on tools and equipment.
- Provide EPA-registered disposable wipes to teachers and staff so that commonly used surfaces such as keyboards, desks, remote controls can be wiped down before use.
- Ensure there are adequate supplies to support cleaning and disinfection best practices.

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Cleaning Protocols for Schools with POSTIVE Case(s)

- Clean and disinfect thoroughly.
- Close off areas used by those infected and wait as long as possible before beginning cleaning and disinfecting the area(s) to minimize potential exposure to respiratory droplets. Open outside doors and windows to increase air circulation in the area(s). If possible, wait up to 24 hours before beginning cleaning and disinfection.
- Custodial staff should clean and disinfect all areas used by the ill persons, including high touch surfaces (e.g., work areas, tool rooms, workstations, etc.).
- Surfaces that are dirty should be cleaned using a detergent/soap and water prior to disinfection.
- For disinfection, most common EPA-registered household disinfectants should be effective.
    - A list of EPA-approved products that are effective against the COVID-19 virus is available at https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2-covid-19. Follow the manufacturer's instructions for all cleaning and disinfection products (e.g., concentration, application method and contact time, etc.).
    - Additionally, diluted household bleach solutions can be used to disinfect if appropriate for the surface. Follow manufacturer's instructions for application and proper ventilation. Check to ensure the product is not past its expiration date. Never mix household bleach with ammonia or any other cleanser. Unexpired household bleach will be effective against coronaviruses when properly diluted. Prepare a bleach solution by mixing:
        - 5 tablespoons (1/3rd cup) bleach per gallon of water or
        - 4 teaspoons bleach per quart of water
- Additional information on cleaning and disinfection of community facilities such as schools, can be found on CDC's website.

WVDE Contact: If you have questions or need additional information on CTE Shop/Lab Sanitizing Procedures, please contact Nathan Taylor at netaylor@k12.wv.us or Frank Tetrick at ftetrick@k12.wv.us.