Discovery Lab

Air Pollution

3rd Grade

**Supplies**

* Scissors
* Index cards, white, one per student
* Hole punch
* String
* Two-sided tape
* Wax paper (optional)
* Sandwich bags (optional)

**General information:**

Dust turns sunsets orange and red. It does other good things, too. But dust and other particles can also make you sick— especially if you have allergies or asthma.

Imagine yourself relaxing. Your brain controls your breath automatically. In… Out… In… Out…

The air has oxygen and other chemicals. But it also carries dust, tiny animals, and other stuff. Some of this stuff is clinging to the hairs of your nose. Let’s see what’s hiding inside your nose.

**Procedure:**

Make Air Pollutant collectors:

* Punch a hole in the index card and tie a string through the hole for hanging.
* Put several pieces of two-sided tape on the index card.

Hang Air Pollutant collectors around the school grounds (indoor and outdoor)

(OPTIONAL) Make a second card to take home

* Wrap the collector in wax paper, place in a sandwich bag for the student to take home.

When the students take them home they can hang the card in any location. They can also make more when they get home to compare different areas of their houses.

Leave them for 1 day or for one week and compare the amount of dust collected on the tape.