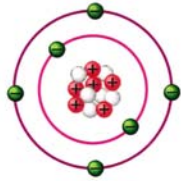
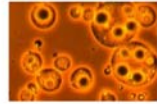


All living things are made up of Carbon (ORGANIC)

Carbon can combine with: C, H, O, N, P, S

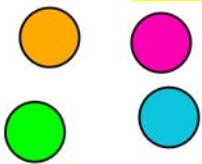


● - Electron
⊕ - Proton
○ - Neutron

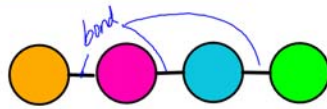


MacroMolecules = Large molecules

Macromolecules are made from smaller molecules



Monomers: single molecule



Polymers: chain of molecules

MONOMERS

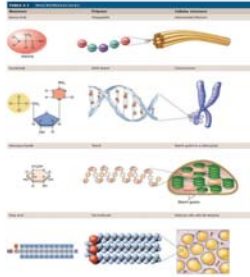


POLYMER



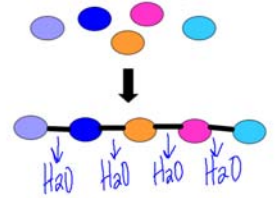
4 Macromolecules:

1. Carbohydrates
2. Lipids (fats)
3. Proteins
4. Nucleic Acids



When monomers add together to form a polymer, H₂O is released

-Condensation/Dehydration Rxn (reaction)



To break apart a polymer, H₂O is added to form monomers

-Hydrolysis Rxn

