

Sticky Dust

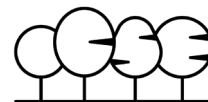
Monitor how much dust is in the air by trapping it with sticky tape

Materials:

- 4 sheets of A4 paper
- Sticky tape
- Pens
- Blu Tack or equivalent
- Magnifying glass
- Scissors



1. Choose four safe outdoor locations to set up dust traps.
2. Write down the location, start date and time on a different sheet of paper for each trap.
3. Cut a 20cm piece of sticky tape and make a loop. Stick one side onto the paper and leave one sticky side exposed to the air. Do this for each of the locations.
4. Use Blu Tack to attach the paper with the sticky tape on it to a wall or window at each of the locations.
5. After a week, collect the papers. Take a photo of the trapped dust. Next, remove and examine the exposed tape (a magnifying glass may help).
6. Record your results in the table on the next page.



	Location	Exposure time (days)	Observation of tape
1			
2			
3			
4			

Questions:

1. Where did you trap the most, and least, dust?

Most: _____

Least: _____



2. Suggest reasons for the differences.

3. Would the results be different if the pieces of paper were left in position for months? Suggest why or why not.