

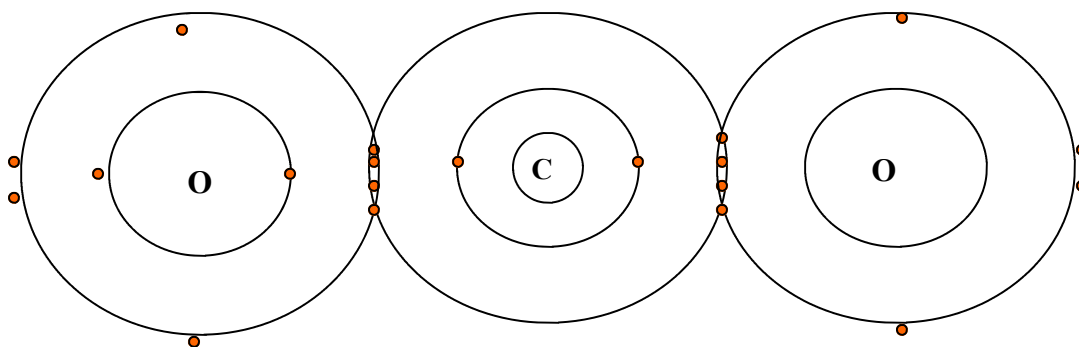
CO₂ Demo
Carbon Dioxide
A compound

Consists of three atoms combined chemically

2 O Oxygen = Atomic # 8 = 8 protons(+) = 8 electrons (-)

1 C Carbon = Atomic # 6 = 6 protons (+) = 6 electrons (-)

Electron dot Diagram of CO₂ Molecule Double Bond of shared electrons

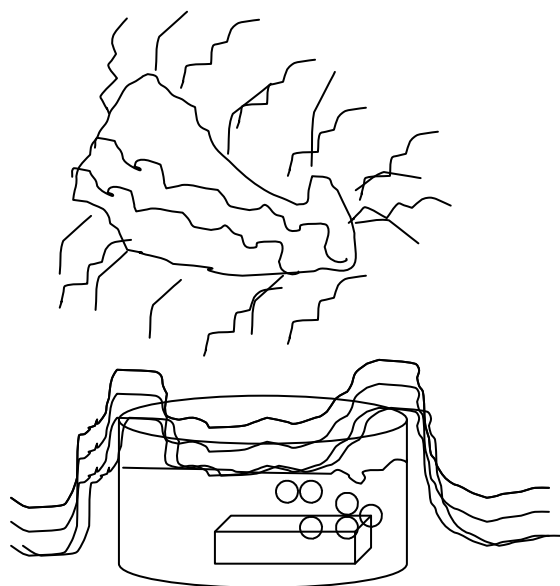


Found naturally in our atmosphere as a greenhouse gas.

Exhaled by animal life and absorbed by plant life.

Created by the burning of fossil fuel... Is an issue connected with Global Climate Change.

Too much CO₂ in atmosphere traps heat from the sun



T₁

Piece of dry ice

Looks white

Solid...crystalline solid

Sublimating directly to a gas

Slides easily

Particles vibrating

T₂

In water **solid** dry ice is more dense

Gas is less dense than water (Bubbles)

But gas more dense than air

(Gas falls down)

T₃ (not shown) Put out candle

Does not support Burning.