



 airly

#LETSCHOOLS
BREATHE

WHAT IS SMOG AND HOW DOES IT FORM ?

The word “smog”

is a mixture of the words: “smoke” and “fog”. This combination has spread around the world, and perfectly defines the problem. Smog forms when air mixes with pollutants and exhaust fumes.



Smog can also be described as an artificial fog, which is unnatural, and only exists because of human actions.

Some causes are factories, more cars, burning coal, wood and other solid fuels. It can also appear due to the weather or climate, like rain.



SOLVE THE CROSSWORD PUZZLE AND CHECK WHAT WE SHOULD CARE FOR EACH DAY

1. It is produced by the car
2. It is in the layer around the earth that protects us from UV rays
3. It is extracted in mines
4. It cannot be burned in a stove
5. It is an element that endangers forests
6. It takes 1000 years to decompose
7. This drives windmills
8. A planet where people live
9. Green in the spring and colourful in the autumn





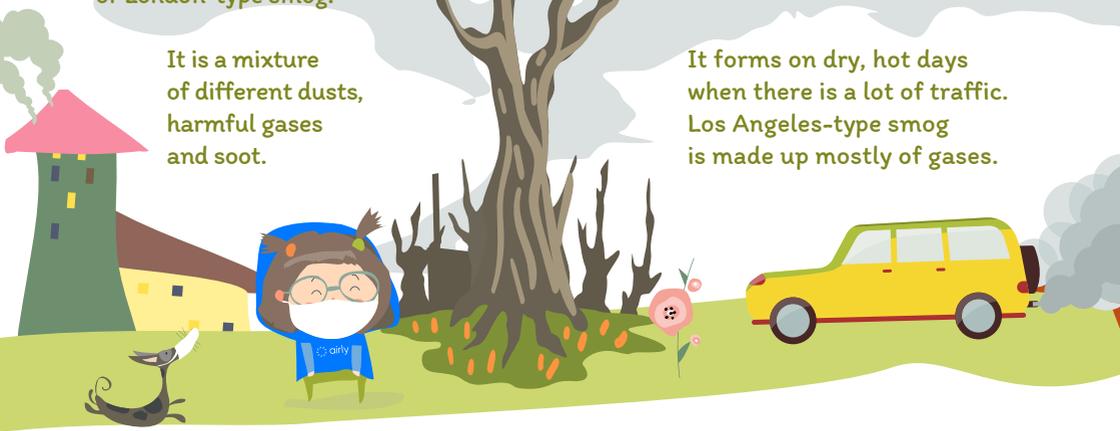
TYPES OF SMOG

The acidic smog, or London-type smog.

It is a mixture of different dusts, harmful gases and soot.

Photochemical smog, or Los Angeles-type smog.

It forms on dry, hot days when there is a lot of traffic. Los Angeles-type smog is made up mostly of gases.



HELP CHILDREN FIND A PLACE WHERE THERE IS NO SMOG AND THEY CAN BREATHE EASILY. REMEMBER THE PLANTS THEY WILL BE PASSING BY, BECAUSE THEY HELP CLEAN THE AIR.



PEACE LILY



FERN



LOW DATE PALM



GERBERA DAISY



START



HOW DO YOU PROTECT YOURSELF FROM SMOG?

Take care of your health. Monitor air pollution on a regular basis (you can do this at airly.map.org), and if the air quality in your area is bad, try to minimise outdoor activities.

On smoggy days, wear special masks that filter air from pollutants.



It is necessary to have a good diet, with omega-3 fatty acids, vitamins B6, B12, C and E, which strengthen your body and make it more resistant.

It is worth having an air purifier in your home, which will remove dust, allergens and viruses.

COMMON IVY

WRITE DOWN ANY OTHER WAYS TO REDUCE AIR POLLUTION.



HOW DOES SMOG AFFECT OUR HEALTH ?

The effects of air pollution are very easy to see
- we all see thick smoke over the city
and find it harder to breathe polluted air.



However, the effects of smog can be much more severe than some people think.



Smog has a very strong impact on our health, leading (with prolonged exposure) to:

- the onset of allergies and asthma,
- weakening of the body's immune system,
- circulatory system and cardiovascular diseases,
- liver disorders,
- respiratory failure.



OUTSIDE

WORD SCATTERPLOT:

Put together a sentence from the scattered words

FRIENDS

AND

WILL

TO

I

FUN

I

WE

AGAINST

AT

MY

THROW

SMOG

WANT

SNOWBALLS

HAVE

SO

FIGHT

ASK YOUR PARENTS AND CHECK AIR QUALITY IN YOUR AREA
AT MAP.AIRLY.ORG OR ON THE AIRLY MOBILE APP
AVAILABLE IN THE APPSTORE, GOOGLEPLAY AND APPGALLERY.

GET IT ON
Google Play



Download on the
App Store



EXPLORATION ON
AppGallery



SOLVE THE REBUS

START



1

CE



2

H = WAN



3

Y



4

ANCH

5

C = E



GRY



7

OUO + E

HEY

Y

6

8

ANSWER

Three horizontal lines for writing the answer.



P = A
ATE

9

