

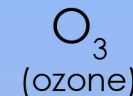
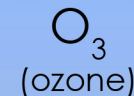
Air Chemistry and Pollution

Sun

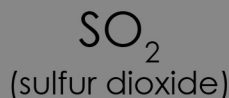
Build these molecules using the formulas. Place them on the outlines.

Ozone Layer

Ozone in the upper atmosphere is good for us



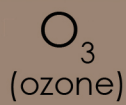
These pollutants are created by burning coal for electrical energy.



These pollutants come from incomplete combustion reactions in truck and car engines.



In sunlight, pollutants react with the air, creating these new pollutants. They form smog when mixed with soot.



Ground ozone is bad for us



Coal Fired Electric Plants

1-800-How's My Driving?

Air Chemistry and Pollution



Sun



Ozone Layer

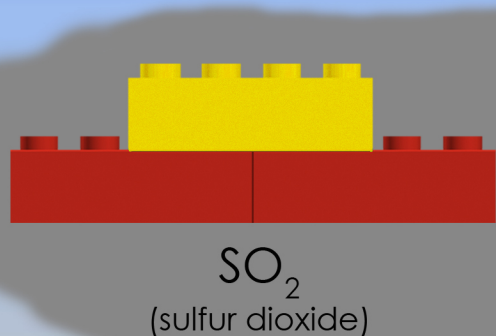
Ozone in the upper atmosphere is good for us

O_3
(ozone)

O_3
(ozone)

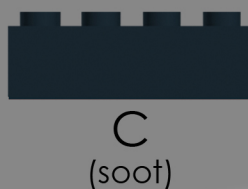
O_3
(ozone)

O_3
(ozone)



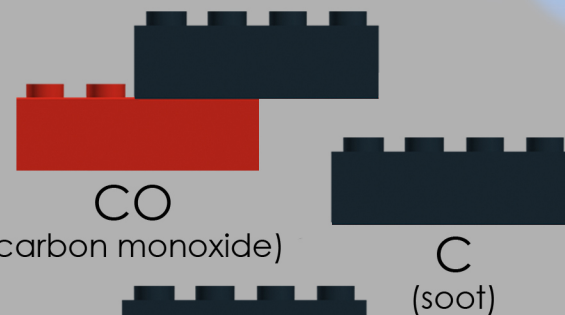
SO_2
(sulfur dioxide)

These pollutants are created by burning coal for electrical energy.



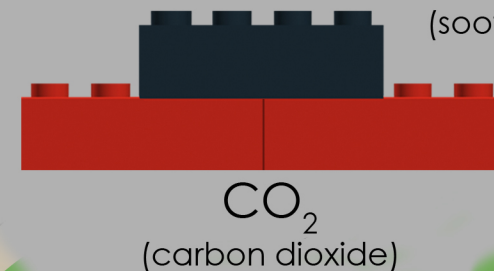
C
(soot)

These pollutants come from incomplete combustion reactions in truck and car engines.



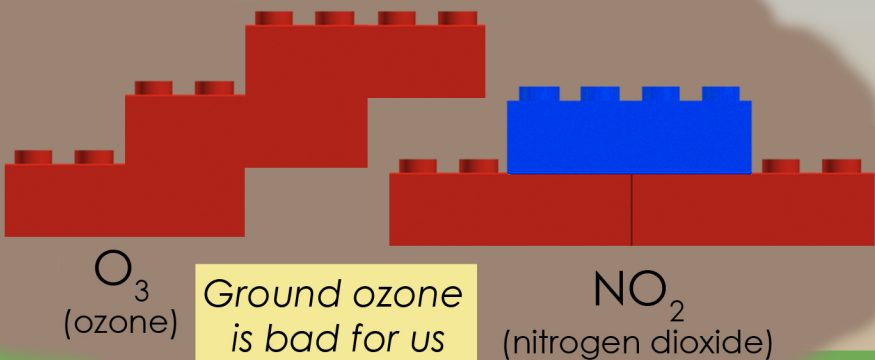
CO
(carbon monoxide)

C
(soot)



CO_2
(carbon dioxide)

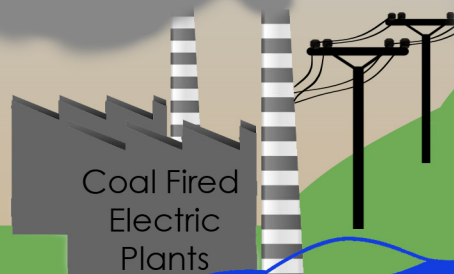
In sunlight, pollutants react with the air, creating these new pollutants. They form smog when mixed with soot.



O_3
(ozone)

Ground ozone is bad for us

NO_2
(nitrogen dioxide)



Coal Fired
Electric
Plants



1-800-How's
My Driving?