

AirJunk

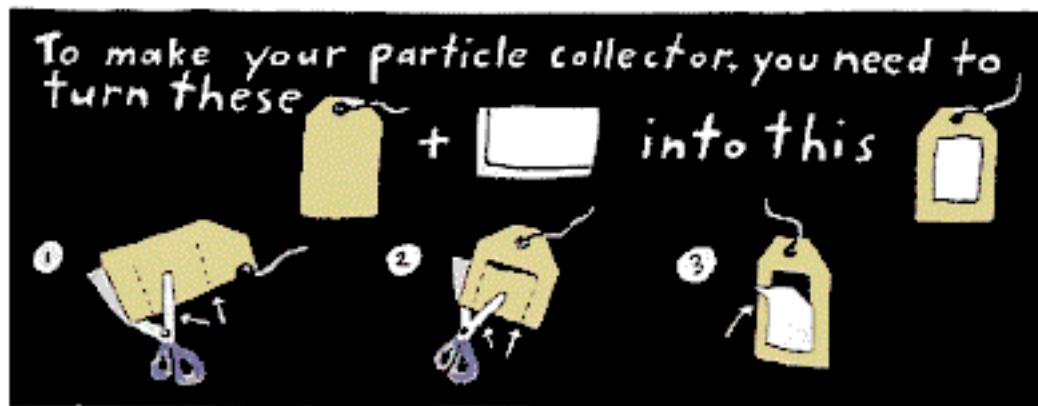
Specks, Flecks and Particles in the Air

<http://www.hhmi.org/coolscience/airjunk/index.html>



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.

Here's what you need to make six airborne junk detectors:



1.
An 8" x 10" (205 x 255 millimeters, or mm) piece of shoe-box cardboard or stiff paper from a file folder.
2.
Six pieces of sticky stuff. Sticky labels or transparent tape work fine. Each piece should be about 1-1/2" x 3-1/2" (40 mm x 90 mm).
- 3.

One light string per collector, 12" (300 mm) long.

4.

Tape to hang the collector strings.

5.

A magnifying glass (if you have one).

1.

Print out the pattern page.

2.

Cut out six collectors, using the pattern from the page.

3.

Fold each collector and cut out the inside window. Then flatten the collector.

4.

Write the location and starting date and time on each collector.

5.

Hang the collectors wherever you are curious about the air. Or use these suggested locations:

- Above your bed, near where you breathe.
- On the inside or outside of a window.
- Near a heating vent.
- Above the cooking stove.
- On a wall near the floor or ceiling.
- On your main entry door.
- Under a tree.

6.

Cover the window on the collector with the sticky label or tape. Put the sticky side up or out.

7.

Wait a couple of days and take the collectors down. Write the ending time and date on each. Don't touch the sticky stuff!

●

Location:
Starting date:
Time:

Cut out window

Ending date:
Time:

●

Location:
Starting date:
Time:

Cut out window

Ending date:
Time:

●

Location:
Starting date:
Time:

Cut out window

Ending date:
Time: