

# Green Clean Schools Track at ISSA/INTERCLEAN

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# Infection Control Program Considerations: From Development to Implementation

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# Infectious Diseases Commonly Found In Schools

- **Common cold** – spread by cough, sneeze and contact with objects where microbes have landed
- **Diarrhea illnesses** – spread by fecal-oral contact, consuming food or drinks contaminated with feces, touching diarrhea or vomit, or breathing air in the same room where someone has just vomited.
- **Mononucleosis** – spread by mouth to mouth contact - sharing drinks, drinking cups, and other shared objects.
- **Strep throat** – spread by cough, sneeze and contact with objects where microbes have landed.
- **Flu strains** – spread by cough, sneeze and contact with objects where microbes have landed.

# Key Infection Control Measures!

- Immunizations
- Stay Home When Sick
- Building Occupant Personal Hygiene
  - Proper Hand Hygiene
  - Cough Etiquette and Respiratory Hygiene
  - Distancing Procedures – keep a 3' to 6' distance from others who are sneezing or coughing
  - Non-Sharing Practices – no sharing towels, food, or drinks
- Proper Cleaning & Disinfection Practices



# The Essentials of a Successful C&D Policy

## 1. Know the difference between cleaning, disinfecting, and sanitizing

**Cleaning** removes germs, dirt, and impurities from surfaces or objects.

**Disinfecting** kills germs on surfaces or objects.

**Sanitizing** lowers the number of germs on surfaces or objects to a safe level, as judged by public health standards or requirements.

# The Essentials of a Successful C&D Policy

## 2. Clean and disinfect surfaces and objects that are touched often

These are surfaces that are frequently touched by a *variety* of hands.

Examples:

- a shared computer mouse and keyboard
- shared musical keyboards and instruments
- shared desks
- doorknobs, elevator buttons, light switches, door push bars, handrails
- faucet handles, toilet handles, toilet stall door locks, towel dispensers, hand driers
- school bus doors and railings
- coffee pots, microwave doors, refrigerator doors, cafeteria trays and tables

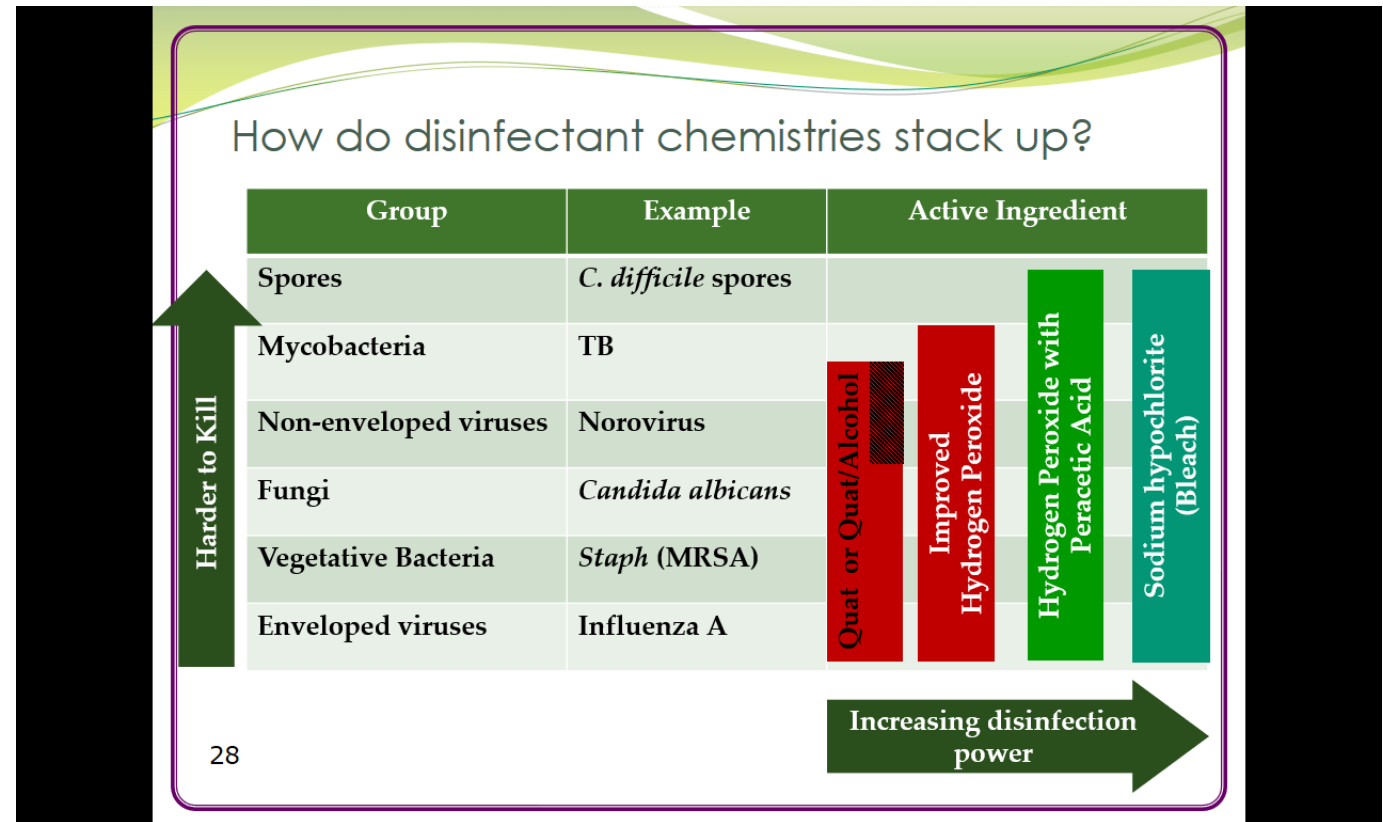
# The Essentials of a Successful C&D Policy

## 3. Simply do routine cleaning and disinfecting

Match C&D activities to the type of germs you want to remove or kill

## 4. Clean and disinfect correctly

Per manufacturers instructions  
Dwell times



# The Essentials of a Successful C&D Policy

## 5. Use products safely

- consider less toxic but effective disinfectants
- Follow instructions and review SDS sheets
- Training and education
- Never put disinfectants in the hands of children
- Never allow faculty to bring in their own products



## 6. Handle waste properly



# Conducting an Infection Control Risk Assessment:

Determining  
Technologies, Policies and Procedures

# Form a Committee

Bring together a diverse group

Network with other districts

Consult 3<sup>rd</sup> party experts

Get baseline data

Bata Testing- Pilot program

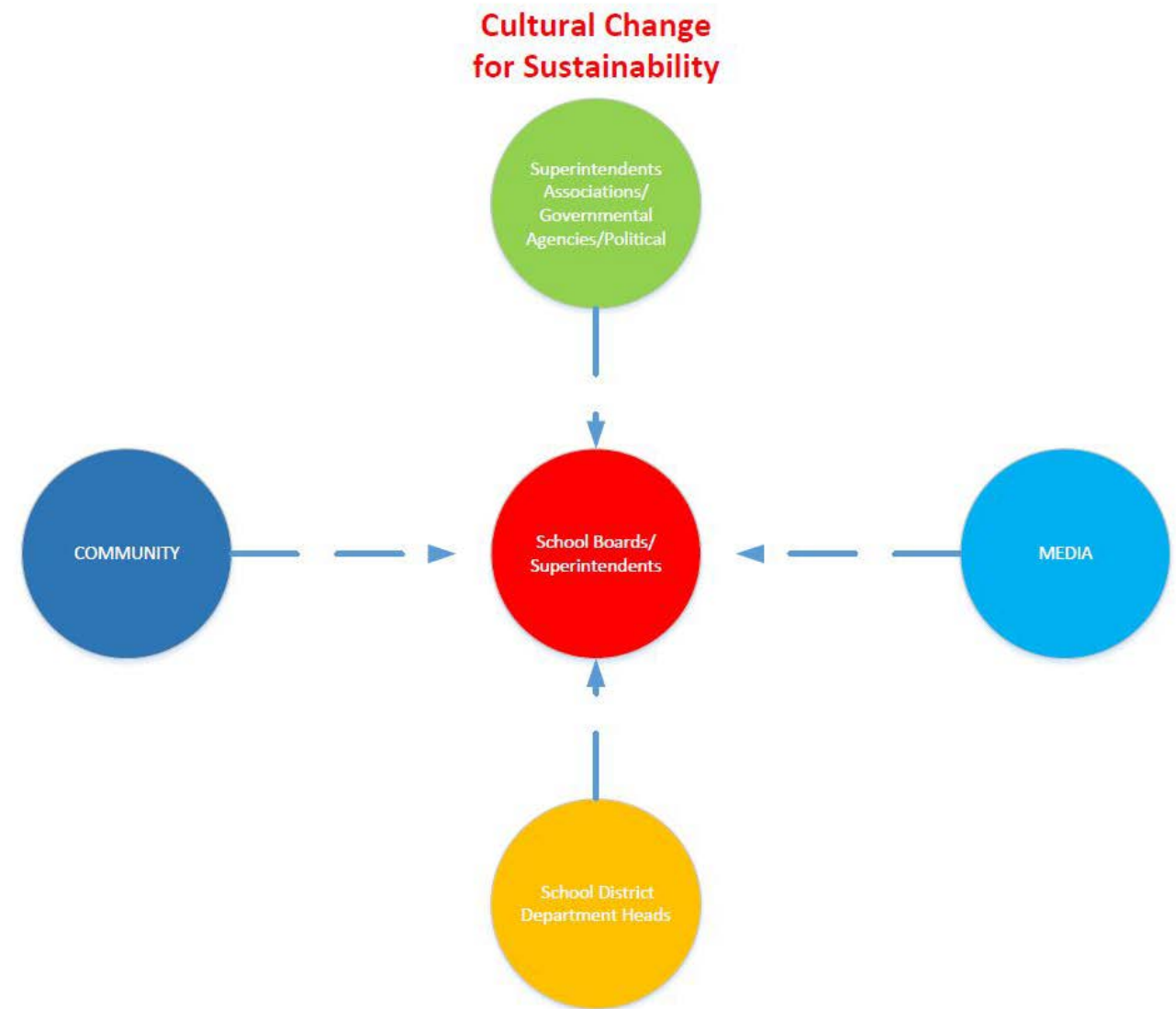


# Establish a written plan/petition for change

Make it a practice

Try to get unilateral policy

Get the word out: community, Superintendent's association, District department heads, Media- to put pressure on school board/Superintendents



# Communication/ Training/recordkeeping

Facilities staff, building admin/staff; occupant education, goal setting, readily accessible data and info.



# Determine Technologies/procedure

How “Green do you want to be?”

Budget considerations: upfront,  
long-term.

Efficiency/practicality

Effectiveness



# Thank You!



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# Infection Control Policies & Procedures

## From Development to Implementation

# Blood-borne Pathogen Exposure Control Plan

- Use universal precautions for cleaning up blood or other infectious material. (Consider all blood and bodily fluids as infectious.)
- Personal Protection Equipment (PPE)
- Decontamination procedures, equipment and disposal
- Procedures for sharps handling and feminine sanitary products disposal.
- Require that all employees are offered Hepatitis B vaccination.



# Biohazardous Waste Management Plan

- Lab waste
- Autoclave waste
- Animal waste

# General Practices in K-12 Schools & Higher Education Institutions

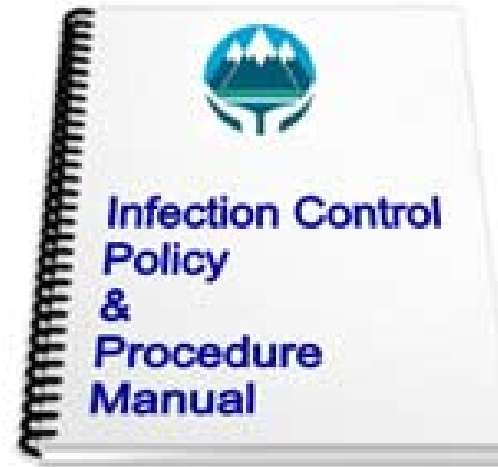
- Disinfecting and sanitizing restrooms
- Emphasize human touch points during flu season
- Outbreak response plans (Mumps, for example)
- Work closely with emergency management & environmental health & safety.
- ATP testing (Adenosine Triphosphate)
- Hand-washing

# Identifying Best Practices

Industry Q&A

# Audience Poll

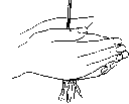






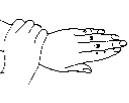
- How many schools facility folks in the room?
- How many have a written Infection Control Policy?
- How many have an unwritten Infection Control Policy?



## Handwashing Technique

Wash hands using the following 8 steps.

Each step consists of five strokes rubbing backwards and forwards.

1. →  1. Wet hands under running water. Take a measure of soap.
2. ←  2. Work into hands, palm to palm.
3. →  3. Right hand over back of left and vice versa.
4. ←  4. Rub palm to palm, fingers interlaced.
5. →  5. Back of left fingers to right palms, fingers interlocked and vice versa.
6. ←  6. Rotational rubbing of right thumb clasped in left hand and vice versa.
7. →  7. Rub left palm with clasped fingers of right hand and vice versa.
8. ←  8. Left wrist with right hand and vice versa.

Rinse hands under running water and dry thoroughly

West Midlands Regional Group of the Infection Control Nurses Association

# Audience Feedback

- For those with an Infection Control Policy, what was your biggest challenge with implementation?
- During the implementation process, on which component of the policy was it most challenging to reach consensus?



# Audience Feedback cont...

- For those with an Infection Control Policy, does your policy provide for communication between nursing and facilities?
- If so, how does that work? Can you share an example of how positive communication between the 2 departments affected a positive outcome?



# Thank You!

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