

# Organic Chemistry

- Deals with compounds of ~~CARBON~~ CARBON

BUT NOT ALL carbon compounds are organic

- Oxides : CO or CO<sub>2</sub> are NOT organic

- As well as ionic compounds : CN<sup>-</sup> or CO<sub>3</sub><sup>2-</sup> NOT O.

## Fossil Fuels

- coal, natural gas, crude oil, oil sands, heavy oil.  
↳ non-renewable.

Why are they important?

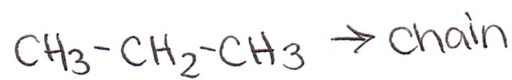
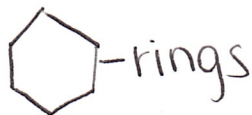
- burned to produce heat and useful energy.

## Hydrocarbons

- 2 main groups: Aliphatics and Aromatic.

### Aliphatics

- hydrocarbons that contain chains of carbon atoms OR closed rings.



### Aromatics

- compounds that contain benzene-like structure / properties

