

# Why IAQ in Schools ?

## Key Benefits

- Achieve Highest Standards of Academic Excellence & Athletic Performance
- Improve Student Productivity, Attention, Memory, Concentration, & Problem Solving
- Monitor Sources of Indoor Air Pollutants to Mitigate Environmental Impacts
- Promote Health of Students & Employees
- Reduce Exposure to Asthma Triggers, Absenteeism, Nurse Visits & Employee Sick Time
- Implement Energy Efficient Solutions to Optimize Building Performance
- Reduce Cost of Maintenance



airthinX<sup>®</sup>



A cost effective, next generation solution in a single device to deploy throughout a school building & premises for continuous long term indoor air quality monitoring...

## Set Students Up for Success

Continuous accurate & precise indoor air quality monitoring in any infrastructure with never before seen information and analytics result in safer indoor spaces.

- **Monitor** key indicators of air quality in real time using a single wireless, cloud connected device with 9 sensors (PM<sub>1</sub>, PM<sub>2.5</sub>, PM<sub>10</sub>, CO<sub>2</sub>, CH<sub>2</sub>O, VOCs, Temperature, Humidity, Pressure).
- **Prevent** asthma and respiratory symptoms triggered by PM & humidity, lethargy brought on by spikes in CO<sub>2</sub>, & worker sick time from exposure to and inhalation of VOCs by real time IAQ monitoring.
- **Generate valuable data** of the entire school premises to substantiate corrective action before contamination with sophisticated alerts via text or email.
- **Ensure** the safest environment & most energy efficient use of systems with access to IAQ data anytime anywhere for school building managers via a mobile phone or on the web.
- **Determine** if mechanical & air filtration systems are effective, optimize systems, and lower operational costs.
- **Obtain** up to 17 LEED credits for energy & 15 LEED credits for indoor air quality.
- **Realize** energy, maintenance & operational dividends.
- **Benefit** from a large scale solution enabling rapid deployment of a single device in every classroom, studio, & gymnasium, simplifying everything.

