Clean Air For Health Attendance And Achievement

1 30,000 breaths

Children take around 30,000 breaths per day. We regulate the food they eat and the water they drink, but not the air they breathe

2 Place and postcode

Over 25,000 schools are built in areas where air pollution exceeds World Health Organisation limits. Where a child attends school is not a choice they make

3 Outdoor air

Traffic pollution, smoke and fine PM2.5 particles containing toxins enter classrooms through windows and gaps. Most classroom PM2.5 comes from outdoors

4 The invisible cocktail

Classroom air can contain a mixture of traffic pollution, allergens (dust mites, pollen mould) airborne pathogens (flu,COVID-19), chemicals, microplastics, CO_2

The Good News

Research and real-world evidence show that healthy classroom air is achievable

Monitor Ventilate Filter Adapt

www.SafeAirSchools.org

5 Same air, different risk

Children share the same classroom air, but not the same risk. Age, asthma, allergies and other medical conditions affect how air quality impacts health

6 Vulnerable people

Every classroom includes medically vulnerable children and staff. 2-3 children in every class have asthma, and up to 90% also have allergies. Airborne allergens can trigger asthma attacks

7 The leading cause of school absence is illness

Colds, flu and COVID-19 spread easily through air, especially in poorly ventilated spaces. They can worsen existing conditions, lead to new or lasting illness

8 Healthy air

Healthy classroom air improves concentration, test scores, cognitive function, academic performance and attendance, short- and long-term health

Safe Air Schools UK