



The IAQ Connection

*How One District Added
Student Achievement
To the Air Quality
Equation*



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Our Grant

- The American Association of School Administrators (AASA) offered a grant funded by the EPA for IAQ work.
- We applied for and received the grant.



Our Purposes

- To ensure that air quality did not impede student achievement
- To encourage students to understand and manage air quality in the school system





Goal:
Low or no cost
ideas for everyone
to improve
indoor air quality



Project Description

- **Research**
- **Interview**
- **Experiment**
- **Write**
- **Report**





What the Grant Funded

- Teacher **stipend** to work with students after hours
- Technical **manual** to distribute to all schools in the district
- Additional **vacuums** to ensure that each school site had the equipment
- **Miscellaneous** costs (transportation, teacher substitute during the school day, etc.)



A System-wide Bonus

- High school science lab credit
- Potential for other students





Turning Opposition Into Consensus



Our Indoor Air Quality Manual Suggestions





Suggestions for Teachers and School Staff

- Upholstered furniture
- Stuffed animals
- Live animals
- Plants



Suggestions for Custodial and Maintenance Staff

- Efficient Vacuums
- Frequent Dusting





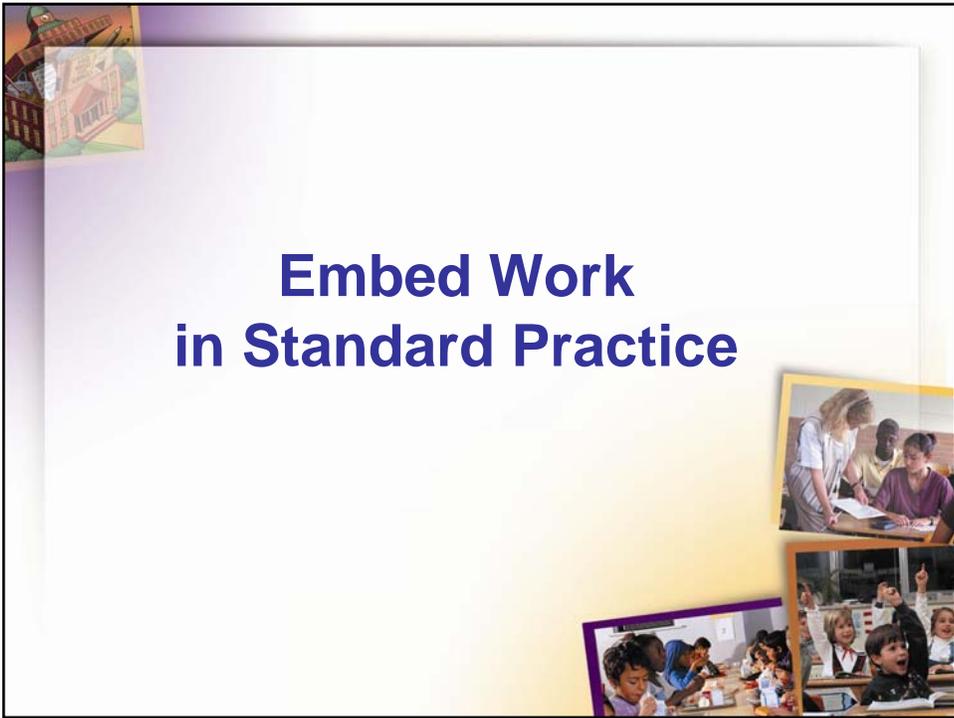
Suggestions for Students and the Community

- Perfume
- Hair Spray
- General Upkeep



Future Plans





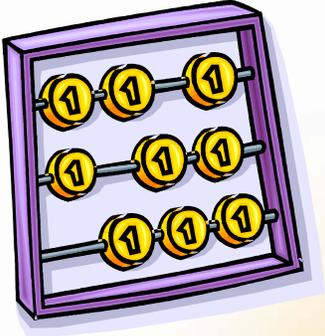


The Student Voice

“...who better to get involved than the youth. We have creative potential; it only has to be inspired.”



Student Achievement + IAQ = Results





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School Asthma and Air Quality Data Initiative

Student Involvement in a Grant
Provided by the Washington State
Department of Health





Grant Overview

- Three school districts in the state of Washington participating.
- Different regions of the state are represented.
- Grant provided by the Centers for Disease Control and the Washington State Department of Health



Goals of Grant

- Implement an absenteeism recording system that differentiates the general reason for the student absence.
- Conduct an annual survey to identify students with asthma and other conditions.
- Implement an electronic record keeping system of all health room visits related to asthma or asthma-like respiratory conditions.
- Implement a system for routine collection and storage of electronic air quality monitoring data from classrooms.





Student Involvement

- Students are working to meet the data collection goals.
- Students applied for positions and were interviewed, if necessary.
- Students made a commitment of forty hours.



Student Participation

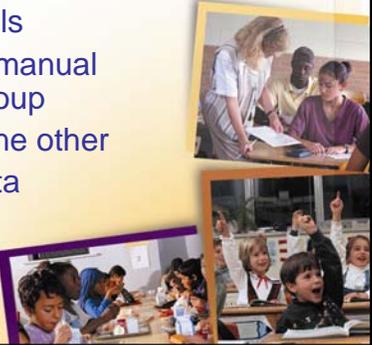
- One group of students from each of our middle schools
- 28 students total
- One teacher for each group and one facilitator
- Support from district office
- Received training on IAQ monitoring equipment
- Guest speakers
- Now beginning their collections





Student Activities

- Group research on asthma and IAQ
- Created PowerPoint's and shared with each other and the former student group
- Creating a joint PowerPoint on both IAQ and asthma
- Work with IAQ/asthma professionals
- Went through *IAQ TFS* Kit and the manual created by the previous student group
- Collect data at home school and one other
- Find ways to organize all of the data
- Will put together cumulative report



Why Our Programs Are Successful

- Compensation for leaders
- High school science credit given to students at completion of project
- Willingness of district personnel to work with middle school students
- Guest speakers sharing their knowledge with students





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Student/Teacher IAQ Activities Listserv

<http://groups.yahoo.com/group/StudentandTeacherIAQActivities>





Questions and Answers



Closing Remarks

E-mail additional questions to
IAQTraining@cadmusgroup.com

