



and in OSE

Carbohydrate

made of simple sugars (monosaccharides)  
2:1 H to O ratio  
provide energy

contain carbon and hydrogen

4 organic molecules

made of glycerol and fatty acids

Lipid

makes up cell membrane  
2x energy as carbs  
fats, oils, waxes

phosphorous, sugar and bases

DNA and RNA

Nucleic Acid

building blocks are nucleotides  
genetic code

connected by peptide bonds

building blocks are amino acids

Protein

shape specific  
speed up chemical reactions