ANDERSON PEST SOLUTIONS® STANDARD OPERATING PROCEDURES FOR SCHOOLS & DAYCARE

Anderson is committed to reducing pesticide use while maintaining a pest-free environment within schools and child care facilities. Our Integrated Pest Management (IPM) system eliminates regular pesticide application and combines several strategies to achieve long-term solutions.

Emphasis is placed on inspection and communication with the facility administration. The focus of the program is to identify and eliminate conditions inside and outside of the facility that could cause pest problems. **Non-chemical devices will be used to help monitor for and control pests. As a last resort, applications of least hazardous materials may be made to eliminate a pest problem in the safest manner possible.**

***Head lice is a medical problem and does not require the use of pesticides.***

## Facility Types

This procedure applies to the following facility types:

- Pre-Schools
- Kindergarten
- Grade Schools
- Middle Schools and Junior High Schools
- High Schools
- Child Day Care Center
    - Includes public and private daycare centers in churches, homes, colleges and private institutions

## Regularly Inspected Areas

The following areas are inspected for the presence of pests and conditions that may favor pest activity:

- Cafeteria, Lunchroom, Staff Lounge, Home Economics Room
- Mechanical/Engineering Room, Janitor Closets
- Boiler Room, Tunnels, Crawlspaces
- Restrooms, Locker Rooms
- Classrooms on a Request or Follow-up Basis
- Areas with a History of Pest Infestation
- Exterior

## Escalation Procedures

The following escalation procedures will allow Anderson to provide these facilities with a pest-free environment while alleviating the concerns of parents, teachers and administrators.

### 1. Exclusion and Elimination of Conducive Conditions

Once the pest is identified, remove the condition that may allow pest entry or contribute to their survival. Examples include but are not limited to:

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*Exterior*

- Create 2 feet of space between structure and vegetation
- Remove clutter from the building
- Replace mulch with fabric weed barrier and pea gravel
- Pest proof base of all entry doors including sheds and garages with brush sweeps
- Seal gaps around all utility lines and pipes entering the facility
- Ensure window screens and vents are in good repair and of adequate gauge
- Remove spider webs and paper wasp nests from soffits and overhangs
- Keep roof and gutters in good repair
- Modify exterior lighting as not to attract flying insects and spiders
- Keep dumpsters repaired, cleaned, and far from the school entrance and play areas

*Structure*

- Seal small cracks and crevices with silicone sealant
- Repair grout in floor tiles where water or food can accumulate
- Apply bacterial cleaner to digest organic matter in drains and floors
- Keep surfaces dry and maintain adequate ventilation
- Remove garbage and recycled goods on a daily basis
- All supplies and stock should be stored at least 18" from the wall and 12" from the floor
- Remove or vacuum spider webs

**2. Non-Chemical Monitors and Traps**

Install and maintain non-chemical monitors and traps. These may trap pests, but primarily serve as data collection devices that shall direct a course of action. This step may be applied in addition to first step. These devices may include:

- Exterior tamper-resistant stations with snap-traps only
- Multiple catch rodent traps to monitor and capture rodents inside the facility
- Insect glueboards to monitor crawling insects
- Temporary snap-trap stations for increasing rodent activity in discreet locations
    - ***No peanut butter shall be used in any facility***
- Bottle traps to reduce yellowjacket activity near the dumpster area
- Insect light traps (ILT's) to control flying insect pests once they enter the building
- Insect pheromone traps to monitor and capture stored product pests
- Live traps for the humane removal of pest birds and wildlife

**3. Use of Least Hazardous Materials**

If the previous steps have been exhausted and control is not achieved, Anderson Pest Solutions will use the least hazardous materials (insect gels and granular baits). In the case of roach and ant activity, this step may be applied in addition to first two steps.

- Materials will only be used to correct an existing problem.
- Materials will only be applied in areas when and where children are not present.
    - In daycare facilities, children must not return to the treated areas within 2 hours of application.

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***State Specific Requirements:***

- ***Indiana:*** School required to provide 2-day notice to parents for granular bait *(and to School Nurses)*
- ***Wisconsin:*** School required to post application sign at normal points of access to areas treated at application and up to 3 days after for any EPA-registered product
- ***Illinois, Michigan & Missouri:*** No notice required

**4. Use of Rodenticide**

Rodenticides shall only be used for active rat burrows – ***Anderson Management Permission Necessary before a Rodenticide treatment at a school or daycare***

***State Specific Requirements:***

- ***Indiana:*** School required to provide 2-day notice to parents *(and to School Nurses)*
- ***Wisconsin:*** School required to post application sign at normal points of access to areas treated at application and up to 3 days after for any EPA-registered product
- ***Illinois, Michigan & Missouri:*** No notice required

**5. Use of Insecticide Sprays and Dusts**

Insecticide sprays and dusts shall not be used inside or outside any facility unless there is an imminent threat to the children or when a specific pest necessitates this type of treatment (i.e. bed bugs). Measures will be taken to ensure the material is applied in the safest manner possible.

a. Emergency Notification (Stinging Insects)

***State Specific Requirements:***

- ***Indiana & Illinois:*** School required to provide Emergency Notice to occupants ASAP after treatment *(and to School Nurses, in Indiana)*
- ***Wisconsin:*** School required to post application sign at normal points of access to areas treated at application ASAP after treatment
- ***Michigan:*** School required to provide Emergency Notice in common areas, e-mail, phone or on website ASAP; post application sign at access points after treatment
- ***Missouri:*** No notice required

b. 2-Day Notification

***State Specific Requirements:***

- ***Indiana & Illinois:*** School required to provide 2-day notice to parents *(and to School Nurses, in Indiana)*
- ***Wisconsin:*** School required to post application sign at normal points of access to areas treated at application and up to 3 days after for any EPA-registered product
- ***Michigan:*** School required to 2-day notice in common areas, e-mail, phone or on website and post 2-day advanced posting at access points prior to treatment
- ***Missouri:*** No notice required

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## Communication and Documentation

Existing problems, conducive conditions, monitor results and corrective recommendations will be made verbally and in writing. Anderson Pest Solutions will provide an inspection report that highlights:

- Areas inspected
- Activity and recommendations using "School Sanitation and Structural Recommendations"
- The name and quantity, if any, of pest control material(s) applied in each area
- Necessary upgrades in equipment and service

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## Bed Bug Plan for Schools & Daycare

Bed bugs are generally introduced into the school and daycare environment by students, staff and other visitors. ***Although there is no guaranteed way to prevent bed bug activity, Anderson Pest Solutions will work with school and daycare personnel to help minimize the introduction and spread of bed bugs.*** When a bed bug is believed to be found in the school and daycare environment, Anderson recommends the following plan *(Note: the steps below may need to be modified to meet your particular needs)*:

1. Call Anderson Pest Solutions immediately to schedule a service visit to determine whether or not the insect is a bed bug

2. Isolate the area and/or items in question until Anderson has determined whether or not the insect is a bed bug
    a. Place the insect into a sealed container (i.e. jar, zip lock bag, etc.)
    b. Put clothing, books and/or other miscellaneous items into a sealed white trash bag
    c. Lock room / area and post sign (for example: "Room Closed - Do Not Enter")

3. If a bed bug is positively identified by Anderson and it is determined by Anderson and/or appropriate school staff that the bed bug was introduced to the school by a certain student, staff or visitor, this individual (and his/her belongings) should be sent home and Anderson recommends the school / daycare not allowed back the individual until his/her home has been inspected (and/or treated) by a reputable pest control company and the bed bug infestation, if present, has been treated.

4. If possible, identify the areas of the school or daycare where the individual has been and allow Anderson to perform a cursory bed bug inspection of these areas.

5. Most bed bug activity in the school & daycare environment is a low-level infestation (1-15 bed bugs). Anderson recommends the avoidance of chemical treatment in classrooms, if possible.
    a. School should completely clean and sanitize the areas in question
    b. Work with Anderson to determine the appropriate treatment option: 1) Conventional Chemical or 2) Heat Remediation
    c. Anderson treats areas of infestation. If possible, bag up and move the infested item (i.e. chair or desk) to an area unoccupied by students (i.e. maintenance, etc.) for treatment
    d. If treating areas where students/children regularly occupy, students/children should not be present during the treatment and for at least 24 hours after treatment.
    e. Remember to follow notice requirements, if applicable, to parents and occupants as outlined above. ***Bed Bug treatment is <u>not</u> considered Emergency, per notice requirements above and requires ample preparation for best results.***
    f. Anderson to perform a follow-up inspection of the areas at least 24 hours after the treatment or verified sighting by Anderson.

6. Anderson recommends the use of a Bed Bug Canine Inspection after the treatment and on an on-going basis (Monthly, Quarterly or Bi-Annually). Anderson recommends a school and daycare utilize a bed bug canine company with the following:
    a. Extensive dog handling experience
    b. Train their dogs ***<u>daily</u>*** on scent discrimination
    c. NESDCA (National Entomology Scent Detection Canine Association) Accredited