

Macromolecules

Organic Molecule

Carbon-Based Molecule

Carbohydrates

Starches

sugar

bread, rice, pasta,
potatoes

Structure of plants

Monosaccharides

main energy source

Lipids

Stored energy

butter, fried foods, dressings

Fats

waxes

Cholesterol

make up cell membranes

oils

Glycerol & fatty acid tails

make up hormones

cushion/insulation

Proteins

Amino Acids

fight disease

controls chem. rxns

hemoglobin

cell transport

meat, eggs, beans, nuts

form muscles/bone

Nucleic Acids

DNA

RNA

Nucleotides

genetic info

Makes proteins

passed from parents to offspring