**Carbon Based Molecules and Enzyme Radicalness!**

**Group the following terms under the correct columns.**

1. Makes up cell membranes
2. Catalyst
3. Stores genetic information
4. Primary energy source
5. Amino acids
6. Triglyceride
7. C6H12O6
8. Enzymes
9. Increase chemical reactions
10. Made of proteins
11. Temperature and pH
12. DNA
13. Secondary energy source
14. Non-polar
15. Monosaccharide
16. Nucleotide
17. Decrease activation energy
18. Unsaturated fatty acids
19. Cellulose
20. NH2
21. Sucrose
22. Meats
23. Polysaccharide
24. Peptide bonds
25. RNA
26. Glycerol and fatty acids
27. Phosphate group + sugar + nitrogenous base
28. Suffix –ase.

 29. Polymer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Carbohydrates** | **Proteins** | **Lipids** | **Nucleic Acids** | **Enzymes (A specific protein)** |
| 4 | 5 | 1 | 3 | 2 |
| 7 | 8 | 6 | 12 | 9 |
| 15 | 20 | 13 | 16 | 10 |
| 19 | 22 | 14 | 25 | 11 |
| 21 | 24 | 18 | 27 | 17 |
| 23 |  | 26 |  | 28 |
| 29 | 29 |  | 29 | 29 |
|  |  |  |  |  |
|  |  |  |  |  |