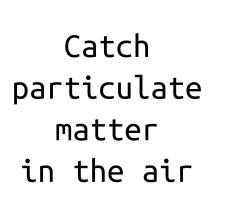


Research your environment

cleanest outdoor air. to discover where you can enjoy the is. Put a meter in your garden or balcony walking or cycling route to work or school choices. Find out what the most healthy air are high, we can make healthier If we know where particulate levels of the

the air quality in the kitchen. Or inside, near your stove to investigate crossing and a park to see the differences. Measure the air at a busy street or :qJT



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collecting folk remedies do it together & find out how things work





from exhaust fumes by traffic, cattle farms chemical composition. Most of them come bne nigino ,esis ni gninellib nettem lo the 10 micrometer (PM10). They consist particles floating in the air, smaller What are they? Particulates are small most harmful forms of air pollution. But every day: particulate matter, one of the Me can't see them, but do inhale them Introduction

and (industrial) combustion processes.

affected by this form of air pollution. of lung disease are vulnerable and are Especially people suffering from a heart masks nowadays, to filter the particulates. and these large cities are wearing face health risks. That is why so many people Delhi, dirty air is one of the most common In large cities, like Shanghai or New

own low-tech measuring device. instructions on the back side to make your to improve conditions. Follow the neighbourhood is and what you can do contain? Discover how healthy your How much particulate matter does the air





Catch particulate matter in the air

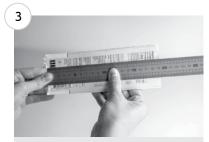
Make your low-tech particulate matter meter with the help of an empty milk carton and discover how healthy your environment really is.



Cut off the top and bottom of the milk carton.



Cut the sides at the folds, creating long strokes.



Measure each stroke and exactly cut it in half.



Paste a piece of double-sided tape at the printed side of the carton sections.



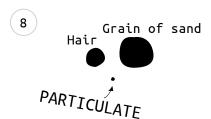
Apply a layer of vaseline to the whole surface of the white sides.



Now gently peel off the protective layer of the double-sided tape.



Put you particulate meter at a place you want to measure the amount of particulate matter and wait a few days.



Reading the results:
Look how many dark dots
appear on your meter. The
more dots appear, the more
particulate matter is floating
in the air. Compare the
different spots you have
measured.



We are curious about the results of your particulates meter! Share them with us by using #sciencebus on instagram or twitter. Want to find out more? At togethersciencebus.eu you can find more instructions to measure things yourself.