

# Schools Indoor Air Project (ScIP)



## What is the ScIP Project?

**ScIP** stands for Schools Indoor Air Project. The main goals of this school-based project are:

1. To encourage healthier indoor environments by installing better filters or air purifiers to clean the air.
2. To measure improvements in air quality after filters are placed in classrooms.
3. To encourage your school, other schools, and childcare settings to use air filters to improve indoor environments and health.



## How can we make our air cleaner?

**Air filters** are devices used to remove pollutants from the air. There are many kinds of air filters. Air filters are part of heating/cooling ventilation systems used in buildings. **Free-standing** air filters (sometimes called air purifiers) are portable and look like electric fans.

## Clean air vs dirty air: What's the difference?



**Clean air** is air without harmful pollutants. **Pollutants** are substances that make the air impure and often unsafe. Pollutants can include:

- Particles
- Dust
- Gases

They can come from all sorts of places, including:

- Car and truck exhaust
- Factories
- Cigarette smoke
- Sometimes building material and material in heating and cooling systems

**Dirty air** is the opposite of clean air. It contains harmful pollutants that can harm our hearts and lungs and make us feel sick. Dirty air is especially bad for people who have **asthma**, which is a condition that can make it hard to breathe. Symptoms of asthma can become worse when the air is polluted.

