

Collaborative Indoor Air Quality Management:

Transforming the Future of Education and Healthy Indoor School Environments

A4LE LearningScapes 2024, Portland, OR

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Speakers

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Mandy Larson, PE

• Director of Facilities, Weld County School District 6, Colorado

Session Participants

Getting to Know Each Other

Before we start today's session, we'd like to get to know you, our audience, a little better!



Where do you work?

School district

An outside organization that supports school districts

Other?

Where are you in your IAQ management journey?

Just getting started

Have developed an IAQ management plan or program

Have not developed an IAQ management plan, but have supported putting some IAQ management practices in place

Agenda

- Welcome and Introductions
- EPA Indoor Environments Overview
- Indoor Air Quality (IAQ) Management Overview
 - Benefits of IAQ Management
- Developing and Implementing Comprehensive IAQ Management Plans and Programs
- Getting Started: School District IAQ Management, featuring Mandy Larson
- Action Learning: Build Your IAQ Management Plan
- How to Extend Your Collaborative Reach and Advance Your Commitment to Healthy Indoor School Environments
- Q&A Session
- Wrap-Up and Closing



Learning Objectives

What we hope you walk away with

Understand the importance of healthy learning environments in schools and how indoor air quality plays a role in student and staff health and safety.

Learn how to develop and implement comprehensive IAQ management plans and programs.

Identify tools and techniques to assess IAQ, energy efficiency and climate resiliency in your school and district facilities.

Gain strategies to collaborate with and learn from diverse school leaders and stakeholders to promote, maintain and advance your commitment to healthy learning environments.



Indoor Air Quality (IAQ)



- Top public health risks
 - Radon
 - Asthma
 - PM (indoors)
 - Biological Contaminants
 - IAQ in Homes & Schools
 - Emergency Preparedness, Response and Recovery
 - Household Energy/Cookstoves
- Non-regulatory program
 - Develop, synthesize and translate IAQ science to inform policy/programs
 - Technical guidance and assistance; public information and education
 - Partnerships with industry, NGOs, feds, states, tribes, communities
 - Grants to states, tribes and NGOs (e.g., State Indoor Radon Grants)

Poor indoor air quality is among the top 5 environmental public health risks; associated with significant economic burden.

Indoor Environments Program



Mission

EPA is protecting the public's health from indoor environmental concerns where they live, learn, work and play.

Authority

- SARA Title IV Radon and Indoor Air Quality Research Act; TSCA Title III – Indoor Radon Abatement Act; Inflation Reduction Act
- Only federal authority to specifically address indoor air quality
- Authorizes research on all aspects of indoor air quality and dissemination of information... HOWEVER, Specifically precluded from regulating IAQ

IAQ Pollutants and Sources	 Radon Asthma Household Energy/Cookstoves Indoor Particulate Matter Biological Contaminants Secondhand Smoke/Aerosols
Comprehensive Interventions	 Homes Schools Metrics and Sensors Emergency Preparedness, Response and Recovery
Cross-Cutting Foundations	 Science Communications Regions, States and Tribes

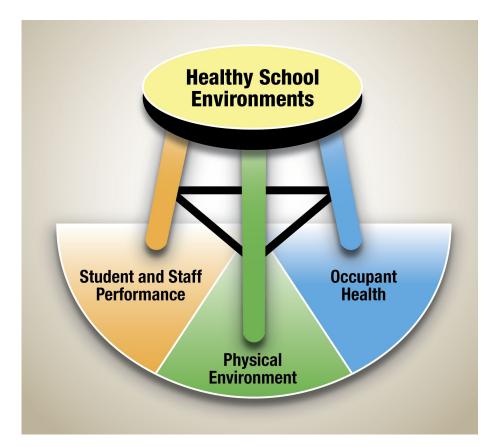
Children Learn Best and School Staff Work Best in Healthy Environments

Proactively managing the environmental health in schools will—

- Protect student and staff health.
- Improve academic performance as well as staff performance.
- Enhance the physical environment.

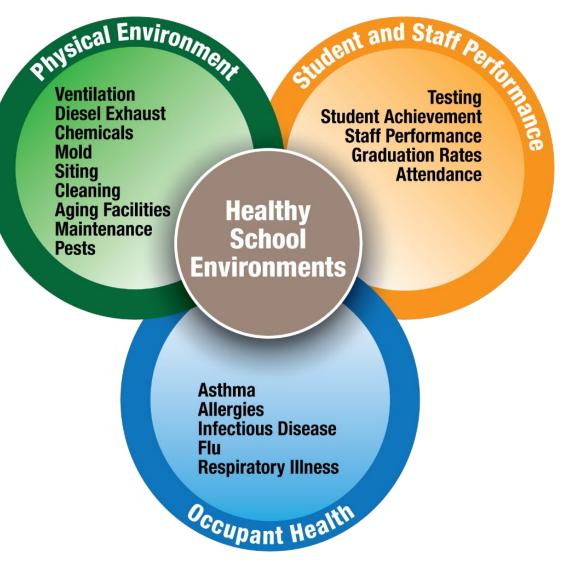
These three benefits will save your school district money!





Healthy School Environments Improve Occupant Health

- Poor indoor air quality can cause or exacerbate many health problems:
 - Coughing, sneezing and sinus congestion.
 - Irritation of the eyes, nose, throat and skin.
 - Headache, dizziness and nausea.
 - Allergies, shortness of breath and fatigue.
- Asthma is the leading cause of school absenteeism, accounting for 14 million missed school days per year.



EPA's Role in Encouraging School IAQ Management

EPA is committed to providing schools and school districts with the tools and resources needed to ensure healthy learning environments for their students, faculty and staff.

What are the resources EPA offers to help encourage school IAQ management?

- IAQ Tools for Schools Action Kit
- On-Demand Training Webinars
- Guidance and Videos
- In-Person Outreach at Meetings Nationwide
- And more!

www.epa.gov/iaq-schools





The Value of IAQ Management Saving Costs With Healthy Learning Environments

₿EPA

IAQ management goes hand-in-hand with preventive maintenance and energy efficiency.

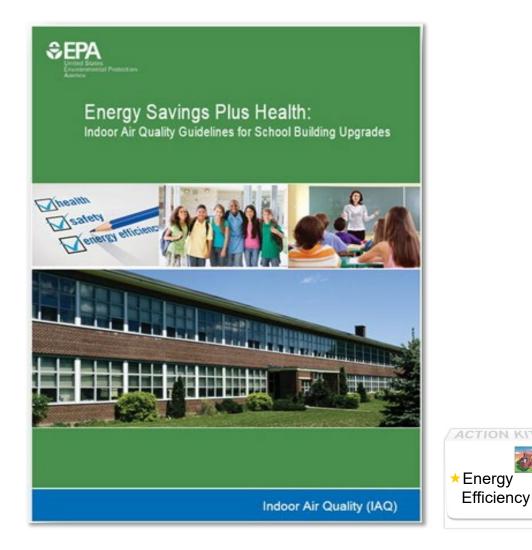


Integrating IAQ management, preventive maintenance and energy efficiency into your school and school district facility projects, building operations, facility designs, construction and renovation are critical components of healthy, reliable and efficient school buildings.

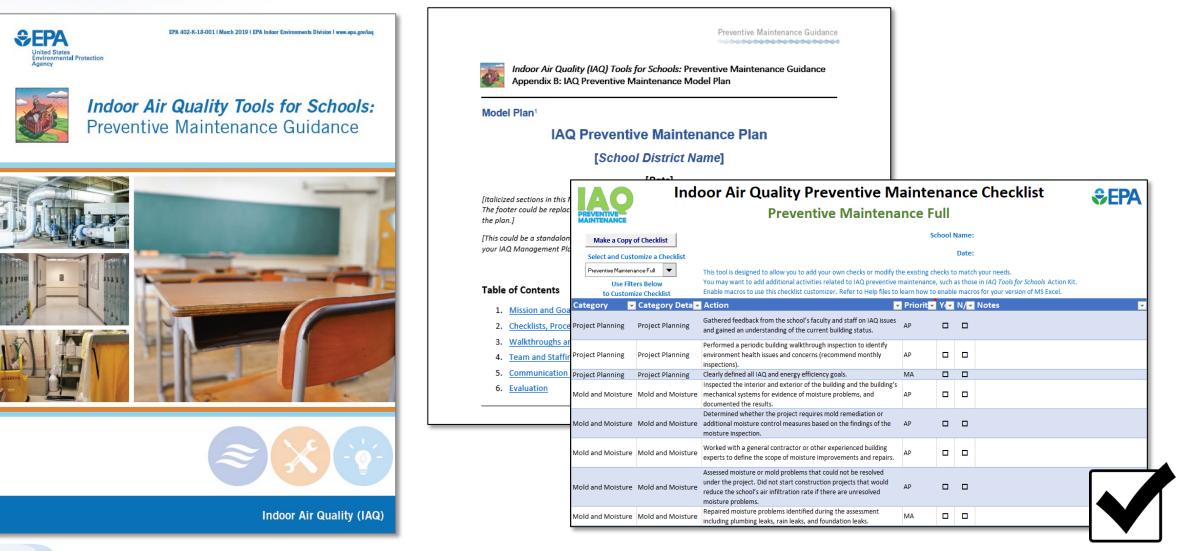
Integrated Energy Management Solutions



- Protect IAQ during energy efficiency upgrades and building renovations.
- Conduct regular HVAC maintenance and tune-ups.
- Install programmable thermostats.
- Consider performing post-construction commissioning for HVAC systems.
- Control moisture in building assemblies, mechanical systems and occupied spaces.



IAQ Preventive Maintenance: Guidance, Tools and Resources



S-HA

Creating an IAQ Management Plan or Program



Good IAQ management includes—

- Source control: Control of airborne pollutants.
- Improved ventilation: Introduction and distribution of adequate outdoor air.
- Enhanced filtration: Using the central HVAC system and/or in-room filtration devices.



Source Control

Ventilation

Filtration

IAQ Tools for Schools Action Kit



What is it? A practical plan for improving your IAQ knowledge using straightforward solutions and individuals already on staff.

The Action Kit includes—

- Reference guides
- Checklists
- Fact sheets
- Sample policies
- Comprehensive IAQ management plans
- The Framework for Effective School IAQ Management
- The Seven Technical Solutions





The Framework for Effective School IAQ Management: Six Key Drivers



The Framework for Effective School IAQ Management: Seven Technical Solutions

C Quality HVAC

- Inspect HVAC systems regularly
- · Establish a maintenance plan
- · Change filters regularly and ensure condensate pans are draining
- · Provide outdoor air ventilation according to ASHRAE Standards or local code
- · Clean air supply diffusers, return registers and outside air intakes
- · Keep unit ventilators clear of books, papers and other items

Control of Moisture/Mold

- · Conduct routine moisture inspections
- · Establish a mold prevention and remediation plan
- · Maintain indoor humidity levels between 30% and 60%
- · Address moisture problems promptly
- . Dry wet areas within 24-48 hours

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

Effective Cleaning and Maintenance-

- Conduct routine inspections of school environment
- · Develop a preventive 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

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)

Aggressive Source Control

+HVAC

★IPM

Moisture/Mold

Source Control

Energy Efficiency

 Conduct regular building walkthrough inspections

ACTION KIT

Cleaning & Maintenance

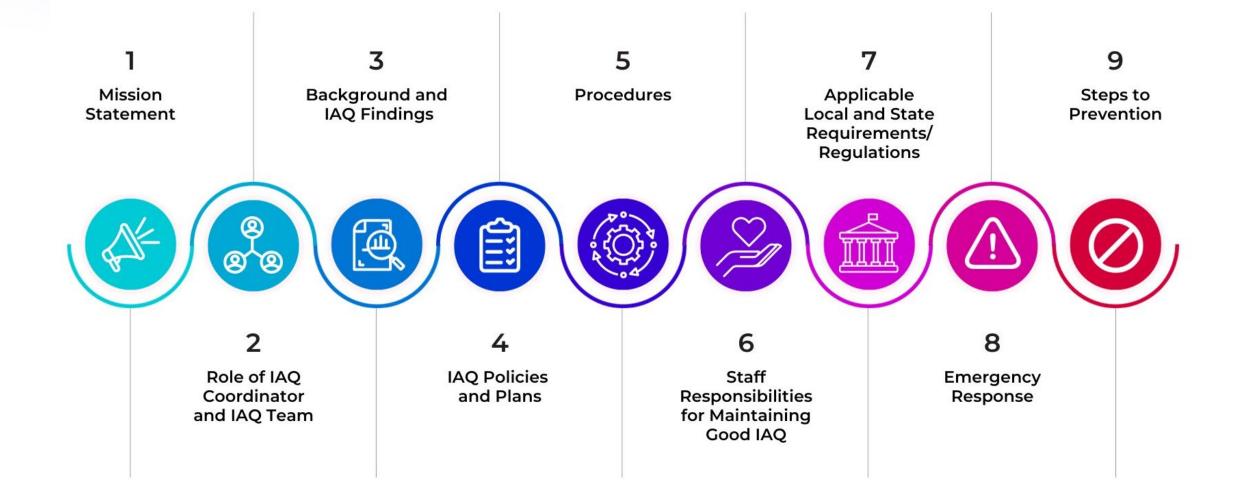
Materials Selection

- Test for radon; mitigate if necessary
- Implement a hazardous materials plan (use, label, storage and disposal)
- Establish a school chemical management and inventory plan
- · 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

Integrated Energy Management Solutions

- Protect IAQ during energy efficiency upgrades and building renovations
- Conduct regular HVAC maintenance and tune-ups
- Install programmable thermostats
- Consider performing postconstruction commissioning for HVAC systems
- Control moisture in building assemblies, mechanical systems and occupied spaces

Key Components of an IAQ Management Plan





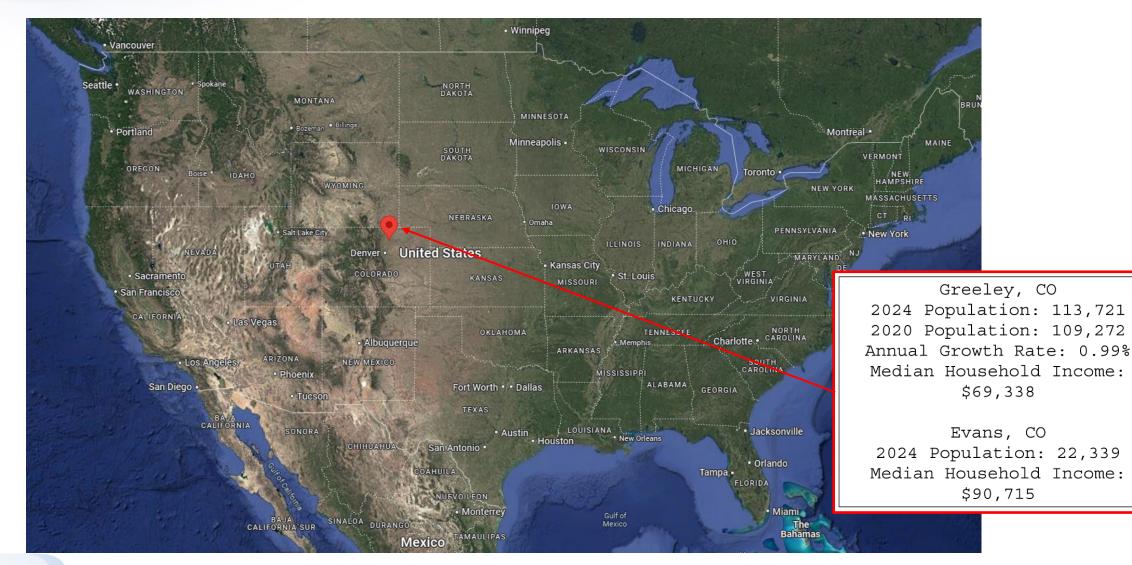
Getting Started – School District IAQ Management

Weld County School District 6, Greeley-Evans, CO

Mandy Larson, PE, Director of Facilities

Weld County School District 6 Greeley-Evans, Colorado





Weld County School District 6 Greeley-Evans, Colorado

- 29 Schools
- **1** Online Academy
- **13 Support Facilities**
- 2,800,000 Square Feet
- 485 Acres
- 50 Facility Staff



MISSION

District 6 engages every student in a personalized, well-rounded and excellent education, preparing students to be college and career ready.

VISION

District 6 engages, empowers and inspires today's students in partnership with families and communities to succeed in tomorrow's world.

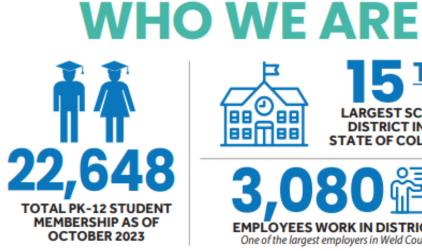
VALUES AND BELIEFS

 Our students come first. · We know every child can achieve.

We believe diversity is a strength.

• We ensure safe, secure and healthy schools. · We build positive relationships with students, families and communities.

 We promote access, opportunity and choice. We commit to hiring and retaining guality staff. We commit to excellence, innovation and continuous improvement.







MORE THAN

3.7% OF OUR STUDENTS GRADUATE ON TIME Above the state average of 83.1 percent

leeMee

3.080

EMPLOYEES WORK IN DISTRICT 6

One of the largest employers in Weld County

District 6 students enrolled in courses at AIMS Community College. the University of Northern Colorado and other colleges, with tuition paid through the District 6 Mill Levy Override



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LARGEST SCHOOL DISTRICT IN THE

STATE OF COLORADO

THE PRESTIGIOUS AP SCHOLARS AWARD

for their outstanding performance on the 2023 Advanced Placement Exams



CAREER PATHWAYS ACROSS DISTRICT 6

Mechanical Engineer \rightarrow Director of Facilities

My IAQ Journey

- 2008 BS Mechanical Engineering, University of North Dakota (Grand Forks, ND)
- 2008-2010 HVAC/Plumbing Engineer in Training (Minneapolis, MN)
- 2010-2014 Project Manager/Energy Analyst (Minneapolis, MN to Denver, CO)
- 2014-2018 Assistant Practice Lead, MEP Design (Denver, CO)
- 2018-2021 Bond Construction Project Manager (Boulder Valley School District, CO)
- 2022 Owner's Representative, District 6
- 2022-Present Director of Facilities, District 6



Weld County School District 6 Taking Action

Successes

- ESSER funding used to replace HVAC equipment beyond useful life – many horizontal unit ventilators
- Bond-funded new schools have displacement ventilation, dedicated outdoor air systems and perimeter radiant heat
- Bond-funded renovations received new equipment, or had ductwork and equipment cleaned and serviced
- Air purifiers in every classroom and office

Plans (and Hopes)

- Energy Team implementation
- Filter change schedule + efficiency
- HVAC system type consistency
- IAQ Management Plan
 - IAQ Champion
 - Preventive Maintenance Plans improve
 - Technical Guide and Educational Standards keep up to date



Action Learning: Build a Comprehensive IAQ Management Plan



Let's work through an IAQ Management Plan together!

Action Learning Worksheet



School Staff:

Use this worksheet to get started on developing, or updating, your IAQ management plan.

Architects, Building Designers, etc.:

This worksheet is for you too! This worksheet is designed for you to work with your school district clients to help them achieve their IAQ management goals.

\$EPA	Collaborative Indoor Air Quality Management		
Make the Case to Gain Bury-In Make the Case to Gain Bury-In Step 1: Make the Develop a value proposition basic reasoning for support Proactively addressing IAQ Help save your schoo Help save your schoo	Develop Your Plan Form a Committed Team and Communicate for Success Eva Communicate for Success ne Case to Gain Buy-in n. n. Write a succinct statement (2-4 sentences) clearly describing tangible results to ing your program, and a succinct success story that uses tangible results to a district money. of district money. of district money. of days by improving student and staff health. and staff performance. I environment and improve energy efficiency. It: in is focused on include [impacts/long-term outcomes] , my program will [achieve outcome/short-term and intermediatulation]	respond to incidents that impact MQ through operations and maintenance and compliance with local and federal regulations. to include in your IAQ management plan. d to ensuring healthy, safe, and comfortable learning and working taff. To provide high-quality learning environments in alignment with Ischool tagic graal, the following IAQ management plan was developed as a guide to test impacting air quality in school buildings with the following gaals: pollutants to reduce the likelihood of occupant health problems, act inflections, and allergic reactions. It y and maintain adequate ventilation rates by repairing and maintaining I promote a comfortable and productive learning and working us and problems in a prompt and thorough manner, and effectively we stigations and their resolution to all interested parties. such measures as preventative maintenance and regular building inspections ize liability risks, and foster a positive relationship among parents, teachers, the draw interest. maintenance	







Strategize Together With Your Team ✓ Define your program goals.

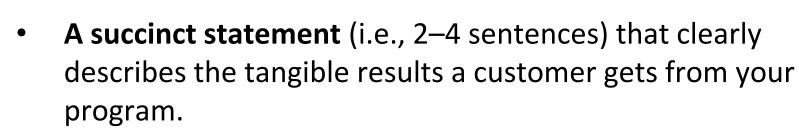
 \checkmark Identify existing assets and problem areas.

- ✓ Create a value proposition to secure buy-in.
- \checkmark Use financing tools to make the business case.

Making the Case: What Is a Value Proposition?

An analysis and quantified review of the benefits, costs and value that an organization can deliver to customers/funders and other stakeholders.

A value proposition is—



- An offer to someone in which they get more than they give up.
- The basic reasoning for why people should support your program.
- A succinct success story that uses tangible results to draw interest.





Making the Case for Proactive IAQ Management Plans SEPA

Your Value Proposition:

The bold goals my program is focused on
[impacts/long-term outcomes] _____, ____ and _____.

 For/By [inputs/investment] ______, my program will [achieve outcome/short-term and intermediate goal] ______ for [target population] ______ and will generate [benefits/cost savings] ______ over/within [time period] ______.

Example:

The bold goal my program is focused on is creating healthy learning environments for our students, protecting the health of custodial staff, and increasing the lifespan of the facilities through implementing green cleaning best practices as part of a comprehensive indoor air quality management program.

In addition, using green cleaning products is fiscally responsible. **By** changing to green cleaning products, **this program generated** \$175,000 in custodial cost savings for Columbia Public Schools **within** the first 2 years. **By** implementing a standardized cleaning process to ensure schools were clean and healthy, **this program generated** \$500,000 in cost savings, which was reinvested into the Custodial Department, **within** 1 year (2014–2015).

Weld County School District 6: Taking Action Creating Buy-In

Weld County School District Value Proposition:

The bold goals my program is focused on

[impacts/long-term outcomes] _____, ____ and _____.

 For/By [inputs/investment] _____, my program will [achieve

 outcome/short-term and intermediate goal] ______ for [target

 population] ______ and will generate [benefits/cost savings]

 ______ over/within [time period] ______.

Value Proposition Worksheet



June 2017

November 2017

Making the Case for Preventive Maintenance and Proactive Indoor Air Quality Management: Value Proposition Worksheet

The condition of the indoor environment in schools has a direct impact on health and performance outcomes for students and staff. Although most schools are working hard to provide a safe and healthy learning environment for all, there are times when a focused pitch is needed to help make the case for a specific action or program to an intended audience (e.g., superintendent, school board, teachers, facility director). Your value proposition statement is your "elevator pitch" for quickly describing the benefits of your program. The purpose of your statement is to demonstrate to your intended audience that your proposed activities are critical and worth funding/supporting.

This worksheet provides two tables to help you identify the key components of your value proposition. Once you have obtained your audience's attention, you can use the other components of your value proposition to secure their support.

Value Proposition Example:

The bold goal my program is focused on is creating healthy learning environments for our students, protecting the health of custodial staff, and increasing the lifespan of the facilities by implementing preventive maintenance best practices as part of a comprehensive indoor air quality management program.

In addition, implementing preventive maintenance practices keeps our facilities in good working order and helps extend the life of our equipment and assets, which will save money in the long run. By developing a preventive maintenance plan and implementing it, this program saved \$500,000 in reactive/emergency maintenance costs for Area School District within the first 2 years.

Get started by filling in Table 1 and Table 2 to determine the benefits of your proposed activities or program. Once those tables are complete, fill in the spaces below to complete your value proposition statement. Remember, every initiative or program is unique; you may have to tailor the template to fit your needs.

, my program will [achieve outcome/short-term and
for [target population] and will generate over/within [time period] .

 Table 1—Fill in Table 1 to determine your target population, inputs, activities, outputs, outcomes and impact.

You might have several outcomes, so pick the one or two most likely to entice your identified audience. If you have multiple intended audiences, you may have to tailor your value proposition statement for each.

 Table 2—Fill in Table 2 to determine the potential benefits and cost savings or potential revenue lost as they relate to your specific outcomes.

Table 1: Value Proposition Components

June 2017

This table is intended to help you identify the necessary components of your value proposition. Program evaluation is essential to securing funding and buy-in for the future. As you move through the worksheet, think through the different metrics your program will employ to measure and track progress toward each component. Please fill in the "My Program" row. Depending on your goals, you could focus on any number of activities and outcomes. Examples are inserted for your reference.

Logic Model as a Tool for Developing Your Value Proposition

My Target Population:

What is the target population your program is committed to serving? How many individuals are in your target population?

Example:

My program will serve 72,000 students in Davis School District.

Inputs	Activities ¹	Outputs	Outcomes	Impact
Investment/Cost/ Assets What resources (investment/cost/assets) do I need to put into my program or activities? My program	Tasks What activities will my program offer to achieve my desired outcomes?	Objectives What outputs can I measure to track my activities?	Short-term and Intermediate Goals What is my program committed to achieving for my target population? You could focus on outcomes from each category or focus on one category.	Long-term Mission What benefits will result for my population of focus?
Example Staff time: 1 FTE of S60,000 Funding: 515,000 grant Equipment and supplies: S5,000 Total: 580,000 # of hours of staff time to train or develop materials # of available/relevant partners, who could offer training or technical assistance	Assess: Conduct school walkthrough assessments twice per year using the <u>school IAQ Assessment</u> Mobile App. Act: Train 20 teachers and 10 custodial staff to implement green cleaning best practices or to take other actions to improve IAQ. Organize: Develop and institute a new policy for green cleaning and/or proactive IAQ management based on the <u>IAQ Tools for</u> <u>Schools</u> guidance to sustain changes.	# of walkthroughs conducted in # of buildings. # of teachers successfully trained. # of new policies approved. (EVALUATING YOUR PROGRAM: Where can you find the data you need the valuate you program? With whom can you partner to get the data?)	Health: • % reduced school nurse visits. # of IAQ-related health complaints reduced. # of impacted students. # of custodial health complaints reduced. Academic and Staff Performance: • # of school days missed. • % improvement in teacher retention. Instruction time increased. Facility/Environmental: # of school closings and the need to relocate students reduced.	Health: Health: Health: environment for students and staff. Reduced asthma exacerbations from asthma triggers in schools. S saved from reduced school nurse visits. Reduced liability and lawsuits. Academic and Staff Performance. Inproved state test scores. Increased attendance. Improved attenter and staff performance. Facility/Environmental: # of IAQ-related repairs reduced. \$ saved in operating costs.

¹ Refer to the <u>Framework for Effective School IAQ Management</u> for activity ideas related to the Key Drivers of Success and Technical Solutions.

Use this table to estimate your benefits and cost savings for your specific outcome(s).

Benefits and Cost Savings	Example Benefits and Cost Savings	My Program
Estimate the cost savings for your specific outcome(s).	Attendance Cost Savings: (# of children with asthma in NEISD schools: 8,361) X multiplied by (Aye, # of school days missed by students with asthma: 8) X multiplied by (Attendance daily rate by state: \$32) = equals (Potential revenue lost: \$2,140,416) Reducing aye, # of school days missed by those with asthma by 50% = \$1,070,208/year Improving attendance of all students with asthma by only 1 day = \$267,552/year Custodial Cost Savings: In 2 years, Columbia Public Schools, MO, saved \$175,000 alone by switching to green products: - Ecologo-certified paper towels and tissue: 22% - Green Seal-certified hand soap: 33% - Environmentally sensitive cleaning chemicals: 20% - Microfiber wipers and tools: 40% - Green Seal-certified floor finish and application: 28% - Trash can program: 30%, plus reduction of 40,000 bags into landfill - In-house equipment repair and preventative maintenance: 35%	
Estimate the benefits for your specific outcome(s).	Increased Academic Instruction Time: Baseline: 176 PRN visits x 26 min. = 76 hours 4 months later: 28 PRN visits x 26 min. = 12 hours	





 \checkmark Annual review of the IAQ management plan.

✓ Checklists, procedures and schedules.

✓ Walkthroughs and assessments.

- ✓ Address IAQ technical solutions.
 - Quality HVAC, air filtration and ventilation
 - Control of mold and moisture
 - Strong integrated pest management
 - Effective green cleaning and maintenance
 - Smart materials selection
 - Aggressive source control
 - Integrated energy management solutions

Essential Elements of an IAQ Management Plan

Developing Your IAQ Plan

- Prioritize actions.
 - Prioritize what is most important for your school.
 - What projects would most benefit your facilities?
- Put goals in writing.
 - Keeping track will help ensure that your team stays accountable.
- Start small.
- Work in stages.
- Plan for the future.





The IAQ Team

STEP 3

Form a Committed Team and Communicate for Success

✓ Contributes to the IAQ Management Plan creation and implementation.

- ✓ Evaluates non-routine IAQ concerns that have been reported to the IAQ Coordinator.
- ✓ Takes steps or recommends measures to resolve the reported concern.
- ✓ Meets regularly [monthly, quarterly, biannually or other time-frame as part of regularly scheduled health and safety meetings] to review ongoing IAQ issues and projects.

✓ Conducts an annual review of the IAQ Management Plan.

Why Is It Important to Communicate About IAQ?





Forming a committed team responsible for your IAQ management program not only keeps your IAQ goals on track, but also—

- Can lead to improved health and comfort.
- Help gain support from administrators and school boards.
- Strengthen community relations.
- Reassure school staff, parents and students.
- Encourage other schools to implement EPA's IAQ Tools for Schools resources.

Communication Is Key: Forming, Supporting and Developing IAQ Teams



- Mission Focus
- Recruitment and Retention
- Training and Professional Development
- Recognition and Awards
- Inclusion and Transparency
- Multi-Level Communications
- Cross-Team Collaboration
- Shared Accountability and Shared Credit
- Senior-Level Support and Commitment





Track, Measure, Analyze, Document, Celebrate ✓ Solicit feedback.

✓ Capture return on investment.

✓ Measure, assess and track program implementation.

✓ Document accomplishments.

✓ Determine the most effective strategies for continuous improvement.

Looking Ahead

Evaluating and monitoring the results of your IAQ management plan or program—

- Can keep your team accountable.
- Ensure responsible use of resources.
- Can help you refine your goals.
- Can help you redirect investments as needed to acquire resources.
- Confirms that your facility equipment are in good shape and help avoid costly IAQ issues.





Collaboration is Essential to Creating a Successful IAQ **©EPA** Management Plan

Teamwork makes the dream work!

EPA's tools and resources are the result of many great minds, experts and valuable experiences shared by diverse school districts.

We encourage you all to share your knowledge, reach out to others and build your own IAQ support network.

We hope that everyone here walks away with new potential partners in action.



Inflation Reduction Act Technical Assistance for IAQ **©EPA** in Schools

From 2025–2030, EPA anticipates using the technical assistance funds to—

- Provide technical assistance to schools (including recommended building construction, renovation and maintenance guidance as required by the Inflation Reduction Act statute).
- Execute a public IAQ/greenhouse gas reduction education campaign.
- Provide targeted staff IAQ implementation training to build a national learning cohort and community of practice.
- Fund research to address key IAQ topics and research and development gaps.
- Update older IAQ training, IAQ guidance and other IAQ content.
- Provide additional support to the 5 IAQ school grantees.

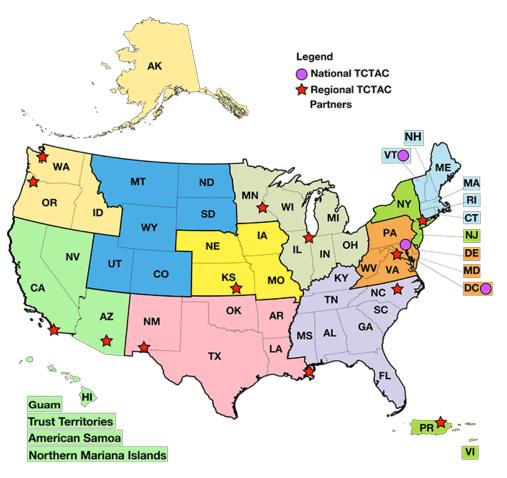
How Will the Inflation Reduction Act Funding Benefit **©EPA** the School Community?

American Lung Association American Lung Association.	Go Green Initiative 50 sreen initiative	New York State Dept. of Health and Health Research Inc.	U.S. Green Building Council's Center for Green Schools	University of Utah
Deploy the Clean Air School Challenge to raise awareness, educate, build capacity, increase implementation and recognize the efforts of schools in low- income, disadvantaged and tribal communities nationwide.	Provide education and training for school staff, administrators and school board officials involved in improving school IAQ and reducing climate pollution across all 50 states.	Provide capacity building in IAQ and greenhouse gas reduction in disadvantaged and tribal schools throughout New York state and additional states across the country.	Build capacity among school district staff in low-income, disadvantaged and tribal communities to establish IAQ management and greenhouse gas reduction plans.	Support the development of IAQ management and greenhouse gas reduction plans for schools in urban and rural areas in Utah and Nevada, as well as with the Northern Arapaho Tribe in Wyoming.

Resources

Find Support in Navigating the Federal Grants Landscape

- EPA's <u>Environmental Justice Thriving Communities</u> <u>Technical Assistance Centers</u> (EJ TCTACs) Program
 - Provide training and assistance to build capacity for navigating federal grant application systems, developing strong grant proposals and effectively managing grant funding.
- <u>EPA.gov/grants</u> Training Opportunities
 - Learn how to prepare your application and develop a budget.



Map of EPA EJ TCTAC locations



How Can Schools and School Districts Extend Their Collaborative Reach?

- Share Knowledge and Partner With Others
- Explore Federal Grants and Get to Know Grantees
- Connect with us to:

Tell	Your story
Learn	More about IAQ tools and resources
Pilot	IAQ tools
Receive	IAQ news

iaqschools@epa.gov



Scan the QR code above to subscribe to the EPA Schools Indoor Air Quality Connector Network for email updates.



Questions?



Additional Resources to Help You Get Started!





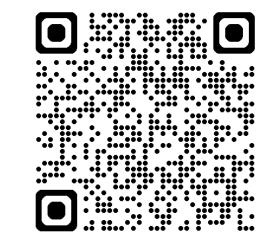
IAQ Tools for Schools Action Kit



IAQ Master Class Professional Training Webinar Series



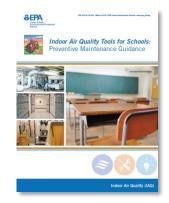
Energy Savings Plus Health Guide and Interactive Air Quality Planner



www.epa.gov/iag-schools



Framework for Effective IAQ Management



IAQ Tools for Schools: Preventive Maintenance Guidance



Thank You for Attending!

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