Making the Case: Funding and
Buy-in

Assertions

- Based on Data - True or False
- Shape Thinking in Groups
- Powerful Descriptors

“50% of the nation's schools have IAQ management plans in place.”
David Rowson, EPA IAQ Tools for Schools Program

“Unscheduled asthma visits have been reduced since beginning our IAQ program”
Pam Clark Hartford Public Schools
Assessments

- Are Generative and Create the Future
- Are Never True or False - can’t be verified
- Belong to the Speaker - highly personal opinions

Assessments

“This classroom is filthy.”

“IEQ costs too much”

“Our IEQ Program is effective”

“Our Schools are Clean, Safe and Healthy”

Assertion or Assessment?

- This IEQ Program is too expensive, we can’t afford it.
- Teachers won’t take the time to fill out checklists.
- IEQ is not related to our main mission of educating kids.
Key Question

• What are some of the assessments that are challenges to your IEQ Management Program?

Hear From Your Peers

• Victor, Melton, Carrollton-Farmers Branch Independent School District
• Arnold Anderson, Katy Independent School District
• Frank Di Nella, Keller Independent School District
• Dr. Brian Gottardy, North East Independent School District

Action Planning

• As you listen to the school district stories of success, write down your answer to the following question:
  • Which areas of the Key Drivers and Technical Solutions did these schools use to obtain funding and buy-in?
Funding and Buy-In

Importance of IEQ Initiative

- Not so much a funding issue
  - Buy-in is the key driver for your program
  - Involve all departments
  - Educate for success
  - Build credibility
  - Gain momentum

Key Driver for Technical Solutions
Developing Your Own IEQ Program

- Develop a core team
- Decide your needs
- Name your program
- Generate an SOP
- Continue to improve

Making the Case-Funding and Buy-in
Katy Independent School District

Organize for Success:
- Continue to secure Senior Administration buy-in even in a time of budget shortfall and possible staff reduction
- Continue to find ways to make our IEQ program more effective
Making the Case-Funding and Buy-in

**Communicate:**
- While investigating IEQ issue always make staff and students feel that their health and safety is always our number one concern and their detail information can help resolve their IEQ complaint or issues quicker
- Educating the staff district wide on their actions that could be the source of their IEQ complaints
- Newsletters

Making the Case-Funding and Buy-in

**Act:**
- Katy ISD, M&O, Environmental Department stands ready to assist campus administrators in discussing the IEQ reports or issues with their staff or parents
- Working with Katy ISD students to discuss what we do for the District and the different equipment we use during an inspection

Making the Case-Funding and Buy-in

**Recommendations:**
- You have to have Senior Buy-in
- Have documentation on your IEQ program (ex: reports, pictures, long range plans, work order system, K-drive)
- Start with what you have (health and safety department, operation staff, maintenance department, nurses, building administrators, teachers, etc.)
- Compare in-house cost verses outside contractors
HEALTHY SCHOOLS:
EFFECTIVELY IMPLEMENTING AN IEQ MANAGEMENT PROGRAM

Keller Independent School District
San Antonio
May 12, 2011

QUANDARY OF SCHOOL FUNDING
★ KISD Budget Cuts
+ Teachers
+ Library Books
+ Nurses
+ Counselors
+ Even some FOOTBALL
+ May Eliminate Bussing
★ IAQ Program has not been cut
+ It costs less to manage the environment than to not manage it!

KISD BENCHMARKS
BELOW MEDIAN TX DISTRICT
★ 2007 Custodial costs - $403,028.00
★ 2008 Custodial costs - $745,934.00
★ 2009 Custodial costs - $1,276,530.00
*Benchmark4Excellence, 07-08, 08-09, 09-10 school years
★ If you think you can’t afford it you may not understand it.
FOLLOWING THE FRAMEWORK

- **ASSESS**
  - WE KNEW NOTHING
  - PREVIOUS FAILURE
  - INDICATIONS OF POTENTIAL PROBLEMS

- **ORGANIZE**
  - CREATE IAQ TEAM
  - EDUCATE DISTRICT LEADERS

FOLLOWING THE FRAMEWORK

ONE ITERATION

- ACT: WALK-THROUGH
- COMMUNICATE SUCCESS
- EVALUATE NEW DATA
- PLAN CORRECTIVE ACTION

SECOND ITERATION

- COMMUNICATE SUCCESS
- ASSESS GAPS
- PLAN IMPROVEMENTS
- ACT: IMPLEMENT CHANGE
- EVALUATE PROCESSES

Making the Case: Funding and Buy-in

- Dr. Brian Gottardy, North East Independent School District
NEISD Division of Business Services & Operations
Key Driver - Organize

- Increase Student Attendance
- Increase Employee Attendance
  - Cleaner Buildings
  - Lower Asthma Incidents
  - Lower Health Care Costs
  - Lower Student/Employee Accidents
  - Lower Worker's Compensation Costs
  - Lower Utility Costs
- Facilities Maintenance
- Custodial Services
- Risk Management
- Safety
- Engineering
- Construction Management
- Health Services
- Environmental Health

Function 51: Plant Maintenance & Operations
General Fund

Texas Accountability Ratings

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87% of North East Schools received an Exemplary or Recognized Rating. NEISD achieved the “Recognized” District Rating for the third year in a row.
Bond Program Impact on Improving Indoor Air Quality & Environmental Health addressing Technical Solutions

- Two Capital Improvement Bond Programs Executed in past 6 Years including: 2003 & 2007 Bonds
- Total Funding by Bond Sales = $1.045B
- Total Funding of Bond Programs dedicated to the Improvement of Indoor Air Quality = $235M (22.5%)
  - Construct 11 New Schools (1 HS, 2 MS and 8 ES)
  - Replace 1 School (Roosevelt HS)
  - Major Classroom and Science Additions at Elementary, Middle and High School Campuses replacing a total of 172 Portable Buildings
  - Various Athletic, Fine Arts and Career & Technology Additions/Renovations
  - Upgrade all Campus Athletic Facilities (District-wide) with HVAC Systems (104 Gyms) including elimination of 21 Metal Gyms and replacement with Permanent Facilities

Technical Solutions – LEED

Cibilo Green Elementary School –
- 1st LEED campus in San Antonio
- Achieving Gold rating

Work in Progress

- Develop improved evaluation processes of data health of student/staff with performance/attendance
  - Health Check software development
  - walkthrough assessment software development
  - Prioritize Facilities Maintenance expenditures and effective Cleaning/maintenance activities that impact health of student/staff
  - Data Coaching individualized for each student

- Bond Program Fall 2011
  - continue IAQ efforts and technical solutions as we include improved HVAC, Smart Materials, Source Control in 2011 bond
  - 6 Key Drivers in bond program development process
Action Planning

• At your tables, discuss the following question:
• Which areas of the Key Drivers and Technical Solutions did these schools use to obtain funding and buy-in?

Lunch

Performance by:
Douglas MacArthur High School Fine Arts Program – String Quartet