



# Moving From Theory to Practice:

## Taking the System and Making it Work in Your District



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### The Framework for Effective School IAQ Management



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### The Framework for Effective School IAQ Management: **Six Technical Solutions**



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### Strong Integrated Pest Management (IPM)

- Inspect and monitor for pests
- Establish an IPM plan
- Use spot treatments and baits
- Communicate with occupants prior to pesticide use
- Mark indoor and outdoor areas treated with pesticides



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### Effective Cleaning & Maintenance

- Conduct routine inspections of school environment
- Develop a preventative maintenance plan
- Train cleaning/maintenance staff on protocols
- Ensure material safety data sheets (MSDS) are available to staff
- Clean and remove dust with damp cloth
- Vacuum using high-efficiency filters



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### Smart Materials Selection

- Maintain products inventory
- Develop low-emitting products purchasing and use policies
- Use only formaldehyde-free materials
- Use only low-toxicity and low-emitting paint
- Select products based on product rating systems
- Use least toxic cleaners possible (only those approved by the district)



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**Aggressive Source Control**

- Conduct regular building walkthrough inspections
- Test for radon; mitigate if necessary
- Implement a hazardous materials plan (use, label, storage and disposal)
- Implement Smoke-Free policies
- Establish an anti-idling school bus policy
- Use walk-off mats at building entrances
- Conduct pollutant-releasing activities when school is unoccupied



**Indoor Air Quality (IAQ)**

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**EPA Today's Agenda for Technical Sessions**

**Concurrent**

- Virtual Walk-Through
- Healthy, High Performance Schools
- IAQ as a Learning Tool

**Breakout**

- Optimal HVAC
- Mold and Moisture: Double Trouble for Schools
- Green Cleaning
- Furnishing High Performance Schools
- HealthySEAT 2.0
- Asthma-Friendly Schools
- Radon in Schools

**Engaging with Experts**

- EPA EnergySTAR
- EPA School Chemical Cleanout Campaign
- EPA Clean School Bus
- EPA Integrated Pest Management
- All Technical Session Leads



**Indoor Air Quality (IAQ)**

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**EPA**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system

**Indoor Air Quality (IAQ)**

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**Question: What is your school system's command of "Control of Moisture/Mold"?**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system



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**Question: What is your school system's command of "Strong Integrated Pest Management"?**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system



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**Question: What is your school system's command of "Effective Cleaning, Maintenance"?**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system



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**Question: What is your school system's command of "Smart Material Management"?**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system



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**Question: What is your school system's command of "Aggressive Source Control"?**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system



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**Question: Overall, what is your school system's command of the six technical solutions?**

1. Out of control, poor IAQ
2. Weak system, problem areas
3. Workable system, can be improved
4. Able to maintain effective system



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