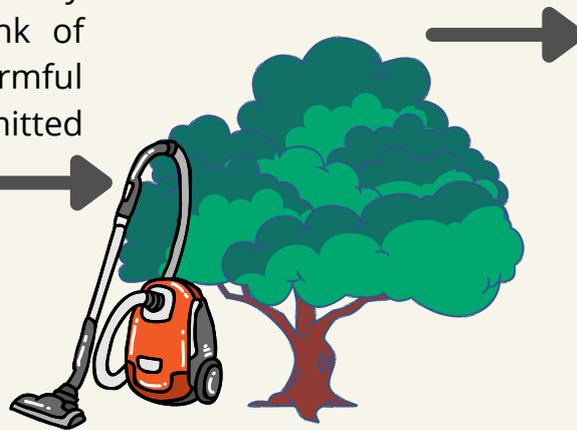


PLANTING HEALTHY AIR THROUGH THE POWER OF TREES



Trees **help us to breathe** by literally cleaning the air around us! Think of them like hoovers; sucking in harmful pollutants and toxins which are emitted by everyday activities.

HOW DO TREES 'CLEAN' OUR AIR?



Through the process of **photosynthesis** trees release oxygen back into the atmosphere – oxygen is fundamental to our existence on this planet, and without it we would not be able to breath!

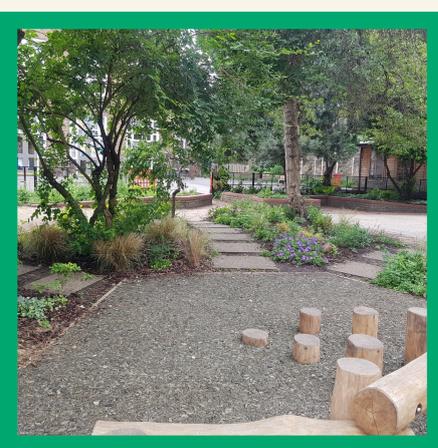


Leaves have **small pores (or stomata)** which open up and allow the polluting gases such as Nitrogen Dioxide (NO₂) inside the leaf. Once these gases are inside the trees internal structure, they are no longer in the air and harmful to humans.



Trees are also effective at trapping **particulate matter (PM)** on their hairy, waxy leaf layers. PM are tiny particles of metals and dust produced by fossil-fuel burning vehicles, factories and construction sites. PM can easily be inhaled and is a big concern for the rising asthma levels in children.

HOW CAN SCHOOLS PLANT HEALTHY AIR?



- **PLANT HEDGES NEXT TO BUSY ROADS TO HELP SCREEN THE PLAY AREAS**
- **INCREASE CANOPY COVER TO HELP 'TRAP' AND 'DISPERSE' HARMFUL GASES AND TOXINS.**
- **USE NATURE AND OTHER FEATURES TO ATTRACT CHILDREN TO PLAY IN AREAS OF THE PLAYGROUND FURTHEST AWAY FROM BUSY ROADS**
- **LEARN ABOUT WHAT CAUSES AIR POLLUTION AND WHAT YOU CAN DO TO REDUCE YOUR EXPOSURE TO IT. MORE INFO CAN BE FOUND [HERE](#)**

The best solution is to get to the root cause of the pollution, however trees and plants offer help to reduce exposure and risk

REGISTER YOUR INTEREST IN A PROJECT AND FIND OUT MORE BY EMAILING:
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