How Clean is your Air?

You Will Need:

Jam jar lids or other shallow containers
Petroleum jelly
Spoon
Magnifying glass

What to Do:

1. Cover the lids or base of the containers with the petroleum jelly using the back of the spoon.
2. Position the lids or containers in different places to test the air. You could put one inside the classroom, place some around the school grounds and even leave one in your bedroom or kitchen at home. Take care to position them so that they are exposed to the air but not in danger of being stepped on. It is also best to avoid leaving them out in the rain.
3. Collect the lids/containers after a few days.
4. Observe the jelly. Record your observations:

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Think About It!

1. Which was the dirtiest/cleanest lid?

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2. Which area can you conclude was the most/least polluted? How do you know?
3. What do you think might have caused the pollution in each area?

4. How could some of this pollution be prevented?