Organic Compound Color Coded Concept Map

1. Written in BLACK in the middle of your paper: ORGANIC COMPOUNDS
2. Written in BLUE stemming from the middle: CARBOHYDRATES, PROTEINS, LIPIDS and NUCLEIC ACIDS.
3. You need to match these with the correct Organic Compound:

|  |  |  |  |
| --- | --- | --- | --- |
| Written in RED are facts | Written in PURPLE are examples | Written in ORANGE are subunits/monomers | Written in BROWN are food sources |
| * Genetic information * Quick energy source for cells * Structure * Insulation * Energy storage * Determines traits * Names end in –ose * Contains the directions for making proteins * Speeds up chemical reactions * Waterproof coverings * Names end in -ase | * Fats * DNA * Lactose * RNA * Hemoglobin * Oils * Muscles * Skin, hair, nails * Wax * Cellulose * Sucrose * Glycogen * Glucose * Starch * Enzymes * Insulin | * Amino acids * Monosaccharides * Nucleotides * Glycerol + fatty acids | * Fried foods * Nuts * Cereal * Meat, fish, eggs * Candy * Potato chips * All living/once living things * Butter * Pasta * Bread |

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