



EPA




The IAQ Tools for Schools Approach: Providing a Framework for Success



Indoor Air Quality (IAQ)

Day 1: Morning – Putting an Effective Framework in Place



Organize
for Success

Communicate
with Enthusiasm,
All the Time

Assess
Your Environment's
Continuity

Plan
Your Short- and
Long-Term
Action



Act
to Address Remaining
Institutional and
Behavioral Issues

Evaluate
Your Progress
for Continuous
Improvement

Effective Schools IAQ Program

Day 1 Morning Day 2 Day 3
Day 1 Afternoon

IAQ Tools for Schools Program

Indoor Air Quality (IAQ)

The Framework for Effective School IAQ Management



Indoor Air Quality (IAQ)

The Framework for Effective School IAQ Management:
Six Key Drivers



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The Framework for Effective School IAQ Management:
Six Technical Solutions



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The Framework for Effective School IAQ Management



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School IAQ:
Mastering the Framework

- Design to Sustain Action
- Be in Action for Results
- Install the Best Solutions



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Design to Sustain Action



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Install the Best Solutions



Indoor Air Quality (IAQ)

Install the Best Solutions



Indoor Air Quality (IAQ)

Which one of the following Six Key Drivers do you feel is strongest in your district?

Design to Sustain Action

1. Organize
2. Communicate

Be in Action for Results

3. Assess
4. Plan
5. Act
6. Evaluate



Indoor Air Quality (IAQ)

***Bringing the Framework to Life
through the 2010 IAQ Design Challenge
School Districts***



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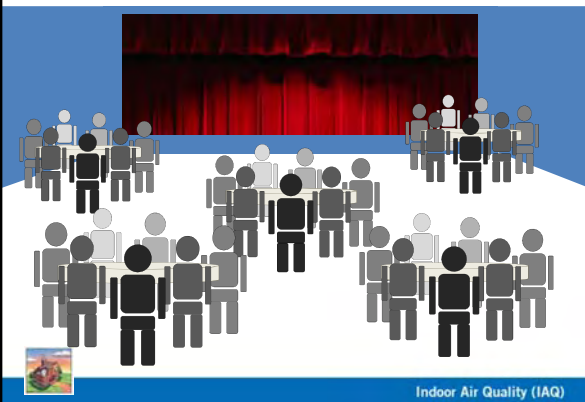
Our Collaborative Design Process

- Address real IAQ challenges
- Drive action learning through a multi-disciplinary, cross-functional, team-based approach
- Design comprehensive solutions/strategies in real-time
- Applying new knowledge on the spot
- Developing Action Plans for your work

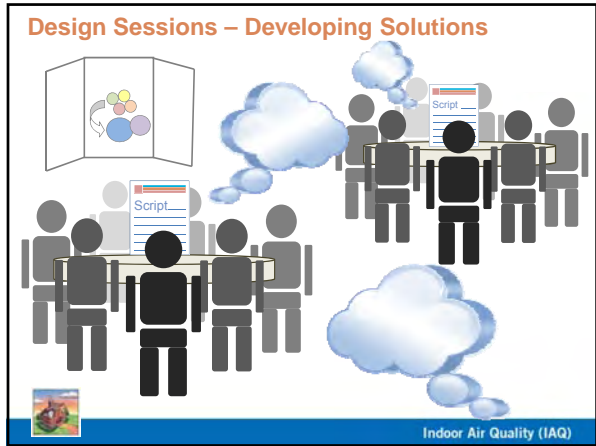


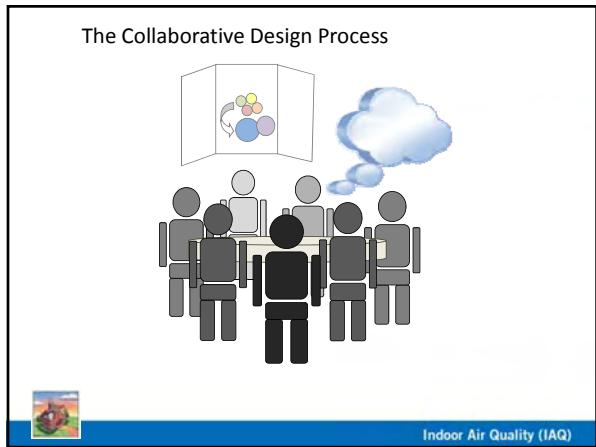
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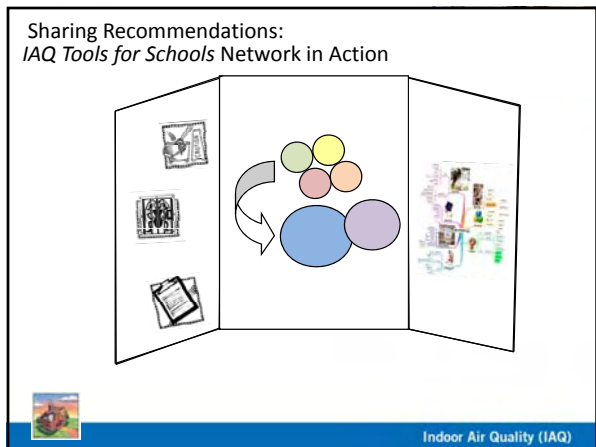
The IAQ Tools for Schools Network – Live!

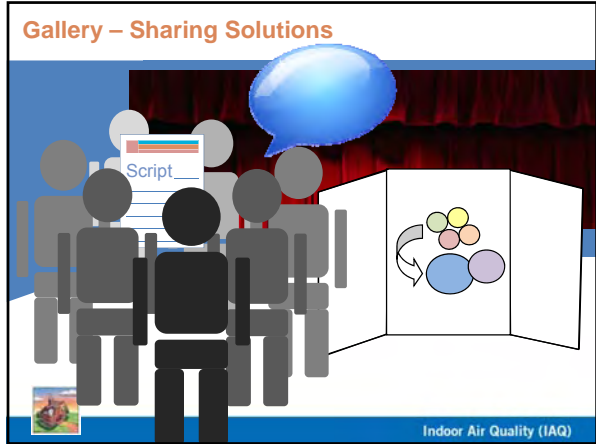


Indoor Air Quality (IAQ)













2010 IAQ Design Challenge School Districts

- C.U.S.D #95 Lake Zurich, *Lake Zurich, IL*
- Louisiana Recovery School District, *New Orleans, LA*
- Memphis City Schools, *Memphis, TN*
- Schodack Central School District, *Castleton-on-Hudson, NY*
- The School District of Philadelphia, *Philadelphia, PA*

How did the IAQ Collaborative Design Process and the IAQ Tools for School Program help your district put a system in place to achieve your goals?



Faculty Introductions

- Baltimore County Public Schools, *Baltimore, MD*
- Blue Valley School District, *Overland Park, KS*
- Charlotte-Mecklenburg Schools, *Charlotte, NC*
- Hartford Public Schools, *Hartford, CT*
- Katy Independent School District, *Houston, TX*
- Newark Public Schools, *Newark, NJ*
- North East Independent School District, *San Antonio, TX*
- The School Board of Broward County, *Fort Lauderdale, FL*
- West Carrollton School District, *West Carrollton, OH*



How to Listen

- Use your Guidebook to capture IAQ Design Challenge School District Strategies and Faculty Insights about the Framework.



C.U.S.D. #95 Lake Zurich

Lake Zurich, Illinois

School District Profile

- District Type: Suburban
- Number of Facilities: 8 schools and 2 administrative buildings
- Facility Age Range: 4 – 80 years old
- Staff: 700
- Students: 6,287



Louisiana Recovery School District

New Orleans, Louisiana

School District Profile

- District Type: Urban
- Number of Facilities: 69 (including 42 charters)
- Facility Age Range: 0 – Over 100 years old, Average age over 70 years old
- Staff: 1,571
- Students: 27,021



Memphis City Schools

Memphis, Tennessee

School District Profile

- District Type: Urban
- Number of Facilities: 195 schools, 450 buildings
- Facility Age Range: 0 – 103 years old
- Staff: 16,000
- Students: 108,915



Schodack Central School District

Castleton-on-Hudson, New York

School District Profile

- District Type: Rural
- Number of Facilities: 3 schools
- Facility Age Range: 40-87 years old
- Staff: 193
- Students: 1,100



Indoor Air Quality (IAQ)

The School District of Philadelphia

Philadelphia, Pennsylvania

School District Profile

- District Type: Urban
- Number of Facilities: 357
- Facility Age Range: 0 – 120 years old
- Staff: 25,000
- Students: 163,000



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