

* Functional Groups

Learning Goals:

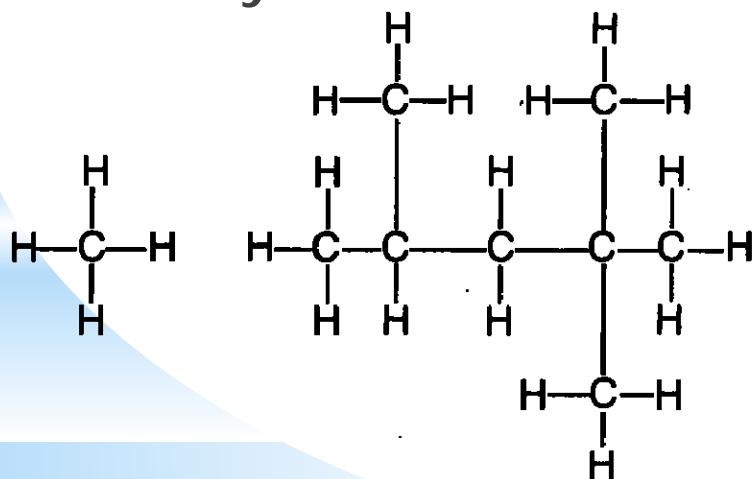
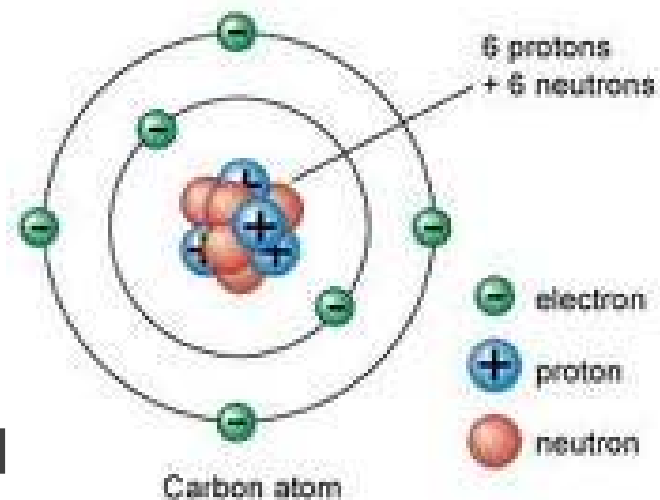
- identify functional groups in compounds
- give examples of where functional groups are used in biology

* Carbon - the backbone of life

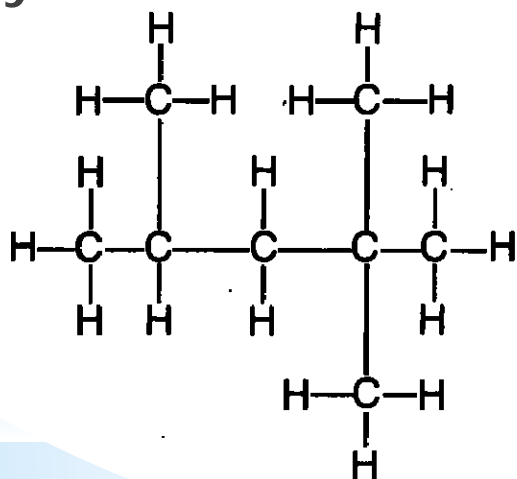
* Organic compounds:

* Class of compounds that contain carbon (with a few exceptions)

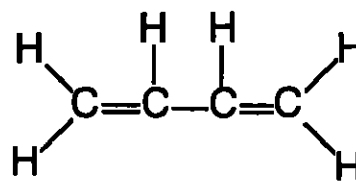
* Hydrocarbons: contain only C & H



Methane



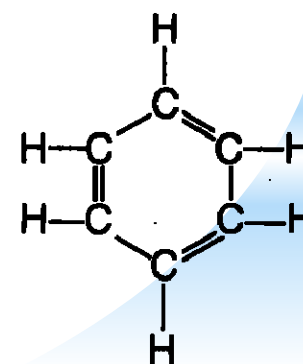
Iso-Octane



Butadiene



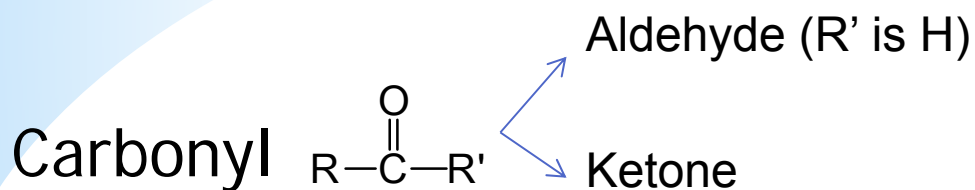
Acetylene



Benzene

* Functional Groups

* Groups of atoms within molecules that are involved with chemical reactions.

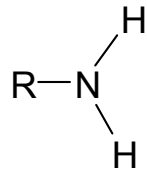


Found In/Example	Properties

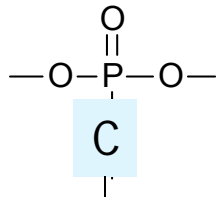
*Functional Groups

*Groups of atoms within molecules that are involved with chemical reactions.

Amino



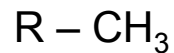
Phosphate



Sulfhydryl /
thiol



Methyl



Found In/Example	Properties