

Integrated Pest Management

Concept to Achievement



Making Sense of IPM

- A common sense, community approach to pest control
- Establishes a guide (IPM Plan) to improving indoor air quality through pest control while effectively reducing/eliminating the usage of harmful pesticides/herbicides

How does IPM work?

- **A school IPM program is a community effort to employ common sense strategies to reduce sources of food, water and shelter for pests in your school buildings and grounds.**

Pest Disturbance in Room 2!!!

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Pest Disturbance in Room 212!

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“Just KILL it!”

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“Just KILL it!”

“BOMB ‘em!”



Pest Disturbance in Room 212!

- When a pest problem comes up things can get confusing real quick!
- Emotions can affect judgement:

“Just KILL it!”

“BOMB ‘em!”

“SPRAY ‘em!”



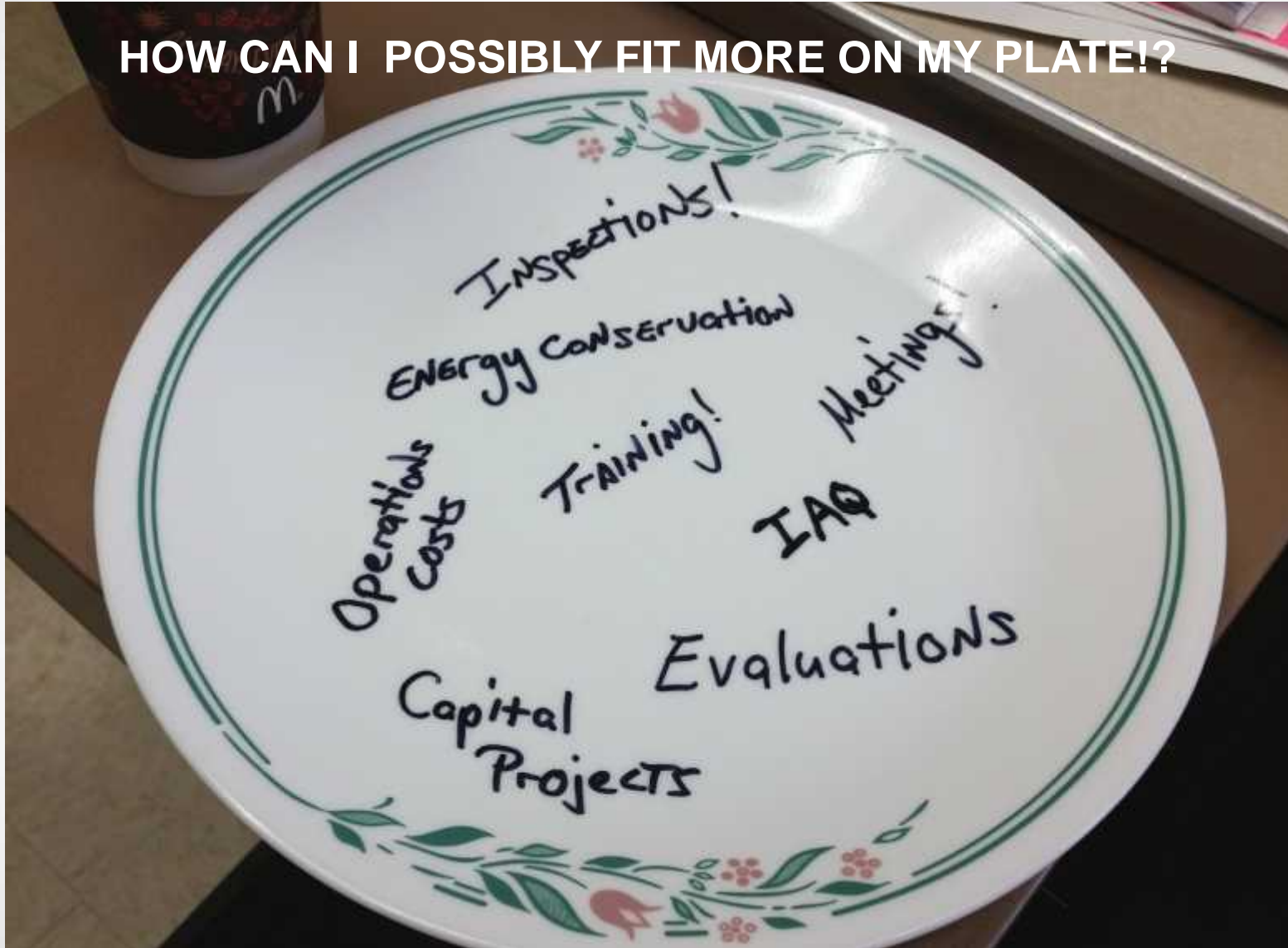
IPM Plan



IPM Program Justification

- **Smart: healthier learning environment & addresses the root cause of pest problems**
- **Sustainable: better long-term control of pests**
- **Savings: Long-term implementation may reduce energy and pest management costs**

HOW CAN I POSSIBLY FIT MORE ON MY PLATE!?



Include IPM in Current Routine

- IPM can be incorporated into much of what we are doing already – *just think pest control*

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What Attracts pests?

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What Attracts pests?

Shelter

Food

Water



Effective IPM



Pesticide/Herbicides
(Hazard communications)

Physical and Mechanical Control
(Energy conservation & design)

Expectations – Best Practices
(inspections, evaluations)

Communication – Training – Educating
(email, meetings, website, training)

Creating the IPM Plan

Don't reinvent the wheel just realign it
D'Angelo

*Relatively simple to realign to your district's needs

[Kelso IPM Plan](#)

Include IPM in Current Routine

Shelter

Food

Water



Include IPM in Current Routine

Shelter – pest exclusion a product of energy conservation, security and building design

Energy conservation

- Window repair, door sweeps, patch/seal holes

Security

- Doors being left open and unmonitored

Building and landscape design

- Design out pests

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Include IPM in Current Routine

Food – starve pests through Inspections and Custodial Training

inspections

- Establish expectations to ensure good housekeeping is maintained

Custodial training

- Dumpster areas, trash collection

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Include IPM in Current Routine

Water – dry up pests with thorough Inspections and Training

Inspections and maintenance staff training

- Watch for and train staff to report leaky pipes, faucets
- Watch for condensation puddles on drop ceiling tiles



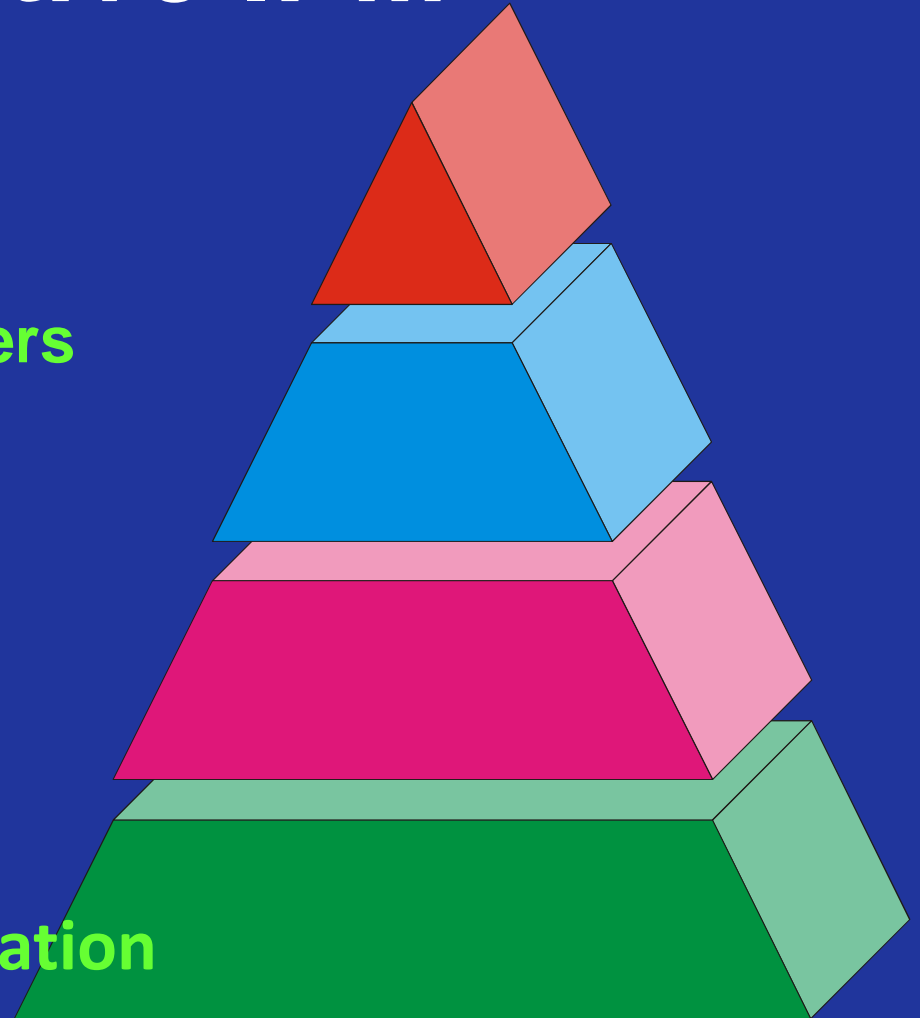
Effective IPM

INTEGRATION:

Capture the Power in Numbers

- Flyers
- Web presence
- Recognition

Education & Communication



Kelso IPM Champions

The people who make it work!

- [Maintenance and Grounds](#) – Landscape, turf, structural exclusion, certified Pesticide Public Operators
- [Custodians](#) – Indoor IPM, building champions of IPM!



Establish Recordkeeping Method

- Use the Work Order program to track pest related work
- Data provided is useful for establishing benchmarks, progress and budgeting
- Schedule inspections (Outlook works great)

IPM STAR Certification

- 2015 (insert certificate) (insert picture of us receiving award)



Knowledge

- WSU Urban IPM and Pesticide Safety Education
 - Pep.wsu.edu
 - Carrie Foss cfoss@wsu.edu
 - Becky Maguire hinesre@wsu.edu
 - IPM workshops
- EPA
 - <https://www.epa.gov/managing-pests-schools>
 - Juliann Barta barta.juliann@epa.gov (Region10)

More Resources

- IPM Institute
 - www.ipminstitute.org
 - IPM STAR certification



The IPM Institute
of North America, Inc.