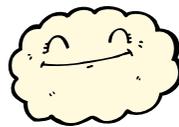


Lesson 2: Air

CLEAN AIR - HEALTHY LUNGS

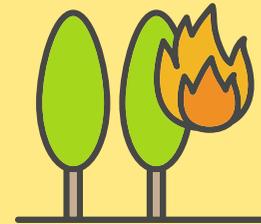
WHAT IS AIR COMPOSED OF?

- Air is made up primarily of oxygen and nitrogen, with small amounts of other gases like methane and carbon dioxide
- Plants, animals and people cannot live without air
- As such, it is not surprising to learn that clean air is essential for a healthy life - both today and for future generations



SOURCES OF POLLUTION

- Burning biomass - natural or man made fires of various kinds of biomass releases pollution into the atmosphere
- Fossil fuels (e.g., coal & gasoline) are still widely used around the globe in cars, planes and for heat
- Air pollution comes in many forms (e.g., aerosol cans, air fresheners & household cleaners)



TYPES OF AIR POLLUTION

PM (Particulate Matter)



smoke

O₃ (Ozone)

Pb (Lead)

soot

SO₂ (Sulfur Dioxide)

CO₂ (Carbon Dioxide)

NO (Nitrogen Oxide)

CO (Carbon Monoxide)



WHAT WE CAN DO

- Practice safe fire prevention, especially in periods of drought
- Chose sustainable transportation (e.g., train, bike, walk, carpool)
- Plant lots of native species of plants and trees
- Grow Aloe Vera in the home to reduce indoor air pollution
- Transition to live off-grid with renewable energy sources and use of environmentally conscious building materials