



LAUSD
UNIFIED

Integrated Pest Management Basics Training

LOS ANGELES UNIFIED SCHOOL DISTRICT

Integrated Pest Management (IPM) POLICY

- Adopted in March 1999 by the Board of Education to address pest problems on District property.
- The purpose is to protect the health and safety of students, faculty and other staff, and anyone else who may come on District property.
- Outlines a risk-mitigating approach to pest management, including non-chemical practices. If pesticides are necessary, lower-risk products are employed.
- **ONLY** an LAUSD Pest Management Technician (PMT) licensed through the California Structural Pest Control Board (CSPCB) may transport and apply District-approved products.

Please review full policy at <https://www.lausd.org/Page/18939>

PESTICIDES

- What is a pesticide?
 - Any substance intended to prevent, destroy, repel, or mitigate any pest.
 - Examples: - Insecticides Herbicides
 - Rodenticides Antimicrobials

Plant nutrients and fertilizers containing weed-control chemicals are considered pesticides.
- Please note: **LAUSD DOES NOT PRACTICE THE USE OF ANY HERBICIDES.**
- **Using Antimicrobial Pesticides**
 - Does not require CSPCB licensing.
 - Disinfectants and sanitizers require annual training on LAUSD MYPLN: DPR-101-Basic IPM For the Classroom and The Office Environment

STUDENTS

- Spend approximately 1100 hours in school buildings.
- Children's biological systems are not fully developed, and they can be negatively impacted by chemicals.
- Reducing or eliminating exposure to pest control chemicals will minimize student injury.

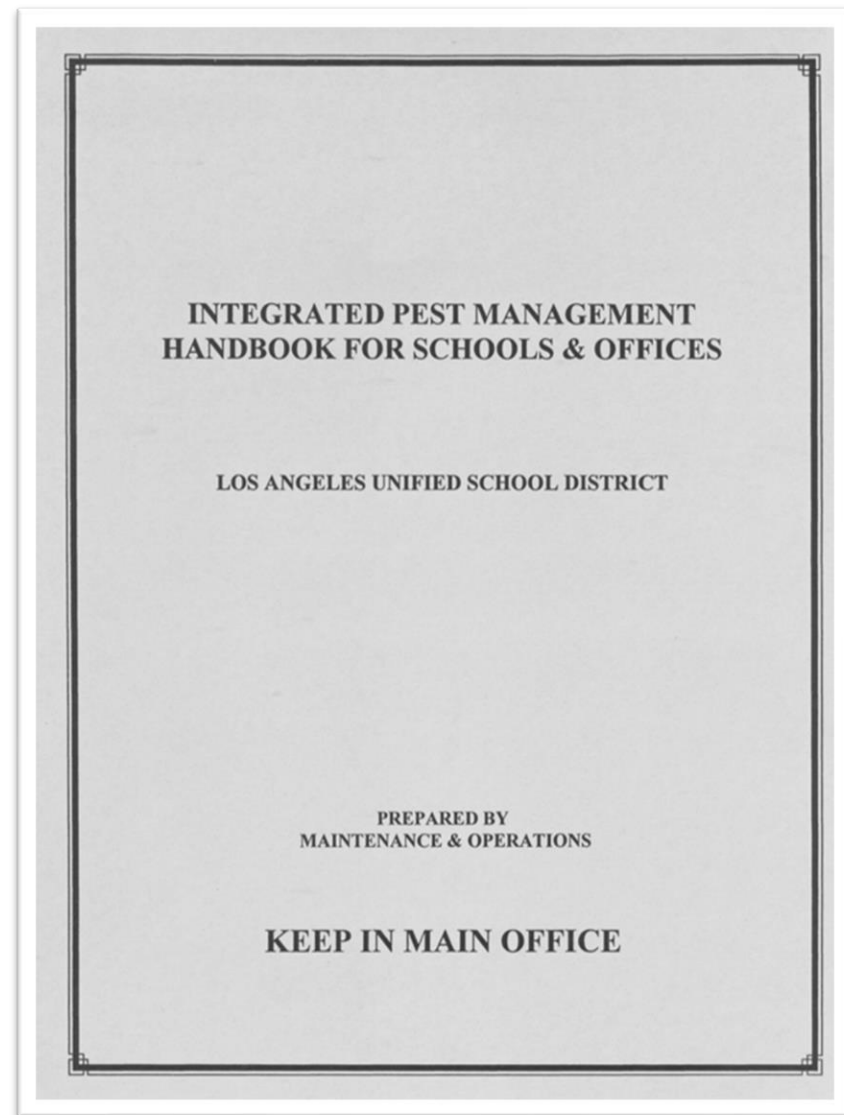
HEALTHY SCHOOLS ACT (HSA)

- Defines pesticide use and reporting requirements for public school sites.
 - Applies to any person applying any type of pesticide.
- Department of Pesticide Regulation (DPR) develops training and other outreach materials to assist with HSA compliance and adoption of least-toxic pest management strategies.

Please visit California School and Child Care IPM at <https://www.cdpr.ca.gov/docs/schoolipm/> for more information.

IPM HANDBOOK- IPM Policy Procedures

- **PURPOSE is to log:**
 - Pest activity reports
 - Pest Management visits
 - Pesticide use
 - Notification records
- **Must be in Main Office.**
- **Made available upon request by:**
 - Parents
 - Staff
 - Stakeholders



IPM HANDBOOK- IPM Policy Procedures

Approved Pesticide
Product List can be
found at

[https://www.lausd.org
/Page/18939](https://www.lausd.org/Page/18939)

Los Angeles Unified School District Approved Pesticide Product List 2023-2024

The Los Angeles Unified School District is committed to the Precautionary Principle and Right to Know. All of the products listed below have been approved by LAUSD for use at District sites. However, this list does not indicate that all approved products listed below are used. In fact, some of these products are used rarely, if ever.

Some of the listed products require Pest Supervisor approval and/or direct supervision during application, and are used only when health or safety concerns are present as outlined within The IPM Policy. These products are listed at the bottom of this list, and restrictions are also indicated in the "comments" column.

PESTICIDE NAME	(1) ACTIVE INGREDIENT	PHYSICAL FORM	APPLICATION METHOD	TARGET PEST	USEPA TOXICITY CATEGORY	(2) LABEL DESIGNATION	COMMENTS	EPA REG. NO. or CA REG. NO.
Advance Granular Carpenter Ant Bait (by BASF)	abamectin B1 0.011%	Granule	Indoor cracks, crevices and voids Outdoor per the label.	Ants	3	Caution	Bait attractant Applicator refer to product label for appropriate PPE	499-370
Alpine Cockroach Gel Bait Rotation 1 Reservoir (by BASF)	Disulfoton	Gel	Indoor cracks, crevices and voids.	Cockroaches	3	Caution	Bait attractant Applicator refer to product label for appropriate PPE	499-507
Avert DF Dry Flowable Cockroach Bait (by BASF)	abamectin B1 0.005%	Dual	Crack & crevice bait dual	Cockroaches	3	Caution	Bait attractant Applicator refer to product label for appropriate PPE	499-394
Bone-Care Termiticide, Insecticide and Fungicide Concentrate (by Naurus)	diazinon octabromide tetrahydrate 40%	Liquid suspension	Spray used for wood boring insects	Termites	3	Caution	Applicator refer to product label for appropriate PPE	54426-1
B-Pekle Insecticide-Miticide-Fungicide (by Gowen)	potassium salts of fatty acids 40%	Liquid	Direct spray to pest	Thrip, White Fly, and as indicated per label	2	Warning	Applicator refer to product label for appropriate PPE	10183-324
Nolan Granular Bait (by Naurus)	Orthocarb Acid-5%	Granules and Fine Granules	Interior and exterior bait	Various Insects	3	Caution	Applicator refer to product label for appropriate PPE	54426-2
Nilon-D (by Naurus)	Diazinon Octabromide Tetrahydrate 40%	Dual	Applied wet or dry	Various Insects	3	Caution	Applicator refer to product label for appropriate PPE	54426-3
ProFoam Pelletum (by Naurus)	Sodium Decyl Sulfate, Sodium Laurethyl Sulfate, Sodium Lauryl Sulfate.....60%	Foam	Foaming agent; non pesticide	Various uses	3	Warning	Applicator refer to product label for appropriate PPE	Ck. Reg. 1251146-50001-4A
Recruit IV AG Termitic Bait (by Dow AgroSciences)	Neoflumuron 0.5%	Solid	Bait used in station only	Subterranean Termites	3	Caution	Applicator refer to product label for appropriate PPE	52713-484
Recruit IV Termitic Bait (by Dow AgroSciences)	Neoflumuron 0.5%	Solid	Bait used in station only	Subterranean Termites	3	Caution	Applicator refer to product label for appropriate PPE	52713-483
Summit B.T.I. Briquets/Mosquito Dunks (by Summit)	Bacillus thuringiensis subsp. israelensis active ingredient and insecticide active ingredient 10%	Solid briquet	Flotting larvicide	Mosquito larvicide	3	Caution	Applicator refer to product label for appropriate PPE	5215-47
Tin-Sor Professional (by Naurus)	diazinon octabromide tetrahydrate 40%	Powder	Applied wet or dry	Wood destroying organisms and fungus	3	Caution	Applicator refer to product label for appropriate PPE	54426-4
EcoVia EC Emulsifiable Concentrate (by Rockwell Labs Ltd)	Thymol Oil-20% 2-Phenethyl Propionate-14% Rosemary Oil-5%	Liquid	Spray	As indicated per label	3	Caution	Applicator refer to product label for appropriate PPE	Exempt-FFIRA 25 (b)
EcoVia WD Wettable Dual (by Rockwell Labs Ltd)	Thymol Oil-10% 2-Phenethyl Propionate-7%	Dual	Use according to label	As indicated per label	3	Caution	Applicator refer to product label for appropriate PPE	Exempt-FFIRA 25 (b)
Catchmaster Final Feed Mosquito Bait (by APISG Co., Inc.)	Gellic Oil 0.4%	Liquid	Use According to label	Mosquito Bait, Non Pesticide	3	Caution	Applicator refer to product label for appropriate PPE	Exempt-FFIRA 25 (b)

IPM HANDBOOK- IPM Policy Procedures

Annual Pesticide Use Notification

- Sent via Student Parent Handbooks before start of school year and new enrollment.
- Returned by parent/guardian to the school.
- School keeps on file in the Main Office.

LOS ANGELES UNIFIED SCHOOL DISTRICT 2023-2024 ANNUAL PESTICIDE USE NOTIFICATION

The District has adopted an Integrated Pest Management (IPM) policy. This policy includes notifying parents/guardians of pesticide use. During the school year, it may be necessary to apply pesticides at your child's school to avoid serious health problems posed by pests and/or maintain the integrity of a structure. However, should you feel that your child's or your (for school staff) health and/or behavior could be influenced by exposure to pesticide products, you are notified as follows:

- An application of products on the Approved List may be applied during the school year (see attached list of pesticide products that have been approved for use at District sites).
- In the event the use of a product is required that is not on the Approved List, you will be notified 72 hours in advance. (Exception: Emergency circumstances that warrant an immediate response).
- Additional information regarding pesticide products, including those on the District's Approved List, is available online at <https://www.cdpr.ca.gov/>.

Please complete, detach, and return the form below to the school's main office, indicating whether you wish to be pre-notified each time a pesticide is scheduled to be used at the school.

IF APPLICABLE, COMPLETE, SIGN, AND RETURN THIS PORTION TO YOUR CHILD'S SCHOOL



PARENT/GUARDIAN REQUEST FOR NOTIFICATION 2023-2024

- ☐ I would like to be notified every time a pesticide application is to take place at my child's school (i.e., in addition to annual notification). I understand that the notification will be sent home with my child or provided to me by a school staff member at least 72 hours before application. (Exception: Emergency circumstances that warrant an immediate response).
- ☐ I do not need to be notified every time a pesticide is to take place at the school. I understand that I will receive an annual notification in the Parent Student Handbook, or by other means, of pesticides approved for use at schools.

Child's name (print): _____ Grade: _____

School: _____ Room Number: _____

Name of parent/guardian (print): _____

Signature of parent/guardian: _____ Date: _____

Note to Site Administrator

File the original in the Main Office. If the above "I would like to be notified" box is checked, forward a copy of this notice via school mail to the IPM Program Coordinator.

Maintenance and Operations Branch Office

333 South Beaudry Ave. 22nd Floor Los Angeles, CA. 90017

Attn: Richard Avendano, IPM Program Coordinator

IPM HANDBOOK- IPM Policy Procedures

The Administrator or designee compiles a list of students whose parent/guardian has requested notification and adds their info to the IPM Handbook under Parent Notification tab.

[illegible]

IPM HANDBOOK- IPM Policy Procedures

Pesticide Use Notices:

- **72-Hour K-12 Schools**
- **120-Hour for Child Care Centers/EEC**
- **Emergency Notices**

If pesticide use is necessary, Pest Management Technician (PMT) will:

1. Inform their immediate supervisor.
2. Advise the Plant Manager and the School Administrator.
3. Complete the appropriate notice.
4. Obtain approval from the IPM Program Coordinator (for emergency notices).

PESTICIDE APPLICATION NOTICE

Date Form Completed: _____

Check one: ___72-HOUR ___120-HOUR (EEC'S) ___EMERGENCY

Dear Parent or Guardian,

This notice is to inform you that a pesticide application is scheduled for:

_____ *School* *on* _____ *Date*

☐ Pesticide is on the Approved List ☐ Special application pesticide not on the Approved List

Product Name: _____

EPA Registration Number: _____

Active ingredient: _____

Target pest: _____

Signal word: ☐ CAUTION (low toxicity)

☐ WARNING (moderate toxicity)

☐ DANGER (high toxicity)

Area/room pesticide is to be applied in: _____

This notification is in accordance with the Los Angeles Unified School District Integrated Pest Management (IPM) program. Further information is available at the school's main office. For technical questions regarding the product, call the Environmental Health and Safety Branch at (213) 241-3199. For questions pertaining to the IPM program, call the IPM Program Coordinator at (213) 241-0340 or visit <https://www.lausd.org/Page/18939> for contact information.

IPM HANDBOOK- IPM Policy Procedures

Postings

- A warning sign must be posted at the area where pesticide will be applied at least 24-hours before the application and left posted for no less than 72 hours after the application.
- Posting for emergency and unauthorized treatments must be posted immediately.

WARNING	
PESTICIDE TREATED AREA	
An application of a pesticide is/was deemed necessary to gain control of pests invading this area:	
<hr/>	
Dates of Application: From _____	To: _____
Re-occupancy Date: _____	Time: _____ AM / PM
This notice is: <input type="checkbox"/> a 24-hour <input type="checkbox"/> a 72-hour <input type="checkbox"/> a 120-hour (EEC) <input type="checkbox"/> an EMERGENCY Posting	
Product Name: _____	Mfg Name: _____
Active Ingredient: _____	U.S. EPA Reg No: _____
Target Pest: _____	<input type="checkbox"/> Pesticide not on Approved Product List
Reason for Application: _____	
Date Sign May Be Removed: _____ (Not less than 72 hours from last application)	
Product Label Signal Word: <input type="checkbox"/> Danger <input type="checkbox"/> Warning <input type="checkbox"/> Caution <input type="checkbox"/>	
<input type="checkbox"/> this material may contain peanut ingredients	
If you have questions regarding this notification or require additional information, you may contact the District's IPM Program Coordinator at (213) 241-0340, or the Office of Environmental Health and Safety at (213) 241-3199	
This information as well as other IPM related records are maintained in the Main Office of the School Site.	
You may review this information by contacting the site administrator or their designee.	

IPM HANDBOOK- IPM Policy Procedures

Only the District's licensed Pest Management Technicians are authorized to transport and apply pesticides.

An unauthorized application of pesticides is defined as any individual who uses pesticides on district property and is not a trained and licensed member of the IPM department.

Making an unauthorized application of pesticides can put others' health at risk.

A member of the District's IPM Team will never make an unauthorized application of pesticides.

IPM HANDBOOK- IPM Policy Procedures

Unauthorized Pesticide Application

If an unauthorized application occurs:

- The Office of Environmental Health and Safety (OEHS) and the IPM Program Coordinator must be notified immediately.
- The product label must be provided to OEHS.
- OEHS makes recommendations based on the products label to ensure the safety of students, staff, and other individuals in the affected area.
- Unauthorized Pesticide Application Notice is sent out and a notice is posted at the site for an extended period.

UNAUTHORIZED PESTICIDE APPLICATION NOTICE	
Date Form Completed: _____	
Dear Parent or Guardian,	
This notice is to inform you that an <u>unauthorized</u> pesticide application was made at:	
_____ School _____	on _____ Date _____
<input type="checkbox"/> Pesticide is on the Approved List	<input type="checkbox"/> Special application pesticide not on the Approved List
Product Name: _____	
EPA Registration Number: _____	
Active ingredient: _____	
Target pest: _____	
Signal word: <input type="checkbox"/> CAUTION (low toxicity)	
<input type="checkbox"/> WARNING (moderate toxicity)	
<input type="checkbox"/> DANGER (high toxicity)	
Area/room pesticide is to be applied in: _____	
<div>This notification is in accordance with the Los Angeles Unified School District Integrated Pest Management (IPM) program. Further information is available at the school's main office. For technical questions regarding the product, call the Environmental Health and Safety Branch at (213) 241-3199. For questions pertaining to the IPM program, call the IPM Program Coordinator at (213) 241-0340 or visit https://www.lausd.org/Page/18939 for contact information.</div>	

Site Activity Log

- Date
- Pest
- Pest problem area
- Action taken
- Reason
- Scheduled follow up date
- Name of the technician




IPM HANDBOOK- IPM Policy Procedures

Pest Site Inspection Details

Pest Management department provides details inspection reports for every visit which are then placed in the IPM Handbook.

Plant Managers and Café Managers receive these reports electronically via email automatically when completed by Pest Management employees.

Pest Management Technicians will print the Pest Site Inspection Details and insert it into the Pest Management Handbook in the Main Office.

 Los Angeles Unified School District - Maintenance & Operations Pest Site Inspection Details Inspection ID:						
M&O Area	School Name	Cool Center	Inspection Type	Time In	Time Spent	Inspected By
W.O. #	W.O. Description			W.O. Status		CPW
Comments:						
Findings and Corrective Actions						
Other						
Comments:						
Material Used						
Description	Amount	Units	EPA #	%		
<< No material used >>						
Need FollowUp:		Followup Date:				

Page: 1 of 1

IPM Techniques and Methodologies

Pests need the following for survival:

- Food
- Water
- Shelter (a place to hide out)

Reducing or eliminating these needs will help to minimize pest problems.

Rules to Follow:

- Don't let them eat
- Don't let them drink
- Don't let them hide out
- Don't let them come in

Effective Non-Chemical IPM Methodologies

The following methods and techniques must be exhausted and noted in the Pest Site Inspection Details report:

- Monitoring
- Exclusion
- Water Management
- Improved Sanitation
- Habitat Modifications

MONITORING

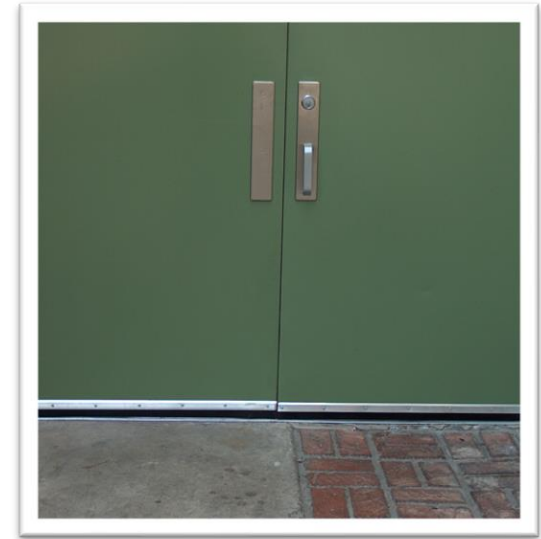
Insect glue monitors and various types of mechanical traps are utilized to monitor for the presence, population levels, and pathways of pests such as cockroaches and rodents.



EXCLUSION

Do not allow pests easy access to the inside of buildings. We can do this by:

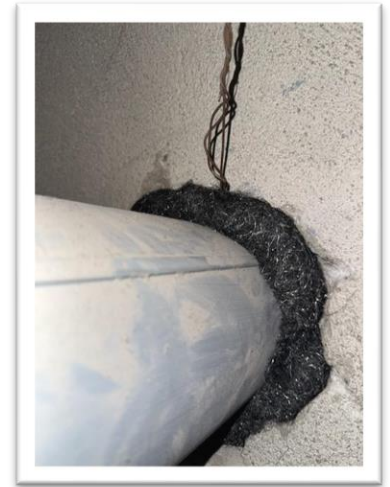
- Installing door sweeps on critical exterior doors that need them.
- Keep doors closed when not in use.
- Do not prop doors open, especially doors that lead to food storage, handling, and preparation areas.



EXCLUSION

Filling in holes around plumbing and electrical conduits reduce the chances of rodents and bees gaining access to the structure.

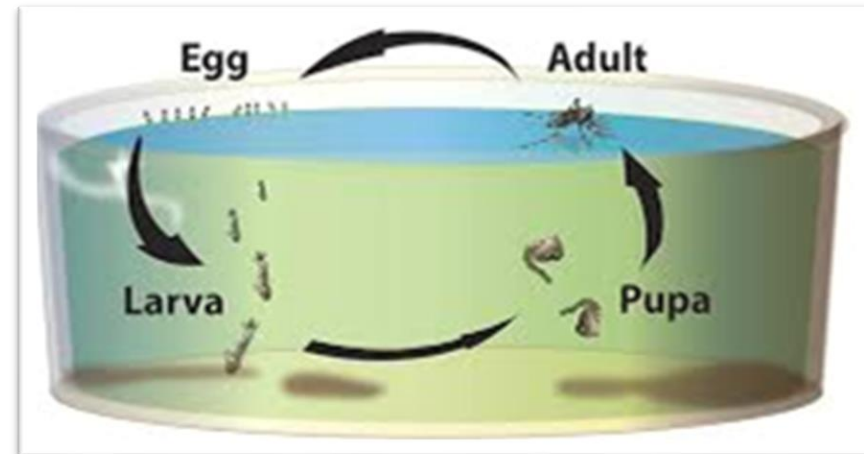
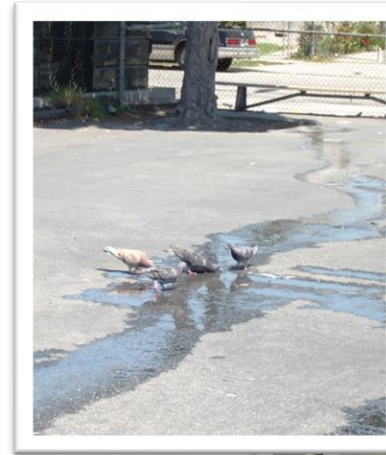
Applying screens over vents will help minimize entry points for pests.



WATER MANAGEMENT

Deny pests access to water by doing the following:

- Report leaky pipes so that they can be fixed.
- Ensure irrigation systems function properly.
- Refrain from excessive rinsing of outdoor surfaces.
- Eliminate water accumulations on school grounds.



IMPROVED SANITATION

Food service facilities should be continuously well maintained and kept in a clean and sanitary condition.

Food should be properly stored in pest-proof containers in classrooms.

Food scraps left on lunch tables attract pigeons.

Pigeons, their habitats, and byproducts can be responsible for the transmission of over 40 diseases.

DISPOSE OF YOUR TRASH IN TRASH CONTAINERS.

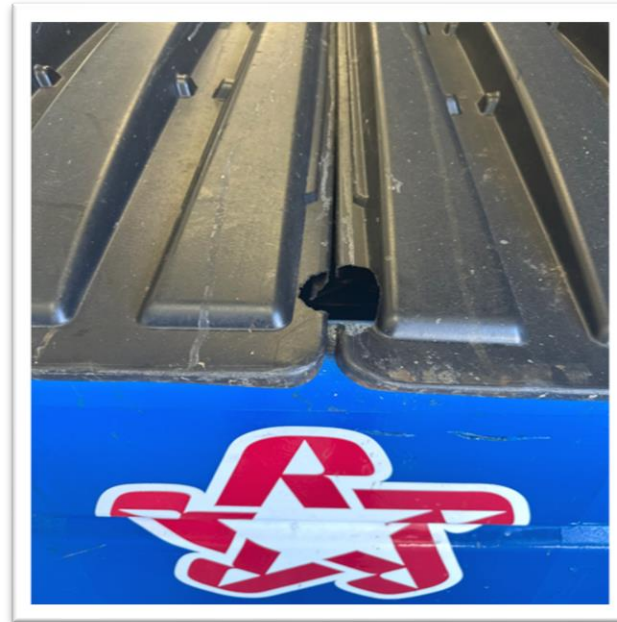


IMPROVED SANITATION

Dumpster areas attract pests; gunk and open lids will provide food and water to pests, making pests difficult to suppress.

Rubbish disposal containers must be kept sealed and monitored for the following:

- Signs of pest activity
- Cleanliness
- Damages and needed repairs



Habitat Modifications

Areas like this provide good harborages for rodents.

Report miscellaneous debris and clutter on school grounds to the Plant Manager and school administrator

Reduce the need for excessive storage areas both indoors and outdoors.



Habitat Modifications

Trees touching the building creates easier access for pests. Cutting the trees back will minimize rodent, ant, mites and wildlife from gaining access to roof and in the building.

Before



After



Ivy should be trimmed back and kept to a minimal size as it creates harborage for pests. Sheet metal screens/vents exclude entry to buildings, must be $\frac{1}{4}$ " or smaller.



Avoid Interactions With Animals

Do not encourage animals to live on District properties by providing food and water.

It is illegal to feed wild animals, including feral cats.

Animals such as dogs, cats, opossums, raccoons, and skunks are health threats to people from their bites, feces, urine, hairs, and various ecto- and endo-parasites that can transmit diseases.



Avoid Interactions With Animals

DO NOT attempt to trap any animal regardless if it is friendly.

Call the local animal shelter for assistance with injured animals.

LAUSD Pest Management Department staff may set live animal traps for Feral Cats with prior approval from the shelter if there is available space for them.

Wildlife should not be trapped; Animals under building, attic or trapped inside a building may occasionally need to be trapped humanely to safely release outside on school grounds.

Call 911 if an animal poses an imminent danger or safety threat.

- Plant Managers will notify appropriate district personnel.

**DO NOT FEED THE CATS
THEY WILL BE TRAPPED
AND THEN TAKEN TO THE
ANIMAL SHELTER**

**THE SMELL AND MESS
FROM THE CATS CREATE
A HEALTH HAZARD**

What YOU Can Do

Everyone plays a role in the District's Integrated Pest Management Program.

How can Site Administrators Help?

- Share this presentation with teachers, students, and parent organizations.
- Set a good example and demonstrate leadership regarding the use of IPM methodologies discussed in this presentation by sharing this presentation with students, faculty, and other staff.

How Can Teachers Help?

- Set a good example and demonstrate leadership regarding sanitation issues.
- Do not bring, store, or apply pesticides on school property.
- Do not store, prepare, cook, heat, and consume food in classrooms (Breakfast in Classroom exempt).
- Any food materials kept for educational purposes such as beans, macaroni, etc. must be kept in pest-proof containers.
- Educate students about practicing good sanitation.
- Do not feed cats, dogs, birds, and wild animals on school property and encourage others to not do it.

How Can Teachers Help?

- Keep classrooms clean and free of food debris and food wrappers, etc.
- Reduce clutter and miscellaneous storage in your classroom.



How Can Students Help?

- Show pride in your school. Practice good sanitation and don't be a litter bug.
- Do not leave your food wrappers and food scraps on lunch tables.
- Dispose of all trash, left-over food, food debris, food wrappers, and chip bags, etc. in trash containers.
- Do not drop candy wrappers and chip bags on the ground because they attract pests such as ants, cockroaches, rats, mice, and pigeons.
- Do not feed pigeons, cats, and other animals on school property and remind your friends not to do it.
- Be a good citizen and encourage your friends to help keep your school clean and free of pests. If you see pests, do not try catching it, let your teacher know.
- Don't consume food in classrooms (Breakfast in Classroom exempt). Don't hide candy wrappers in classrooms. Don't store food in lockers.

How Can Plant Managers Help?

- Set a good example. Be proud of your school. Always practice good sanitation and encourage others to do so.
- Clean lunch tables promptly after each meal.
- Empty all trash containers promptly.
- Review Pest Site Inspection Details report when received, recommendations may be reported for your action or assistance.
- Promptly place work orders (service calls) to M & O regarding needed pest exclusion work, leak and irrigation repairs, etc.
- Keep dumpster areas clean. Keep dumpster lids closed. Report damaged bins to OEHS.
- Reduce clutter and storage on school grounds.
- Work with the principal to get food storage and clutter problems in classrooms resolved.
- Help to educate people about the direct relationship between poor sanitation and pest problems.
- Refer school employees to the District's IPM web site:
<https://www.lausd.org/Page/18939>

How Can Custodial Staff help?

- Take pride in your school. Show that you care by always practicing good sanitation.
- Report food storage and sanitation problems in classrooms to the plant manager.
- Promptly clean up after meals and empty trash containers in a timely manner.
- Encourage students to put trash in trash containers.
- Do not overfill dumpsters and keep dumpster lids closed. Keep dumpster areas clean.
- When and where honeybees are a problem, do not put trash cans between lunch tables.
- Maintain clean work areas and hopper rooms.
- Promptly report pest problems to plant manager.

How can Food Service Managers Help?

- Take pride in your kitchen and share this presentation with your staff.
- Do a visual inspection of the kitchen, look for signs of pest.
- Close lids to dumpster when disposing garbage
- Do not store recyclables
- Routinely rotate inventory for cleaning and identifying and reporting signs of pests
- CARDBOARD. Get rid of it. Use plastic containers instead
- Remove clutter
- Keep floors and ALL eating areas clean and disinfected.
- Maintain clean food service storage rooms
- Do not store food in employee lockers
- Inspect your Deliveries, hitchhikers are not welcome.
- Do not prop doors open, a rodent or even bees can get in.
- Doors, Windows and Vents – Don't WELCOME unwanted guests. Use air curtains (air doors or fly fans) on kitchen doors.
- Report possible entry points
- Please review Pest Site Inspection Details Report as soon as received as recommendations may be made for your immediate action and or assistance.
- Kitchens are deep cleaned once a year or more if necessary.



We **CAN** reduce the need for chemicals for pest control at schools by denying pests easy access to our facilities.

Please assist the Pest Management staff in reducing pest problems at schools by doing your part and passing this information on to others.

Please refer school employees and all other stakeholders to <https://www.lausd.org/Page/18939> for the following information:

- **LAUSD IPM Plan**
- **LAUSD IPM Policy**
- **Approved Pesticide Product List**
- **Annual Pesticide Use Notification form**
- **IPM Publications-Pest of the month programs-** covering a wide variety of pest issues and situations.
- This IPM Basics Training Presentation
- Pest Management Quick Reference Guide for Site Administrators
- IPM Training Videos from DPR

And the district IPM Program Coordinator's Contact Information for any questions or concerns regarding the Districts IPM Policy, Procedures and HSA.

Thank you for completing this basic training program on LAUSD IPM program.

Have a great, pest-free day.