

Air Chemistry and Pollution

Side 1
Basic

Sun

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

Ozone Layer

Ozone in the upper atmosphere is good for us

O_3
(ozone)

O_3
(ozone)

O_3
(ozone)

O_3
(ozone)

These pollutants are created by burning coal for electrical energy.

SO_2
(sulfur dioxide)

C
(soot)

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

CO
(carbon monoxide)

C
(soot)

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

CO_2
(carbon dioxide)

O_3
(ozone)

Ground ozone is bad for us

NO_2
(nitrogen dioxide)

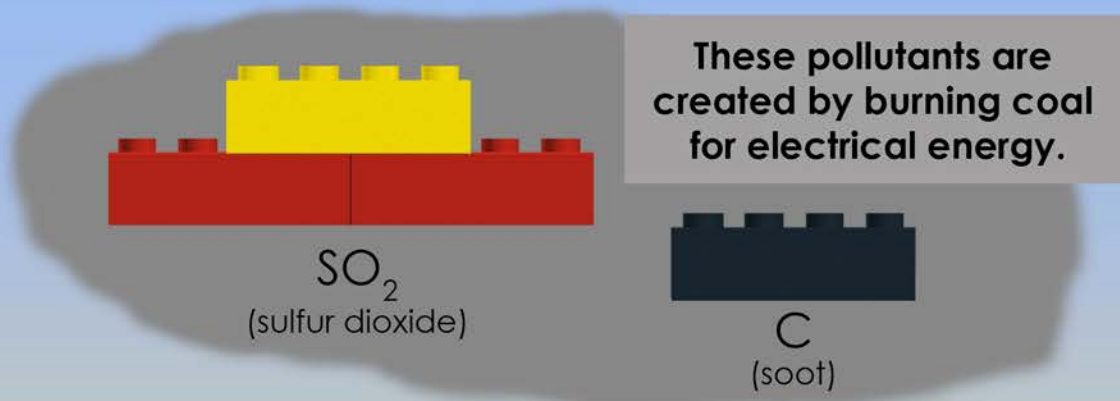
Coal Fired
Electric
Plants

1-800-How's
My Driving?

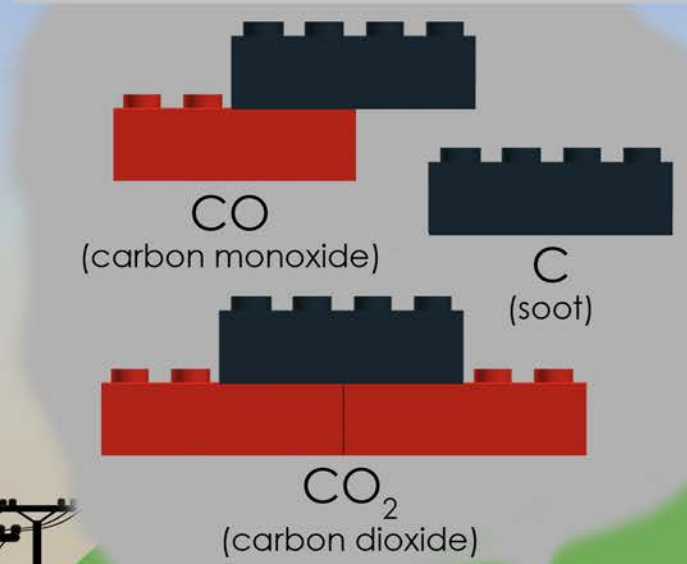
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Sun



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