|  |  |  |
| --- | --- | --- |
| **Cornell Notes** | **Topic/Objective:** | **Name:** |
|  | **Class/Period:** |
|  | **Date:** |
| **Essential Question:** |
|  |
| **Questions:** | **Notes:** |
| **What is an organic compound?** |  |
|  |  |
|  |  |
| **What is a carbohydrate?** |  |
|  |  |
|  |  |
| What is a monosaccharide? |  |
| Polysaccharide? |  |
|  |  |
|  |  |
| **What is a lipid?** |  |
|  |  |
| What are 3 types of lipids? |  |
|  |  |
|  |  |
| **What is a protein?** |  |
|  |  |
| What is an amino acid? |  |
|  |  |
| What is a polypeptide? |  |
|  |  |
| **What is a nucleic acid?** |  |
|  |  |
| What is a nucleotide?  |  |
|  |  |
| What is DNA? |  |
| What is RNA? |  |
|  |  |
| What is a complementary base pair?  |  |
|  |  |
| What is a double helix? |  |
|  |  |
| **Lesson Review Questions** |
| List the four major types of orgnaic compounds: |
| What determines the primary structure of a protein? |
| State 2 functions of proteins: |
| Identify the 3 parts of a nucleotide: |
| Butter is a fat that is solid at room temperature. What type of fatty acids does butter contain? How do you know? |
| Why is carbon essential to all known life on Earth? |
| Compare and contrast the stuctures and functions of simple sugars and complex carbohydrates: |
| **Summary:** |
|  |