

Six Solutions at Knowlton

Quality HVAC

- *Regular inspections/*Maintenance plan
- *Filters changed regularly
- *Outdoor air ventilation up to code
- *Regular cleaning of air supply diffusers, return registers and outside air intakes
- *Unit ventilators clear of items

Control of Moisture/Mold

- *Routine moisture inspections
- *Mold prevention/remediation plan
- *Indoor humidity- between 30% and 60%
- *Classroom dehumidifiers installed
- *Attention to areas of moisture immediately

Strong Integrated Pest Management

- *Regularly/randomly schedule inspections
- *IPM plan established
- *Open communication about treatments
- *Mark areas indoor and outdoor

Effective Cleaning and Maintenance

- *Routine inspections
- *High touch area consistent wipe downs
- *Preventative maintenance plan
- *Cleaning and maintenance staff trained on protocols
- *Dust removal via damp cloth
- *Vacuum using high-efficiency filters

Smart Materials Selection

- *Access to inventory list of products
- *Green product purchasing
- *Select products based on rating systems
- *Energy star appliances

Aggressive Source Control

- *Walk through inspections
- *Test for radon; mitigate if necessary
- *Hazardous materials plan
- *Chemical management/ inventory plan
- *Entrance and exit mats

What is your school doing?

- Knowlton has an IAQ team comprised of an administrator, teachers, maintenance staff and a parent to address IAQ concerns as they are brought forward.
- Established Wellness and Safety committees that meet regularly.
- We utilize EPA's Tools for Schools self-help kit to prevent and fix school building IAQ problems.
- Parent report form available in main office or on school website at www.knowltonschool.com under Resources.
- Staff are trained regularly on health and safety issues.

Our IAQ and Green Team Members

Franklin Bush – Head of Maintenance

Jeannine DeFalco - Superintendent

Dana Carroll – Vice Principal

Michael Brennan – Business Administrator

Colleen Apgar, Courtney Constantine, Jim Ferry, Pamela Janeiro, Katy Jones and Lexi Straulina.



IAQ PARENT INFORMATION

KNOWLTON TOWNSHIP SCHOOL DISTRICT

2022-2023

Good IAQ helps to provide a healthy and productive environment for students, teachers and staff in order to assist us in its core mission of educating children.

What is IAQ?

Indoor air quality (IAQ) is an increasingly important issue in schools across the nation. IAQ can directly affect the health and comfort of students and staff. The Environmental Protection Agency (EPA) defines Indoor Air Quality (IAQ) as:

- The temperature, humidity, Ventilation and chemical or biological contaminants of the air inside a building.
- IAQ refers to the quality of the air inside buildings as represented by concentrations of pollutants and thermal (temperature and relative humidity) conditions that affect the health, comfort and performance of occupants.

What is the significance of Indoor Air Quality (IAQ)?

- We all breathe air!
- Growing children with developing lungs are especially sensitive to environmental pollutants.
- Asthma, headaches, lethargy, nausea, drowsiness and dizziness can be distracting.
- Inhalation of pollutants can have adverse health effects, especially for one's respiratory system.



Did you know?

- Americans spend 60%-90% of their day indoors in classrooms, offices and at home.
- 90% of schools in the United States were built before 1980 and 50% of those before 1960.
- Nearly 60 million students and staff attend/work in our nation's schools, representing about 20% of the population.
- Almost 3 billion people worldwide use stoves or open fires that pollute the air when cooking.
- Asthma-related illnesses among students and staff is one of the leading causes of school absenteeism, accounting for 14 million missed school days per year.

If you have an IAQ concern, please visit our website at www.knowltonschool.com to complete an Indoor Air Quality Concern Form. Forms are also available by calling the main office at 908-475-5118.

