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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